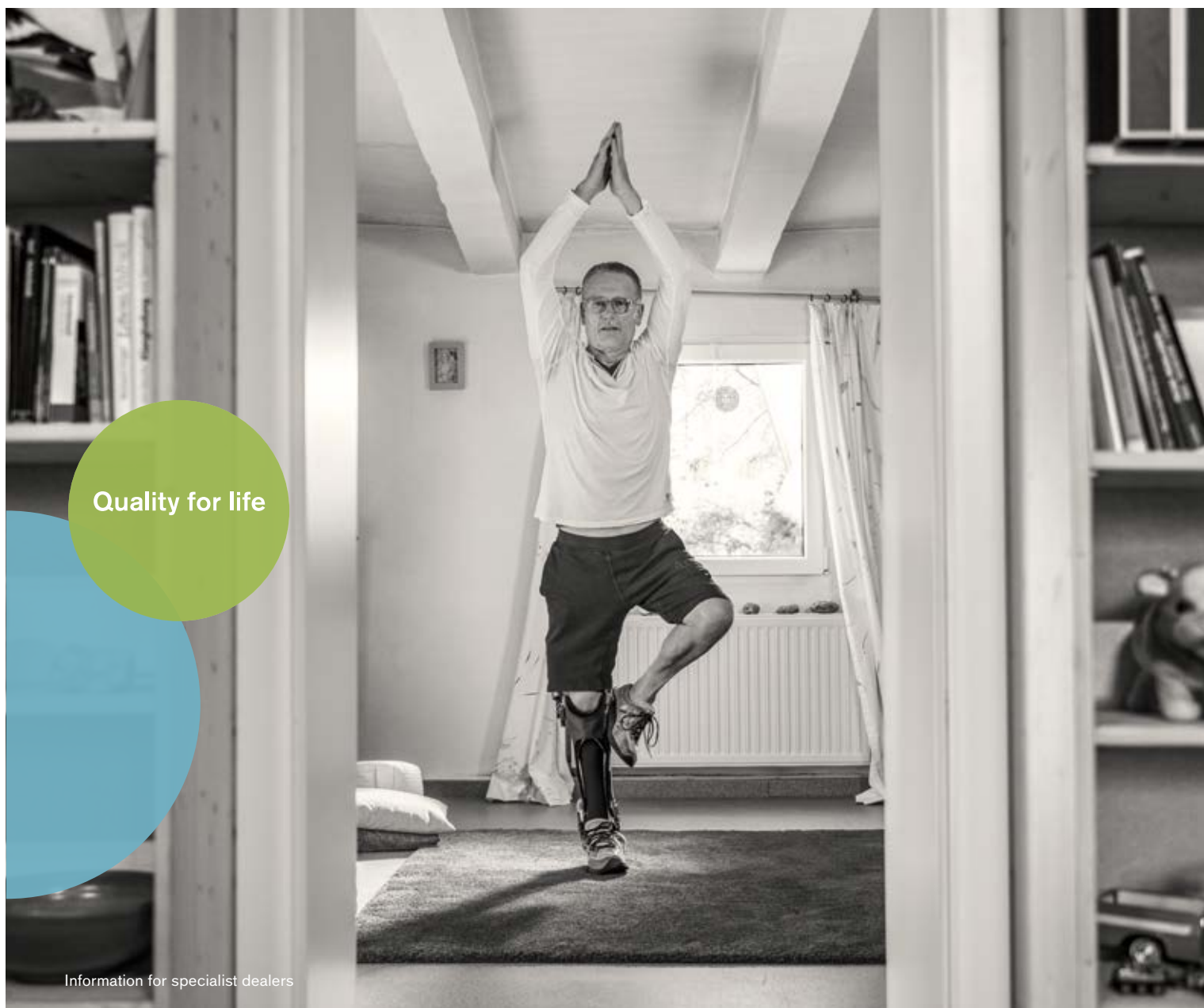


NeuroOrthopaedics



Quality for life

NeuroOrthopaedics



Table of Contents

1 NeuroRehabilitation.....	13	7 Materials, tools and accessories.....	405
Lower limb.....	15	Alignment aids and measuring technology	406
Upper limb.....	60	Tools.....	416
2 AFO	71	Materials	
Flexible ankle joints.....	76	– Adhesives and lubricants.....	422
Free motion ankle joints		– Soldering and welding materials	423
– Conventional orthotic joints.....	78	– Coating materials.....	424
– System joints.....	82	– Setting nuts and screws.....	425
Ankle joints with dorsiflexion function		– Closure technology.....	429
– Conventional orthotic joints	91	– Arm supports.....	441
– System joints	99	– Pad.....	442
Multifunction ankle joints		Thermoplastics	444
– Conventional orthotic joints	109	Plaster casting materials	453
– System joints.....	110	Materials for lamination technique	456
Dynamic components	155	Materials	
3 KAFO/KO	167	– Stockinettes.....	459
“SSCO” – Stance and Swing Phase Control Orthosis	168	– Carbon and fibreglass materials	462
Free-motion knee joints		Finishing	467
– Conventional orthotic joints.....	184		
– System joints	191		
„SCO“ – Stance Control Orthoses	205		
Locked knee joints			
– Conventional orthotic joints			
– 4-in-1 option ring lock.....	228		
– Ring lock.....	230		
– Swiss lock	240		
– Covered Swiss lock	243		
– System joints			
– Ring lock.....	245		
– Wedge lock	250		
– Swiss lock	279		
– Covered Swiss lock	283		
Waterproof walking aid	298		
Bars for knee orthoses/lower limb prostheses	310		
Prosthetic joint bars	320		
4 HKAFO/HO	339		
Cosa Junior/Cosa Active	340		
RGO hip joint system	343		
Free motion joints			
– Conventional orthotic joints	347		
– System joints.....	352		
Locked hip joints			
– Conventional orthotic joints	355		
5 Bars/bar accessories	363		
Aluminium	364		
Steel	368		
Titanium	375		
Raw material	377		
6 Other.....	379		
Correction system joints	380		
Arm bars	387		
Kits for spinal orthoses	397		



"Our objective is to offer maximum mobility, independence and normality to people with physical disabilities. This means all our products have to be judged by the functionality they offer users."

Prof. Hans Georg Näder,
Chairperson of the Management Board,
Ottobock SE & Co. KGaA

A changing company

Ottobock develops medical technology products and high quality fitting concepts for people with limited mobility. Driven by a decisive, pioneering spirit, prosthetist Otto Bock founded the Orthopädische Industrie GmbH company in Berlin in 1919. He had the courage to break new ground and set higher standards that would ultimately revolutionise an entire industry. Under the leadership of his son-in-law, Dr. Max Näder, Ottobock grew from a national to an international company. Thanks to his creativity and inventive talent, Max Näder continued to set standards in orthopaedic technology with the development of products such as the modular leg prosthesis system and the myoelectrically-controlled upper limb prosthesis. The company began to establish an international network in 1958, when the first foreign branch was founded in the US. Professor Hans Georg Näder has pursued a consistent, dynamic approach to continue driving this growth, with the result that Ottobock is now a global player and a strong corporate brand. In all aspects of our business, people are always our number one priority: we are committed to helping everyone achieve maximum mobility, independence and quality of life.

Ottobock SE & Co. KGaA is simultaneously a family business and a modern, customer and success-oriented company. A network of sales and service companies in 58 countries ensures that we are close to our customers. This helps us understand user needs and customer requirements and integrate these aspects into the products we develop. With the business areas of Prosthetics, Orthotics, NeuroRehabilitation, Human Mobility (wheelchairs and rehabilitation devices), MedicalCare and Industrials, the broad-based company is capable of offering its customers a nearly unparalleled range of products, coordinated system solutions and extensive services.

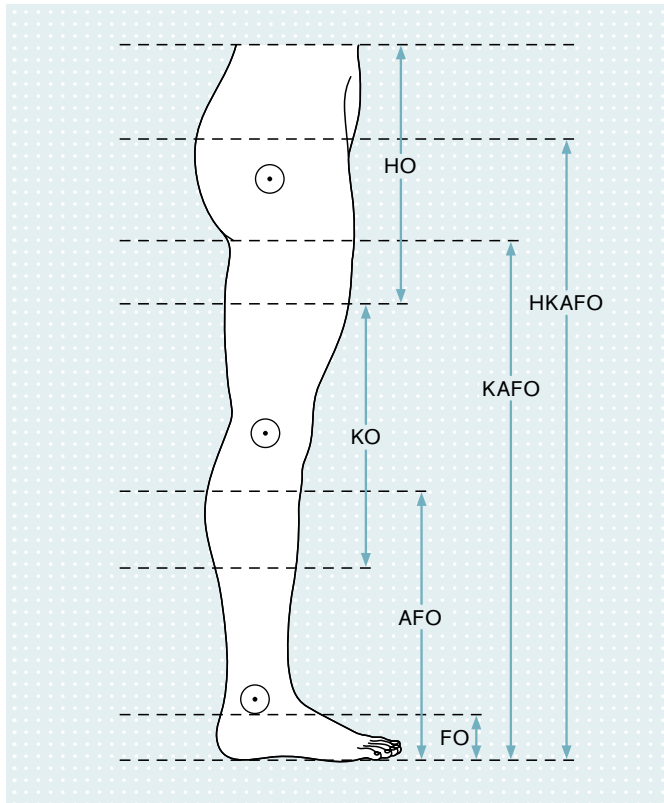
We take responsibility for improving the quality of life of people with disabilities by creating solutions that are functionally and technologically outstanding – both now and into the future. The role played by high-quality materials is just as essential as expert craftsmanship when it comes to providing fittings for people with physical limitations. Only the fitting team which attends to the patient personally can determine the patient's overall needs and establish the requirements for a custom orthosis on this basis. One example would be a stroke patient who can only use one hand to put their orthosis on. For more information on paralysis fittings, please consult our reference "Designing orthotics for the lower limbs" (646B7) for medical specialists, therapists and O&P professionals. And get started now by choosing the components for your custom orthoses from the selection that follows.

Always at your service!

At Ottobock, we place great emphasis on CUSTOMER SERVICE. Our highly experienced representatives are standing by – ready to assist you with their comprehensive expertise, inform you about the latest developments and advise you on every aspect of our products. If you have a complex enquiry, our product experts and specialists from Fabrication will be delighted to help you. Our highly qualified sales team can assist with special technical solutions and their on-site implementation. We also offer end-to-end service plans.

About this catalogue

General orthotics

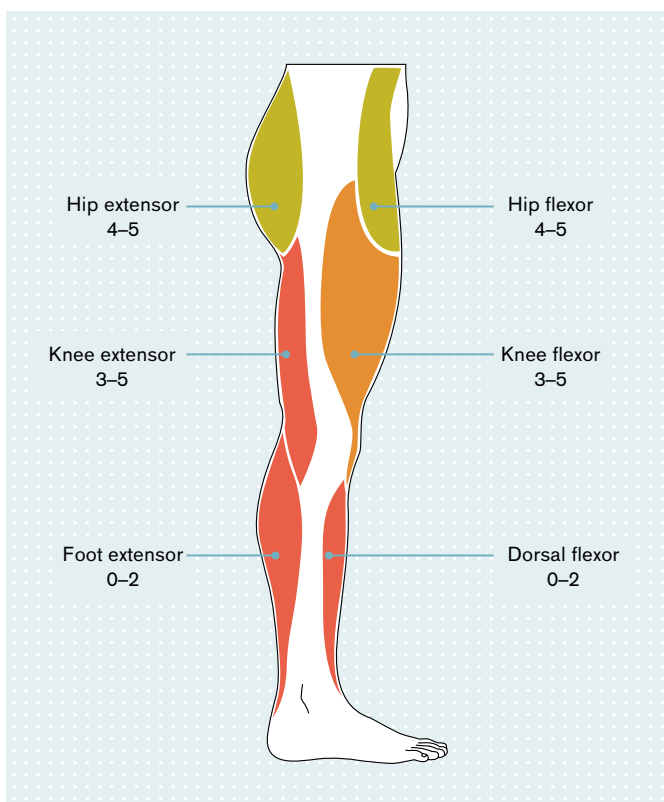


Global networking has also become important in the medical technology sector. In order to work with the same terminology internationally, the abbreviations of the English terms for the different types of orthoses are used.

These are already used in many countries in the corresponding fitting or device lists. Only the abbreviations common for the lower limbs are shown in the adjacent overview, but these are widely used for the entire locomotor system.

Lower limb orthosis types

HO	Hip orthosis
HKAFO	Hip-knee-ankle-foot orthosis
KAFO	Knee-ankle-foot orthosis
KO	Knee orthosis
AFO	Ankle-foot orthosis
FO	Foot orthosis



Muscle strength assessment according to Janda

0	No visible and/or palpable muscle contraction
1	Visible and/or palpable muscle contraction with no motor effect
2	Pronounced muscle tension, movement is possible if force of gravity is eliminated
3	Movement against gravity possible
4	Movement against low to medium resistance possible
5	Movement with normal strength

Explanation of symbols



Products suitable for children



Recommended for lamination resin technique



Recommended for prepreg technique



Recommended for bar/clamp technique



Recommended for thermoplastic technique



Alignment insert, size 1



Alignment insert, size 2



Alignment insert, size 3



Alignment insert, size 4



Alignment insert, size 5



Alignment insert, size 6



Alignment insert, size 7



Alignment insert, size 8



Alignment insert, size 9



Self-adhesive



Two components: A-component, B-component



Washable at 30 °C



Washable at 40 °C



Washable at 60 °C

About this catalogue

Searching, finding and ordering

This catalogue is organised into sections.

3

3

KAFO/KO
Bars for knee orthoses/lower limb prostheses

(4) Slotted trans head screw
Reference number 301530

(6) Oval head screw
Reference number 301540

(7) Extension strip
Reference number 17190

KAFO/KO
Bars for knee orthoses/lower limb prostheses

Polycentric knee joint bars, short
Reference number 17647

With gear drive, five motion joints, upper and lower bars are curved and notched, for embedding into laminate and thermoplastic synthetic materials, interchangeable steps to final extension

Technical data		Design	Price	Bar width	Joint	Material	Quantity
Reference number	Design name	Bar joint	per piece	Thickness	Thickness	unit	
17647	17647-01	17647-01	17647-01	17647-01	17647-01	17647-01	17647-01

The list of keywords lists all products in alphabetical order. Alternatively, the index lets you find the page numbers for products by reference number.

Index

3
10 U.S.A.S. Position 406
50
50-50 page..... 220

A
Adaptive chair..... 1
Adaptive pad for foot sensor..... 1
Adaptive roller table..... 1
Adaptive strap..... 1
Adaptive table..... 1
Alignment unit..... 1

Reference number index

1-10	11-20	21-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100
17600-00A-M6A	17600-00B	17600-00C	17600-00D	17600-00E	17600-00F	17600-00G	17600-00H	17600-00I	17600-00J

ottobock.

Service Fabrication
Customized Solutions

Quality for life.

Ottobock Service Fabrication offers custom orthotics products and services. These are listed in the catalogue 646K71.

ottobock.

Materials
Components & Systems

Quality for life.

For more information or to place orders for products in the materials category, please use the 646K1 Ottobock materials catalogue.

ottobock.

Consulting, Planning and Equipping

Quality for life.

You can find more on individual solutions for specialist orthopedic technology companies in the "Consulting, Planning and Furnishing Catalog" (646K10).

Name of product

Brief product description

Illustration of product

Available information material

Replacement parts graphic

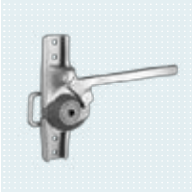
ICONS for guidance

Product components which serve as spare parts for service and repair.

System knee joint

Reference number 17B44

Locked knee joint with adjustable Swiss lock for positioning orthoses.
Flexion angle adjustment up to max. 16° knee flexion and 100 kg body weight possible in gait orthoses.
Contoured medial joint, straight lateral joint, Swiss lock with flexion adjustment



Information material

646F596-EN_MASTER	Knee joints overview
647G43	17B44 instructions for use

Technical data

Article number	Side	System width	Length from joint centre upper	Length from joint centre lower	Material	Quantity unit
17B44-L16	left (L)	16 mm	56 mm	38 mm	Stainless steel	Pair
17B44-R16	right (R)	16 mm	56 mm	38 mm	Stainless steel	Pair
17B44-L20	left (L)	20 mm	56 mm	38 mm	Stainless steel	Pair
17B44-R20	right (R)	20 mm	56 mm	38 mm	Stainless steel	Pair

Spare parts for 17B44

(1) Knee cap ring plate

Reference number 17Y56

Technical data

Article number	Side	For system width	Material	Quantity unit
17Y56-L	left (L)	16 and 20 mm	Stainless steel	Piece
17Y56-R	right (R)	16 and 20 mm	Stainless steel	Piece

(2) Lock lever

Reference number 17Y57

Technical data

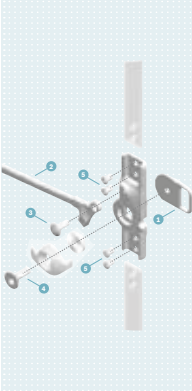
Article number	Side	For system width	Material	Quantity unit
17Y57-L	left (L)	16 and 20 mm	Stainless steel	Piece
17Y57-R	right (R)	16 and 20 mm	Stainless steel	Piece

(3) Oval head screw

Reference number 501A23

Technical data

Article number	Material	Quantity unit
501A23	Stainless steel	Piece





Note: orthosis compendium
Detailed explanations of the underlying illnesses relevant for custom orthotics, the biomechanics of standing and walking and the orthosis designs corresponding to the clinical pictures are found in our orthosis compendium for the lower extremity.

Article-No. 646B7=EN_INT

Please note that the basic colors listed in the catalogue do not necessarily match the actual color effect.



NeuroRehabilitation

1

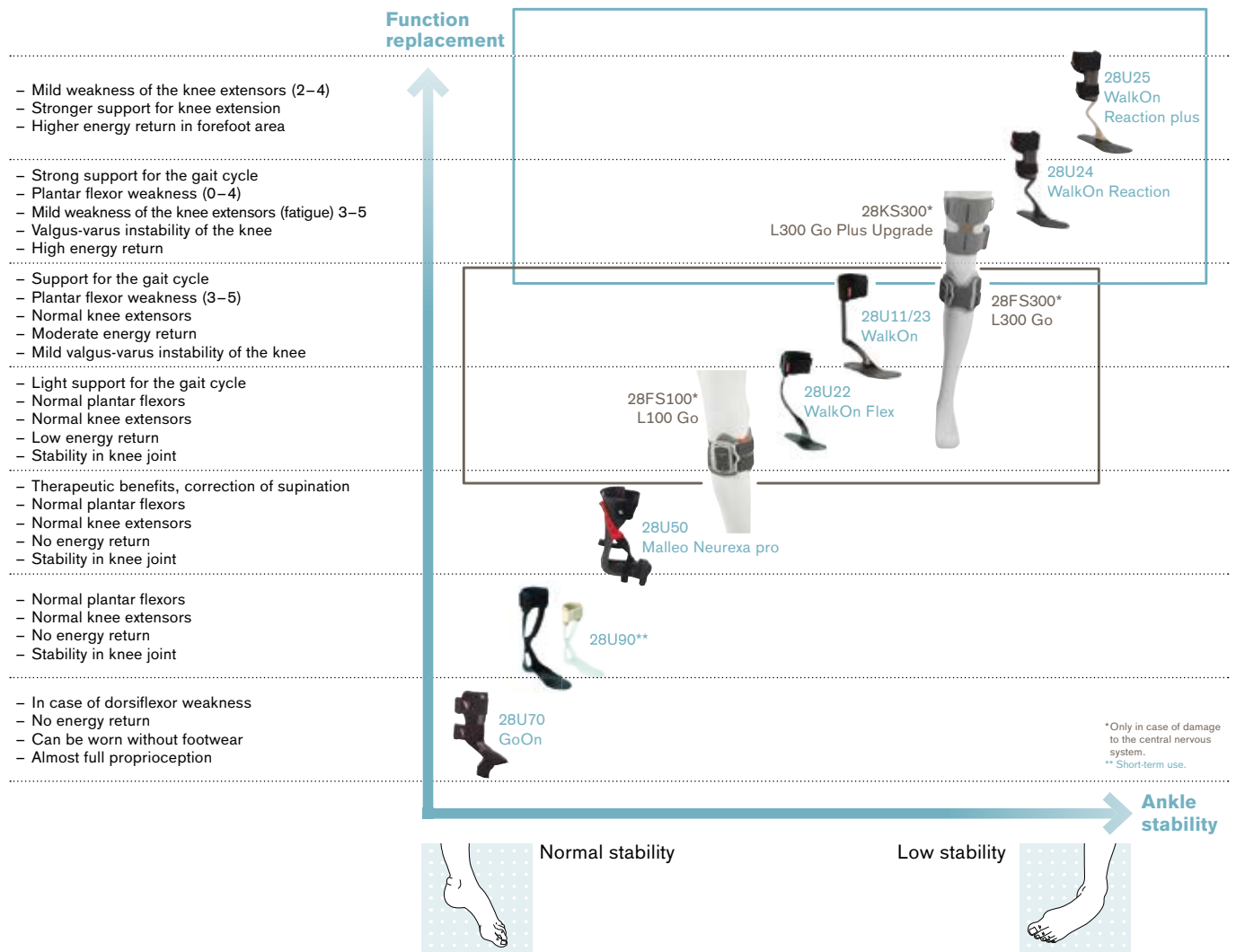
The frequency of neurological diseases has been increasing for years. According to an analysis by Deloitte, the specialist field of neurology will grow by 24.6% by 2030, which is the highest percentage growth in any medical specialist field (Deloitte 2016). The objective of NeuroRehabilitation is to avoid the resulting day-to-day limitations as far as possible through targeted measures, restore functions and thereby improve quality of life. However, improvements are not limited to a certain period of time but can be attained at virtually any time through treatments and applications. Devices can make a major contribution here. Lost and/or limited functions can be replaced, assisted or strengthened by devices. In the rehabilitation phase, a device can maintain and improve therapy results that have been achieved, support the patient's mobilisation or prevent early compensating movements on the part of the patient. In day-to-day life, devices help maintain rehabilitation results and promote the use of mobility that has been regained in specific situations. Ottobock offers numerous devices that have been developed especially for the particular needs of NeuroRehabilitation. This includes pre-fabricated, semi-finished products that are presented in this section. All components required for the fabrication of custom orthoses are also described in detail in this catalogue.



Visit www.ottobock.com to obtain up-to-date product information at any time.

NeuroRehabilitation

Lower limb – Differentiation within the product portfolio





GoOn

Reference number 28U70

Ankle foot orthosis for lifting the foot in neutral position

Features and benefits

- Universal size (adult size)
 - One size fits all users
- Front support attached directly to the foot
 - Very secure, firm fit
- Spring elements made of individual filaments
 - Controlled lifting force, moderate guidance and torsion control of the foot
- Viscoelastic cushion
 - Minimised pressure on the top of the foot
- Easy handling and soft materials
 - High acceptance
- Dorsal spring construction
 - Can be worn with or without footwear, regardless of heel height. If the orthosis is worn without footwear, an additional hook-and-loop closure is required (included in the scope of delivery)
- Orthosis does not cover the heel and forefoot
 - High proprioception
- Easy to wash
 - Hygienic

Information material

646D1127=EN_INT	28U70 information for practitioners
646D1249=EN_INT	Lower limb stroke information for practitioners
646H15=EN_INT	Stroke user information
646D792=EN_INT	Mobilisation following a stroke
646F340=EN_INT	Stroke indication matrix
647G1225=ALL_INT	28U70 Instructions for use

Indications

- Drop foot caused by
 - Fatigue syndrome
 - Problems with balance
 - Dementia
 - Parkinson's disease
 - Stroke
 - Traumatic brain injury
 - Multiple sclerosis
 - Neural muscular atrophy
 - Peroneal paralysis (paresis)

Modes of action

- Light support for drop foot

Technical data

Article number	For size
28U70	Universal

NeuroRehabilitation

Lower limb

Spare parts for 28U70



Pad for GoOn incl. straps and Y-hook-and-loop

Reference number 29U70

Technical data

Article number	Spare part for	Size
29U70	28U70 GoOn	Universal

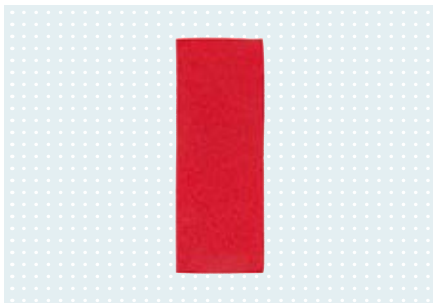


Y-hook-and-loop

Reference number 29U25

Technical data

Article number	Spare part for	Size	Quantity unit
29U25=2	28U70 GoOn	2	Piece



Viscoelastic pressure pad

Reference number 29U74

Technical data

Article number	Spare part for	Size
29U74	28U70 GoOn	Universal



Ankle-foot orthosis

Reference number 28U90

Ankle-foot orthosis for lifting the foot in neutral position.

Features and benefits

- Thin-walled design
 - Inconspicuous under clothing and in the shoe
- Long sole
 - Precise guidance of the foot, sole can be shortened as needed
- Low weight
 - No added strain
- Calf pad, easy to remove and washable
 - Good wearer comfort
- Pad with strap suitable for left-hand or right-hand use
 - Straightforward adaptation to the patient

Indications

- Drop foot caused by
 - Peroneal paralysis (paresis)
 - Stroke
 - Traumatic brain injury
 - Multiple sclerosis
 - Neural muscular atrophy

Modes of action

- Passive, flexible limitation of plantar flexion
- Dynamically returns the foot to the neutral position

Information material

646D1249=EN_INT	Lower limb stroke information for practitioners
646H15=EN_INT	Stroke user information
646D792=EN_INT	Mobilisation following a stroke
646F340=EN_INT	Stroke indication matrix
647G955=ALL_INT	28U90 instructions for use

Technical data



Article number	Shoe size	Side	Colour
28U90=L35-37-0	35 - 37	left (L)	Beige
28U90=R35-37-0	35 - 37	right (R)	Beige
28U90=L35-37-7	35 - 37	left (L)	Black
28U90=R35-37-7	35 - 37	right (R)	Black
28U90=L37-39-0	37 - 39	left (L)	Beige
28U90=R37-39-0	37 - 39	right (R)	Beige
28U90=L37-39-7	37 - 39	left (L)	Black
28U90=R37-39-7	37 - 39	right (R)	Black
28U90=L39-41-0	39 - 41	left (L)	Beige
28U90=R39-41-0	39 - 41	right (R)	Beige
28U90=L39-41-7	39 - 41	left (L)	Black
28U90=R39-41-7	39 - 41	right (R)	Black
28U90=L41-44-0	41 - 44	left (L)	Beige
28U90=R41-44-0	41 - 44	right (R)	Beige
28U90=L41-44-7	41 - 44	left (L)	Black
28U90=R41-44-7	41 - 44	right (R)	Black
28U90=L44-47-0	44 - 47	left (L)	Beige
28U90=R44-47-0	44 - 47	right (R)	Beige
28U90=L44-47-7	44 - 47	left (L)	Black
28U90=R44-47-7	44 - 47	right (R)	Black

Spare parts for 28U90



Calf pad with strap

Reference number 29U90

Calf strap with closure for 28U90 ankle-foot orthosis

Technical data

Article number	Spare part for	Size	Colour
29U90=35-37-7	28U90=R35-37-7 28U90=L35-37-7	35-37	Black
29U90=35-37-9	28U90=L35-37-0 28U90=R35-37-0	35-37	Beige
29U90=37-39-7	28U90=L37-39-7 28U90=R37-39-7	37-39	Black
29U90=37-39-9	28U90=L37-39-0 28U90=R37-39-0	37-39	Beige
29U90=39-41-7	28U90=L39-41-7 28U90=R39-41-7	39-41	Black
29U90=39-41-9	28U90=L39-41-0 28U90=R39-41-0	39-41	Beige
29U90=41-44-7	28U90=L41-44-7 28U90=R41-44-7	41-44	Black
29U90=41-44-9	28U90=L41-44-0 28U90=R41-44-0	41-44	Beige
29U90=44-47-7	28U90=L44-47-7 28U90=R44-47-7	44-47	Black
29U90=44-47-9	28U90=L44-47-0 28U90=R44-47-0	44-47	Beige



Malleo Neurexa pro

Reference number 28U50

Thermoplastic ankle-foot orthosis with dynamic pronation strap.

Features and benefits

- Can be worn barefoot as well as with shoes
 - Flexible
- Dynamic pronation strap
 - Corrects supination
- Can be used as both a day or night splint
 - Prevents contractures

Indications

- Drop foot without/with moderate supination of the foot due to spasticity
 - Stroke
 - Traumatic brain injury
 - Multiple sclerosis
 - Neural muscular atrophy
 - Isolated peroneal paralysis

Modes of action

- The special guidance of the closure straps with the combination of the elastic pronation strap ensures effective correction, even with acute hypertonicity of the lower leg musculature.
- Yields when spasticity occurs
- Returns the foot to the neutral position after relaxation

Information material

646D507=EN_INT	Neurexa line – information for practitioners
646D1249=EN_INT	Lower limb stroke information for practitioners
646H15=EN_INT	Stroke user information
646D792=EN_INT	Mobilisation following a stroke
646F340=EN_INT	Stroke indication matrix
647G1107=ALL_INT	28U50 instructions for use

Technical data

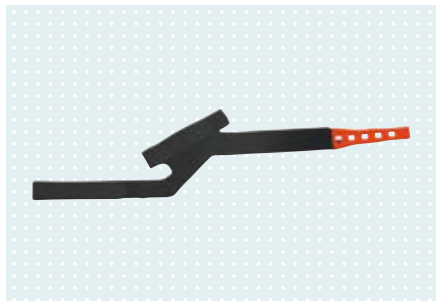


Article number	Shoe size	Side
28U50=L35-37	35-37	left (L)
28U50=R35-37	35-37	right (R)
28U50=L37-39	37-39	left (L)
28U50=R37-39	37-39	right (R)
28U50=L39-41	39-41	left (L)
28U50=R39-41	39-41	right (R)
28U50=L41-44	41-44	left (L)
28U50=R41-44	41-44	right (R)

NeuroRehabilitation

Lower limb

Spare parts for 28U50



Hook-and-loop closure

Reference number 29S1

Hook-and-loop closure for Malleo Neurexa pro and Dyna Ankle.

Technical data

Article number	Spare part for	Side	Length
29S1=L35-37	28U50=L35-37	left (L)	15,0 cm
29S1=R35-37	28U50=R35-37	right (R)	15,0 cm
29S1=L37-39	28U50=L37-39	left (L)	16,5 cm
29S1=R37-39	28U50=R37-39	right (R)	16,5 cm
29S1=L39-41	28U50=L39-41	left (L)	18,0 cm
29S1=R39-41	28U50=R39-41	right (R)	18,0 cm
29S1=L41-44	28U50=L41-44	left (L)	20,0 cm
29S1=R41-44	28U50=R41-44	right (R)	20,0 cm



Strap piece

Reference number 29S2

Strap piece for Malleo Neurexa pro and Dyna Ankle

Technical data

Article number	Spare part for	Size	Length
29S2=35-37	28U50 Malleo Neurexa pro	35-37	29 cm
29S2=37-41	28U50 Malleo Neurexa pro	37-41	33 cm
29S2=41-44	28U50 Malleo Neurexa pro	41-44	37 cm



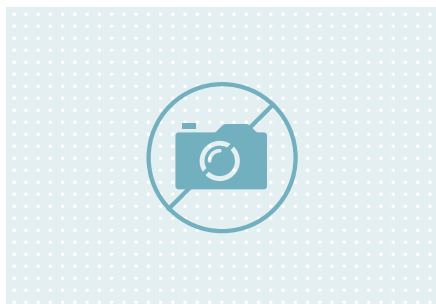
Calf pad

Reference number 29S24

The calf pad is a spare part for the Malleo Neurexa pro.

Technical data

Article number	Size
29S24=35-39	35-39
29S24=39-44	39-44



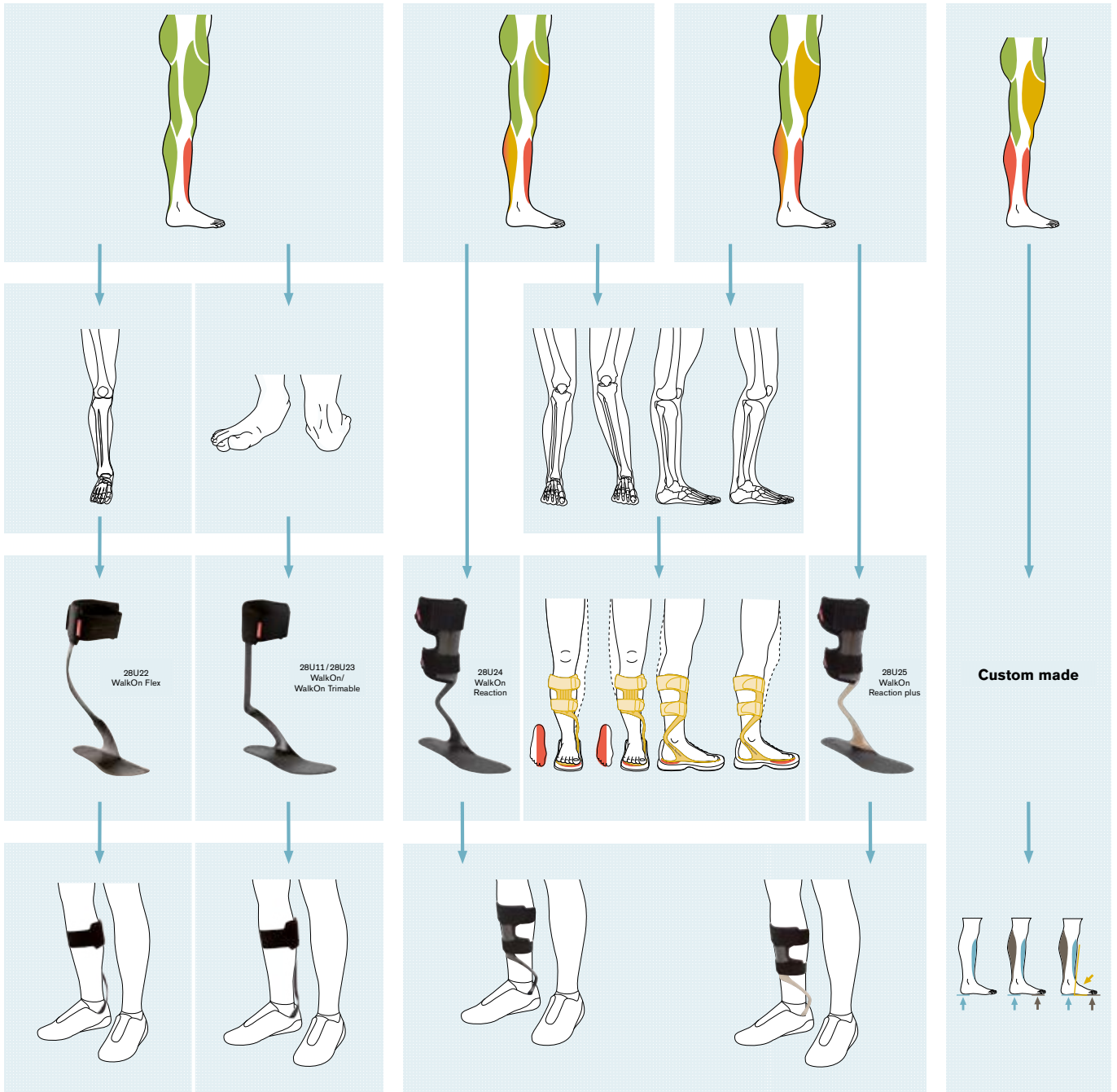
Component set

Reference number 29U34

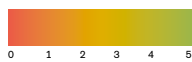
The component set is a spare part for the 28U50 Malleo Neurexa pro.

Technical data

Article number
29U34



Muscle status by Janda



Ottobock SE & Co. KGaA
 Max-Näder-Str. 15 · 37115 Duderstadt/Germany
 T +49 5527 848-1706 · F +49 5527 848-72330
 report@ottobock.com · www.ottobock.com



Hint



Article Number	Side	Shoe Size (E)	Shoe Size (US)
WalkOn 28U11	=L36-39 left	36-39	4.5-7
WalkOn Flex 28U22	=R36-39 right	36-39	4.5-7
WalkOn Trimable 28U23	=L39-42 left	39-42	7-8.5
WalkOn Reaction 28U24	=R39-42 right	39-42	7-8.5
WalkOn Reaction plus 28U25	=L42-45 left	42-45	8.5-11.5
	=R42-45 right	42-45	8.5-11.5
	=L45-48 left	45-48	11.5-14
	=R45-48 right	45-48	11.5-14



WalkOn Flex

Reference number 28U22

Dynamic ankle-foot orthosis made of composite material, for lifting the foot and active energy return while walking.

Features and benefits

- Made of fibreglass prepreg
 - Easy energy storage and return during the gait cycle
- Trimable sole
 - Straightforward adaptation
- Slim design
 - Inconspicuous to wear
- Low weight
 - High acceptance
- Two comfortable calf bands made of climate-regulating material
 - Skin-friendly padding, washable and exchangeable
- Medial guidance of the longitudinal arch by the pylon
 - Prevents supination in solid footwear
- Spiral-shaped spring to calf band
 - Greater flexibility at heel strike, natural exterior rotation of the foot, less stability during pronation and supination than WalkOn/WalkOn Trimable

Indications

- Drop foot caused by
 - Peroneal paralysis (paresis)
 - Stroke
 - Traumatic brain injury
 - Multiple sclerosis
 - Neural muscular atrophy

Modes of action

- Supports dorsiflexion
- Promotes dynamic rollover
- Increases the stride length by improving muscle dynamics
- Promotes exterior rotation of the foot at heel strike
- Promotes a physiological gait pattern
- Reduces the risk of falling

Technical data



Article number	Shoe size	Side	Height
28U22=L36-39	36 - 39	left (L)	35 cm
28U22=R36-39	36 - 39	right (R)	35 cm
28U22=L39-42	39 - 42	left (L)	36 cm
28U22=R39-42	39 - 42	right (R)	36 cm
28U22=L42-45	42 - 45	left (L)	37 cm
28U22=R42-45	42 - 45	right (R)	37 cm
28U22=L45-48	45 - 48	left (L)	39 cm
28U22=R45-48	45 - 48	right (R)	39 cm

Information material

646D387=EN_INT	WalkOn line – information for practitioners
646H14=ALL_INT	WalkOn line user information
646D1249=EN_INT	Lower limb stroke information for practitioners
646H15=EN_INT	Stroke user information
646D792=EN_INT	Mobilisation following a stroke
646F340=EN_INT	Stroke indication matrix
646F447=EN_INT	WalkOn selection tool
647G1530=ALL_INT	28U11 / 28U22 / 28U23 instructions for use

Spare parts for 28U22



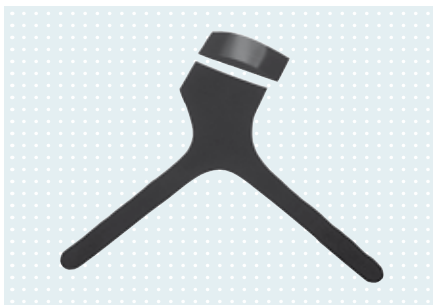
Calf pad

Reference number 29U5

Technical data

Article number	Side	Size
29U5=L2	left	31–42
29U5=R2	right	31–42
29U5=L1	left	43–50
29U5=R1	right	43–50

Accessory for 28U22



Lateral pronation strap

Reference number 28Z10

A 28Z10 pronation strap can be used as an additional option to counteract spastic supination of the foot.

Technical data

Article number	Spare part/accessories for	For size
28Z10	28U22 WalkOn Flex	Universal



WalkOn Flex FIT KIT

Reference number 28T2

A WalkOn FIT KIT can be used to test the function of the orthosis. It consists of four test orthoses including pads and a bag.

Technical data

Article number	Accessories for	Side	Shoe size
28T2	28U22 WalkOn Flex	left (L) right (R)	36 – 48

Information material

646D570=ALL_INT

28T2 Information for practitioners



WalkOn

Reference number 28U11

Dynamic ankle-foot orthosis made of carbon, for lifting the foot and active energy return while walking.

Features and benefits

- Made of carbon fibre prepreg
 - Energy is stored and returned during the gait cycle
- Slim design
 - Inconspicuous to wear
- Low weight
 - High acceptance
- Two comfortable calf bands made of climate-regulating material
 - Skin-friendly padding, washable and exchangeable
- Medial guidance of the longitudinal arch by the pylon
 - Prevents supination in solid footwear
- Dorsal pylon/spring to calf band
 - Good control at heel strike and toe-off

Indications

- Drop foot caused by
 - Peroneal paralysis (paresis)
 - Stroke
 - Traumatic brain injury
 - Multiple sclerosis
 - Neural muscular atrophy

Modes of action

- Supports dorsiflexion
- Promotes dynamic rollover
- Increases the stride length by improving muscle dynamics
- Promotes exterior rotation of the foot at heel strike
- Promotes a physiological gait pattern
- Reduces the risk of falling

Information material

646D387=EN_INT	WalkOn line – information for practitioners
646H14=ALL_INT	WalkOn line user information
646D1249=EN_INT	Lower limb stroke information for practitioners
646H15=EN_INT	Stroke user information
646D792=EN_INT	Mobilisation following a stroke
646F340=EN_INT	Stroke indication matrix
646F447=EN_INT	WalkOn selection tool
647G1530=ALL_INT	28U11 / 28U22 / 28U23 instructions for use

Technical data



Article number	Shoe size	Side	Height
28U11=L36-39	36 - 39	left (L)	35 cm
28U11=R36-39	36 - 39	right (R)	35 cm
28U11=L39-42	39 - 42	left (L)	36 cm
28U11=R39-42	39 - 42	right (R)	36 cm
28U11=L42-45	42 - 45	left (L)	37 cm
28U11=R42-45	42 - 45	right (R)	37 cm
28U11=L45-48	45 - 48	left (L)	39 cm
28U11=R45-48	45 - 48	right (R)	39 cm

Spare parts for 28U11



Calf pad

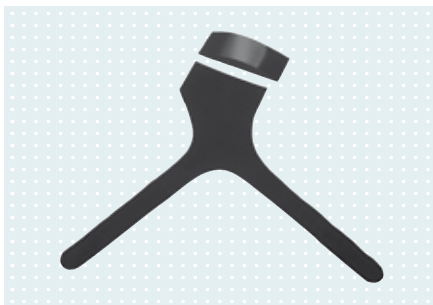
Reference number 623Z39

WalkOn calf pad

Technical data

Article number	Side	Size
623Z39=L-N	left (L)	36-48
623Z39=R-N	right (R)	36-48

Accessory for 28U11



Lateral pronation strap

Reference number 28Z10

A 28Z10 pronation strap can be used as an additional option to counteract spastic supination of the foot.

Technical data

Article number	Spare part/accessories for	For size
28Z10	28U11 WalkOn	Universal



WalkOn FIT KIT

Reference number 28T1N

A WalkOn FIT KIT can be used to test the function of the orthosis. It consists of four test orthoses including pads and a bag.

Technical data

Article number	Accessories for	Side	Shoe size
28T1N	28U11 WalkOn	left (L) right (R)	36 - 48

Information material

646D569=ALL_INT	28T1N Information for practitioners
-----------------	-------------------------------------



WalkOn Trimable

Reference number 28U23

Dynamic ankle-foot orthosis made of carbon, for lifting the foot and active energy return while walking.

Features and benefits

- Made of carbon fibre prepreg
 - Energy is stored and returned during the gait cycle
- Slim design
 - Inconspicuous to wear
- Trimable sole
 - Straightforward adaptation
- Low weight
 - High acceptance
- Two comfortable calf bands made of climate-regulating material
 - Skin-friendly padding, washable and exchangeable
- Medial guidance of the longitudinal arch by the pylon
 - Prevents supination in solid footwear
- Dorsal pylon/spring to calf band
 - Good control at heel strike and toe-off

Indications

- Drop foot caused by
 - Peroneal paralysis (paresis)
 - Stroke
 - Traumatic brain injury
 - Multiple sclerosis
 - Neural muscular atrophy

Modes of action

- Supports dorsiflexion
- Promotes dynamic rollover
- Increases the stride length by improving muscle dynamics
- Promotes exterior rotation of the foot at heel strike
- Promotes a physiological gait pattern
- Reduces the risk of falling

Information material

646D387=EN_INT	WalkOn line – information for practitioners
646H14=ALL_INT	WalkOn line user information
646D1249=EN_INT	Lower limb stroke information for practitioners
646H15=EN_INT	Stroke user information
646D792=EN_INT	Mobilisation following a stroke
646F340=EN_INT	Stroke indication matrix
646F447=EN_INT	WalkOn selection tool
647G1530=ALL_INT	28U11 / 28U22 / 28U23 instructions for use

Technical data



Article number	Shoe size	Side	Height
28U23=L36-39	36 - 39	left (L)	35 cm
28U23=R36-39	36 - 39	right (R)	35 cm
28U23=L39-42	39 - 42	left (L)	36 cm
28U23=R39-42	39 - 42	right (R)	36 cm
28U23=L42-45	42 - 45	left (L)	37 cm
28U23=R42-45	42 - 45	right (R)	37 cm
28U23=L45-48	45 - 48	left (L)	39 cm
28U23=R45-48	45 - 48	right (R)	39 cm

Spare parts for 28U23



Calf pad

Reference number 623Z39

WalkOn calf pad

Technical data

Article number	Side	Size
623Z39=L-N	left (L)	36-48
623Z39=R-N	right (R)	36-48

Accessory for 28U23



Lateral pronation strap

Reference number 28Z10

A 28Z10 pronation strap can be used as an additional option to counteract spastic supination of the foot.

Technical data

Article number	Spare part/accessories for	For size
28Z10	28U23 WalkOn Trimable	Universal



WalkOn FIT KIT

Reference number 28T1N

A WalkOn FIT KIT can be used to test the function of the orthosis. It consists of four test orthoses including pads and a bag.

Technical data

Article number	Accessories for	Side	Shoe size
28T1N	28U23 WalkOn Trimable	left (L) right (R)	36 - 48

Information material

646D569=ALL_INT

28T1N Information for practitioners



WalkOn Reaction

Reference number 28U24

Dynamic ankle-foot orthosis made of carbon, for lifting the foot with slight anterior support for the knee joint and for active energy return while walking.

Features and benefits

- Made of carbon fibre prepreg
 - Energy is stored and returned during the gait cycle
- Slim design
 - Inconspicuous to wear
- Trimable sole
 - Straightforward adaptation
- Low weight
 - High acceptance
- Shin pads with integrated closures made of climate-regulating material
 - Skin-friendly padding, washable and exchangeable
- Anterior support
 - Good control at heel strike and toe-off
- Lateral pronation strap
 - In conjunction with the lateral pronation strap, it is possible to reduce varus deviation of the foot and ankle and supination of the forefoot. This should always be supported by a corrective insole (included in the scope of delivery).

Information material

646D387=EN_INT	WalkOn line – information for practitioners
646H14=ALL_INT	WalkOn line user information
646D1249=EN_INT	Lower limb stroke information for practitioners
646H15=EN_INT	Stroke user information
646D792=EN_INT	Mobilisation following a stroke
646F340=EN_INT	Stroke indication matrix
646F447=EN_INT	WalkOn selection tool
647G816=ALL_INT	28U24/28U25 instructions for use

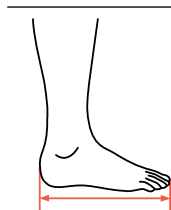
Indications

- Drop foot without or with moderate spasticity
- Minor impairment of the foot lowering musculature and minor impairment of knee extension

Modes of action

- Promotes a largely symmetrical and fluid physiological gait with support for knee extension and flexion, depending on what is needed
- Its energy return supports toe-off and heel strike
- Prevents uncontrolled foot contact and foot slap at heel strike and supports knee extension during toe-off
- Influences the statics in the frontal and sagittal plane when standing due to the alignment of the orthosis

Technical data



Article number	Shoe size	Side	Height
28U24=L36-39	36 - 39	left (L)	33,3 cm
28U24=R36-39	36 - 39	right (R)	33,3 cm
28U24=L39-42	39 - 42	left (L)	35,5 cm
28U24=R39-42	39 - 42	right (R)	35,5 cm
28U24=L42-45	42 - 45	left (L)	37,7 cm
28U24=R42-45	42 - 45	right (R)	37,7 cm
28U24=L45-48	45 - 48	left (L)	40,0 cm
28U24=R45-48	45 - 48	right (R)	40,0 cm

Spare parts for 28U24



Lateral pronation strap

Reference number 28Z10

A 28Z10 pronation strap can be used as an additional option to counteract spastic supination of the foot.

Technical data

Article number	Spare part/accessories for	For size
28Z10	28U24 WalkOn Reaction	Universal



Shin pad

Reference number 29U23

Shin pad for WalkOn Reaction and WalkOn Reaction plus

Technical data

Article number	Spare part for	Size
29U23	28U24 WalkOn Reaction	Universal
29U23=1	28U24 WalkOn Reaction	Universal



Pad incl. hook-and-loop closures

Reference number 29U24

Pad for 28U24 and 28U25 incl. hook-and-loop closures

Technical data

Article number	Spare part for	Side	Size
29U24=L36-39	28U24=L36-39	left (L)	36 - 39
29U24=R36-39	28U24=R36-39	right (R)	36 - 39
29U24=L39-42	28U24=L39-42	left (L)	39 - 42
29U24=R39-42	28U24=R39-42	right (R)	39 - 42
29U24=L42-45	28U24=L42-45	left (L)	42 - 45
29U24=R42-45	28U24=R42-45	right (R)	42 - 45
29U24=L45-48	28U24=L45-48	left (L)	45 - 48
29U24=R45-48	28U24=R45-48	right (R)	45 - 48

NeuroRehabilitation

Lower limb



Y-hook-and-loop

Reference number 29U25

The Y-hook-and-loop is a spare part for the 28U24 and 28U25.

Technical data

Article number	Spare part for	Size	Quantity unit
29U25=1	28U24 WalkOn Reaction	1	Piece
29U25=2	28U24 WalkOn Reaction	2	Piece

Accessory for 28U24



WalkOn Reaction FIT KIT

Reference number 28T3

A WalkOn Reaction FIT KIT can be used to test the function of the orthosis. This consists of eight trial orthoses including pads and bags.

Technical data

Article number	Accessories for	Side	Shoe size
28T3	28U24 WalkOn Reaction	left (L) right (R)	36 - 48

Information material

646D1392=ALL_INT 28T3 / 28T4 / 28T5
Information for
practitioners



WalkOn Reaction plus

Reference number 28U25

Dynamic ankle-foot orthosis made of carbon, for lifting the foot with anterior support for the knee joint and for active energy return while walking.

Features and benefits

- Made of carbon fibre prepreg
 - Energy is stored and returned during the gait cycle
- Slim design
 - Discreet to wear
- Trimable sole
 - Straightforward adaptation
- Lightweight
 - Promotes high user acceptance
- Shin pads with integrated closures made of climate-regulating material
 - Skin-friendly padding, washable and straightforward to change
- Anterior support
 - Good control at heel strike and toe-off
- Dyneema-reinforced spring
 - Increases the resistance of the orthosis
- Lateral pronation strap
 - In conjunction with the lateral pronation strap, it is possible to reduce varus deviation of the foot and ankle and supination of the forefoot. This should always be supported by a corrective insole (included in the scope of delivery).

Information material

646D387=EN_INT	WalkOn line – information for practitioners
646H14=ALL_INT	WalkOn line user information
646D1249=EN_INT	Lower limb stroke information for practitioners
646H15=EN_INT	Stroke user information
646D792=EN_INT	Mobilisation following a stroke
646F340=EN_INT	Stroke indication matrix
646F447=EN_INT	WalkOn selection tool
647G816=ALL_INT	28U24/28U25 instructions for use

Indications

- Drop foot, without or with mild to moderate spasticity
- Suitable in case of additional loss of the foot lowering musculature and/or slight to moderate weakness of the knee extensors (muscle strength level 3 according to Janda)
- Also suitable in case of foot deformities that can be corrected with the 28Z10 pronation strap and insoles.

Modes of action

- Enables a largely physiological gait with higher stiffness than the familiar WalkOn Reaction. This means that even more effective support for knee extension and flexion can be provided thanks to the more powerful spring force
- Its energy return supports toe-off and heel strike
- Prevents uncontrolled foot contact and foot slap at heel strike and supports knee extension during toe-off
- Influences the statics in the frontal and sagittal plane when standing due to the alignment of the orthosis

Technical data



Article number	Shoe size	Side	Height
28U25=L36-39	36 - 39	left (L)	33,3 cm
28U25=R36-39	36 - 39	right (R)	33,3 cm
28U25=L39-42	39 - 42	left (L)	35,5 cm
28U25=R39-42	39 - 42	right (R)	35,5 cm
28U25=L42-45	42 - 45	left (L)	37,7 cm
28U25=R42-45	42 - 45	right (R)	37,7 cm
28U25=L45-48	45 - 48	left (L)	40,0 cm
28U25=R45-48	45 - 48	right (R)	40,0 cm

NeuroRehabilitation

Lower limb

Spare parts for 28U25



Lateral pronation strap

Reference number 28Z10

A 28Z10 pronation strap can be used as an additional option to counteract spastic supination of the foot.

Technical data

Article number	Spare part/accessories for	For size
28Z10	28U25 WalkOn Reaction plus	Universal



Shin pad

Reference number 29U23

Shin pad for WalkOn Reaction and WalkOn Reaction plus

Technical data

Article number	Spare part for	Size
29U23	28U25 WalkOn Reaction plus	Universal



Pad incl. hook-and-loop closures

Reference number 29U24

Pad for 28U24 and 28U25 incl. hook-and-loop closures

Technical data

Article number	Spare part for	Side	Size
29U24=L36-39	28U25=L36-39	left (L)	36 - 39
29U24=R36-39	28U25=R36-39	right (R)	36 - 39
29U24=L39-42	28U25=L39-42	left (L)	39 - 42
29U24=R39-42	28U25=R39-42	right (R)	39 - 42
29U24=L42-45	28U25=L42-45	left (L)	42 - 45
29U24=R42-45	28U25=R42-45	right (R)	42 - 45
29U24=L45-48	28U25=L45-48	left (L)	45 - 48
29U24=R45-48	28U25=R45-48	right (R)	45 - 48



Y-hook-and-loop

Reference number 29U25

Technical data

Article number	Spare part for	Size	Quantity unit
29U25=1	28U25 WalkOn Reaction plus	1	Piece
29U25=2	28U25 WalkOn Reaction plus	2	Piece

Accessory for 28U25



WalkOn Reaction plus FIT KIT

Reference number 28T4

A WalkOn Reaction FIT KIT can be used to test the function of the orthosis. It consists of eight test orthoses including pads and a bag.

Technical data

Article number	Accessories for	Side	Shoe size
28T4	28U25 WalkOn Reaction plus	left (L) right (R)	36-48

Information material

646D1392=ALL_INT 28T3 / 28T4 / 28T5
Information for practitioners



WalkOn Reaction junior

Reference number 28U25

Dynamic ankle-foot orthosis made of carbon for children.

Features and benefits

- Highly dynamic characteristics
 - More control when walking
- Low weight and open heel
 - High wearer comfort
- Open heel and anatomically designed frontal support element
 - No pressure points
- Shin pad
 - Better compliance
- Combination with additional dynamic ankle-foot orthoses (DAFOs) possible
 - Enhanced functions
- All fabric parts can be washed and replaced
 - Hygienic

Indications

- Infantile cerebral palsy
- Drop foot, without or with mild to moderate spasticity
- Hemiparesis
- Diparesis

Modes of action

- Supports dorsiflexion
- Promotes dynamic rollover
- Increases the stride length by improving muscle dynamics
- Promotes exterior rotation of the foot at heel strike
- Promotes a physiological gait pattern
- Reduces the risk of falling

Information material

646D1128=EN_INT	WalkOn Reaction junior information for practitioners
646D387=EN_INT	WalkOn line – information for practitioners
646H14=ALL_INT	WalkOn line user information
646D1249=EN_INT	Lower limb stroke information for practitioners
647G816=ALL_INT	28U24/28U25 instructions for use

Technical data



Article number	Shoe size	Side	Height
28U25=L24-27	24 - 27	left (L)	20,5 cm
28U25=R24-27	24 - 27	right (R)	20,5 cm
28U25=L27-30	27 - 30	left (L)	24,5 cm
28U25=R27-30	27 - 30	right (R)	24,5 cm
28U25=L30-33	30 - 33	left (L)	27,0 cm
28U25=R30-33	30 - 33	right (R)	27,0 cm
28U25=L33-36	33 - 36	left (L)	29,4 cm
28U25=R33-36	33 - 36	right (R)	29,4 cm

Spare parts for 28U25



Pad incl. hook-and-loop closures

Reference number 29U24

The Y-hook-and-loop is a spare part for the 28U24 and 28U25.

Technical data

Article number	Spare part for	Side	Size
29U24=L24-27	28U25=L24-27	left (L)	24 - 27
29U24=R24-27	28U25=R24-27	right (R)	24 - 27
29U24=L27-30	28U25=L27-30	left (L)	27 - 30
29U24=R27-30	28U25=R27-30	right (R)	27 - 30
29U24=L30-33	28U25=L30-33	left (L)	30 - 33
29U24=R30-33	28U25=R30-33	right (R)	30 - 33
29U24=L33-36	28U25=L33-36	left (L)	33 - 36
29U24=R33-36	28U25=R33-36	right (R)	33 - 36



Y-hook-and-loop

Reference number 29U25

Technical data

Article number	Spare part for	Size	Quantity unit
29U25=1	28U25 WalkOn Reaction junior	1	Piece
29U25=2	28U25 WalkOn Reaction junior	2	Piece



Lateral pronation strap

Reference number 28Z10

A 28Z10 pronation strap can be used as an additional option to counteract spastic supination of the foot.

Technical data

Article number	Spare part/accessories for	For size
28Z10=1	28U25 WalkOn Reaction junior	Universal

Accessory for 28U25



WalkOn Reaction junior FIT KIT

Reference number 28T5

A WalkOn Reaction junior FIT KIT can be used to test the function of the orthosis. This consists of eight trial orthoses including pads and bags.

Technical data

Article number	Accessories for	Side	Shoe size
28T5	28U25 WalkOn Reaction junior	left (L) right (R)	24-36

Information material

646D1392=ALL_INT
28T3 / 28T4 / 28T5
Information for
practitioners

NeuroRehabilitation

Lower limb – FES selection guide

Functional electrical stimulation

The L100 Go and L300 Go were designed for users with drop foot and are based on the principle of functional electrical stimulation (FES). The L300 Go also provides support for instability of the knee. Depending on the user's needs, the L300 Go is available as an independent lower leg system, as a combined lower leg and thigh system and as an independent thigh system that uses a foot sensor. The L300 Go stimulates on two channels, while the L100 Go system is available as an independent lower leg system with single-channel stimulation.

To determine which system is suitable for your patient, please complete the following four steps.

1 Anamnesis

- Examine the patient closely and speak with them about their expectations. Determine whether they had any prior device and, if so, what type.

This will reveal the following aspects:

Has the patient had any previous orthotic device? Were they satisfied/dissatisfied with this device?

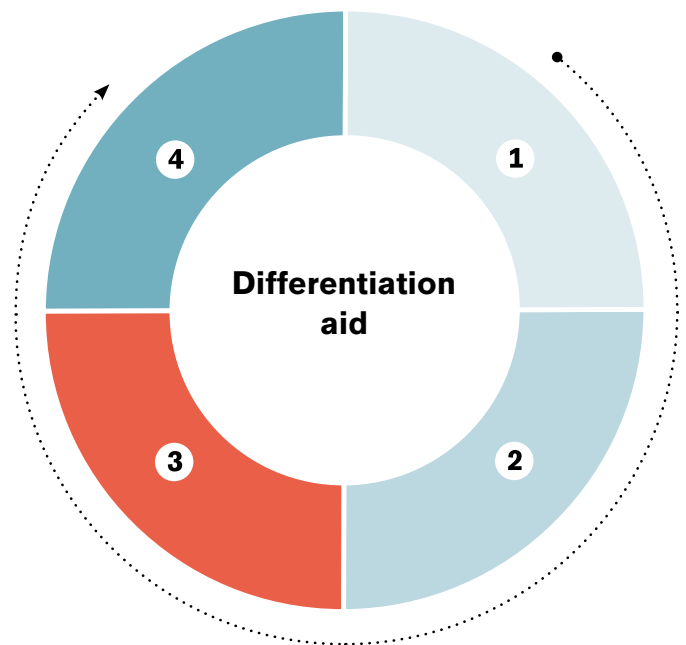
If the patient has been treated with FES before, did they have a good experience with it, and are they able to use an FES system? This will determine whether an FES system is appropriate for them in principle.

Has the patient not yet been treated with FES, and were they previously treated with an ankle-foot orthosis?

You will first need to test whether the patient responds to FES at all.

2 Muscle status measurement according to Janda

- Measure your patient's muscle strength and determine whether there is isolated dorsiflexion weakness or whether other muscle groups are also affected, such as the plantar flexors.
- Possible result A:
 - Only the dorsiflexion muscles are affected – there is a relatively high likelihood that the L100 Go single-channel system will function satisfactorily. A functional test and gait check will be needed to indicate whether the L100 Go is sufficient as a treatment option.
- Possible result B:
 - Several muscle groups are affected, which means dorsiflexion will not be sufficient for a physiological gait pattern on its own. As a result, eversion and dorsiflexion can be controlled separately using the two-channel system. A functional test and gait check will be needed to indicate whether the L300 Go is the right treatment option. If other muscle groups that impair the knee-extending or knee-flexing musculature are affected and, for example, trigger a genu recurvatum, an upper leg cuff can also be used to produce a proper gait pattern (L300 Go Upgrade system).



3 Functional test

- You do not need both systems to test and make a distinction between the L100 Go and L300 Go. Simply put an L300 Go with Quick Fit electrodes on the patient, and if you can stimulate physiological dorsiflexion while the patient is walking, the L100 Go single-channel system should be the right device.

4 Result

- Insufficient dorsiflexion is still present if the foot deviates medially or laterally in the swing phase and there is a danger of a supination trauma during heel strike. Furthermore, there should be no negative impact on a neutral knee position in A-P in the area of the knee joint during walking and standing. However, if you observe any of the aforementioned, the L300 Go should always be used. The major advantage of the L300 Go is the differentiated control of the muscles, which also allows compensation for deviations in the frontal plane in the foot. We also recommend considering the addition or application of an Upgrade system, which can optionally influence the knee-flexing or knee-extending musculature.



L100 Go System

Reference number 28FS100

The L100 Go was designed for users with drop foot and is based on the principle of functional electrical stimulation. Stimulation takes place via one channel.

Features and benefits

- User app for control and activity measurement
 - Easy handling
- 3D motion detection in real time
 - Reliable stimulation at the right time
- Easy to put on with one hand
 - Reliable application for the patient
- Electrode connections marked in colour
 - Reliable application for the technician/therapist and patient
- Textile electrodes for moistening
 - Easy handling and positioning
- Integrated 10 m walking test
 - Outcome and results can be analysed
- Intuitive fitting
 - Reliable application for the technician/therapist and patient

Indications

- Drop foot caused by
 - Peroneal paralysis (paresis)
 - Stroke
 - Traumatic brain injury
 - Multiple sclerosis
 - Neural muscular atrophy

Modes of action

- An electrical stimulation impulse causes the dorsiflexion musculature to contract, lifting the foot during the swing phase

Information material

646D1249=EN_INT	Lower limb stroke information for practitioners
646D1243=EN_INT	FES information for practitioners
646H15=EN_INT	Stroke user information
646D792=EN_INT	Mobilisation following a stroke
646F340=EN_INT	Stroke indication matrix
647G1428=EN	L100 Go system quick reference guide
647G1427=EN	L100 Go system instructions for use (user)

Exclusive Distributor for



Technical data

Article number	Side	Lower leg circumference
28FS100=L	left (L)	29-51 cm
28FS100=R	right (R)	29-51 cm

NeuroRehabilitation

Lower limb

Spare parts for 28FS100



L100 Go cuff

Reference number 28FS100S

The cuff is a spare part for the L100 Go.

Technical data

Article number	Side
28FS100S=LG1-5X01	left (L)
28FS100S=LG1-5Y01	right (R)



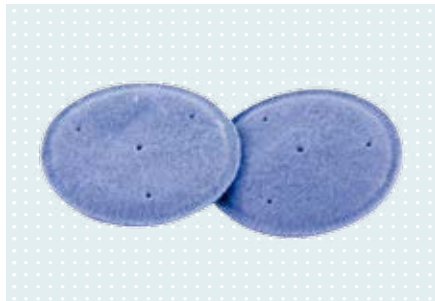
Quick fit electrode

Reference number 28FS300S

The quick fit electrode is used as a spare part for L300 Go and L100 Go.

Technical data

Article number	Side
28FS300S=LG4-1100	left (L)
28FS300S=LG4-1000	right (R)



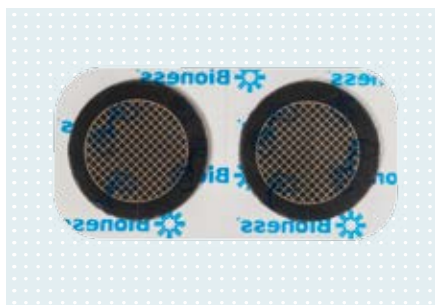
Round textile electrode

Reference number 28FS300S

The round textile electrode is used as a spare part for the L300 Go and L100 Go.

Technical data

Article number	Size	Diameter
28FS300S=LG3-6600	36 mm	36 mm
28FS300S=LG3-4V00	45 mm	45 mm



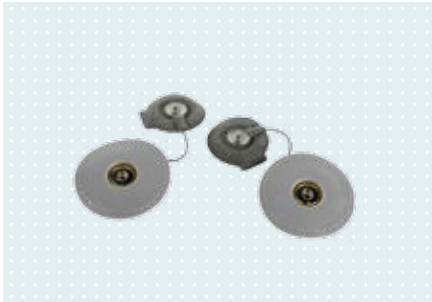
Hydrogel electrode

Reference number 28FS300S

The hydrogel electrode is used as a spare part for the L300 Go and L100 Go.

Technical data

Article number	Size
28FS300S=LG3-5F00	45 mm
28FS300S=LG3-6700	36 mm



Textile electrode adapter set, 45 mm

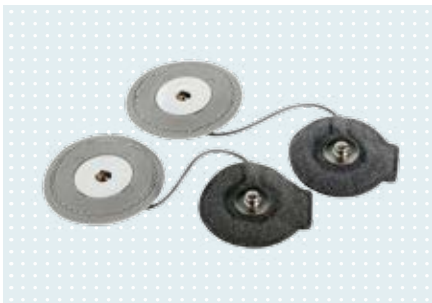
Reference number 28FS300S=LG4-4U00

The textile electrode adapter set is a spare part for the L300 Go and L100 Go.

Technical data

Article number

28FS300S=LG4-4U00



Hydrogel electrode adapter set, 45 mm

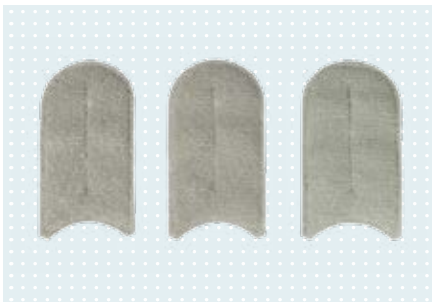
Reference number 28FS300S=LG4-5E00

The hydrogel electrode adapter set is used as a spare part for the L300 Go and L100 Go.

Technical data

Article number

28FS300S=LG4-5E00



Cable cover (for adapter sets)

Reference number 28FS300S=LG3-5L00

The cable cover for the adapter set is used as a spare part for the L300 Go and L100 Go.

Technical data

Article number

28FS300S=LG3-5L00



Magnetic charging cable

Reference number 28FS300S=LG4-7100

The magnetic charging cable is used as a spare part for the L300 Go and L100 Go.

Technical data

Article number

28FS300S=LG4-7100

NeuroRehabilitation

Lower limb



System charger with charging adapters

Reference number 28FS300S=LG4-7200

The system charger with charging adapters is a spare part for the L300 Go and L100 Go.

Technical data

Article number

28FS300S=LG4-7200



Stimulator/EPG

Reference number 28FS300S=LG4-5300

The stimulator/ EPG is a spare part for the L300 Go and L100 Go.

Technical data

Article number

28FS300S=LG4-5300



L300 Go system

Reference number 28FS300

The L300 Go system is a multi-channel system. This version is a useful treatment option for users for whom adequate dorsiflexion is not possible with single-channel stimulation and who also have instability of the knee or weak thigh muscles.

Features and benefits

- Intuitive fitting
 - Reliable application for the technician/therapist and patient
- Easy to put on with one hand
 - Reliable application for the patient
- 3D motion detection in real time
 - Reliable stimulation at the right time
- User app for control and activity measurement
 - Remote control and heel switch are only required as an option
- Integrated 10 m walking test
 - Outcome and results can be analysed
- Thigh stimulator optionally available in two versions
 - Knee instabilities in the sagittal plane can be treated with or without the L300 Go
- Textile electrodes for moistening
 - Easy handling and positioning
- Various electrode designs
 - Better results due to more precise stimulation
- Electrode connections marked in colour
 - Safe and easy for patient to use

Indications

- Drop foot caused by
 - Peroneal paralysis (paresis)
 - Stroke
 - Traumatic brain injury
 - Multiple sclerosis
 - Neural muscular atrophy

Modes of action

- An electrical stimulation impulse causes the dorsiflexion musculature to contract, lifting the foot during the swing phase

Technical data

Article number	For size	Side	Lower leg circumference
28FS300=L-S	S	left (L)	22-31 cm
28FS300=R-S	S	right (R)	22-31 cm
28FS300=L-L	L	left (L)	29-51 cm
28FS300=R-L	L	right (R)	29-51 cm

Information material

646D1249=EN_INT	Lower limb stroke information for practitioners
646D1243=EN_INT	FES information for practitioners
646H15=EN_INT	Stroke user information
646D792=EN_INT	Mobilisation following a stroke
646F340=EN_INT	Stroke indication matrix
647G1363=EN	L300 Go system quick reference guide (user)
647G2004=EN	L300 Go system instructions for use (user)
647G2005=EN	L300 Go system instructions for use (practitioners)

Exclusive Distributor for



NeuroRehabilitation

Lower limb

Spare parts for 28FS300



Lower leg cuff

Reference number 28FS300S

The lower leg cuff is a spare part for the L300 Go.

Technical data

Article number	Side	For size
28FS300S=LG4-6200	left (L)	S
28FS300S=LG4-6100	right (R)	S
28FS300S=LG4-5800	left (L)	L
28FS300S=LG4-5700	right (R)	L



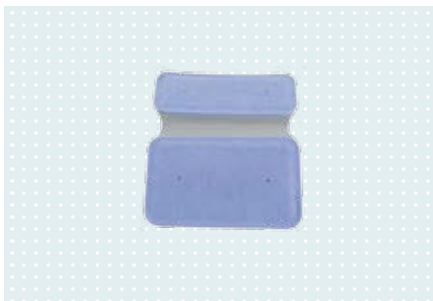
Quick fit electrode

Reference number 28FS300S

The quick fit electrode is used as a spare part for L300 Go and L100 Go.

Technical data

Article number	Side
28FS300S=LG4-1100	left (L)
28FS300S=LG4-1000	right (R)



Small quick fit electrode

Reference number 28FS300S

The small Quick Fit electrode serves as a spare part for size S of the L300 Go.

Technical data

Article number	Description
28FS300S=LG3-6800	Small quick fit electrode A (standard)
28FS300S=LG3-6900	Small quick fit electrode B



Steering electrode

Reference number 28FS300S

The steering electrode is used as a spare part for the L300 Go.

Technical data

Article number	Side
28FS300S=SCE-1100	left (L)
28FS300S=SCE-1000	right (R)



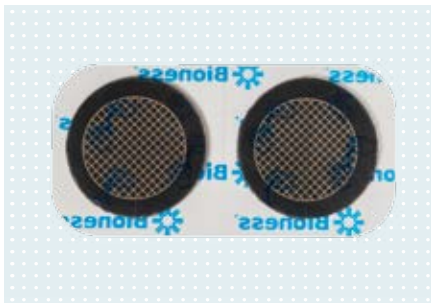
Round textile electrode

Reference number 28FS300S

The round textile electrode is used as a spare part for the L300 Go and L100 Go.

Technical data

Article number	Size	Diameter
28FS300S=LG3-6600	36 mm	36 mm
28FS300S=LG3-4V00	45 mm	45 mm



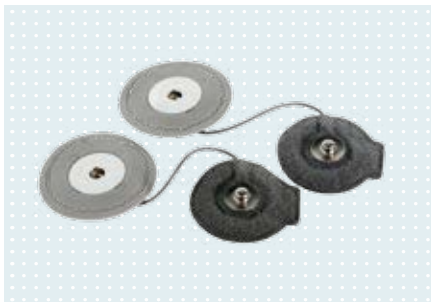
Hydrogel electrode

Reference number 28FS300S

The hydrogel electrode is used as a spare part for the L300 Go and L100 Go.

Technical data

Article number	Size
28FS300S=LG3-5F00	45 mm
28FS300S=LG3-6700	36 mm



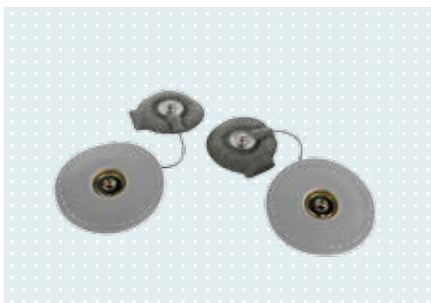
Hydrogel electrode adapter set, 45 mm

Reference number 28FS300S=LG4-5E00

The hydrogel electrode adapter set is used as a spare part for the L300 Go and L100 Go.

Technical data

Article number
28FS300S=LG4-5E00



Textile electrode adapter set, 45 mm

Reference number 28FS300S=LG4-4U00

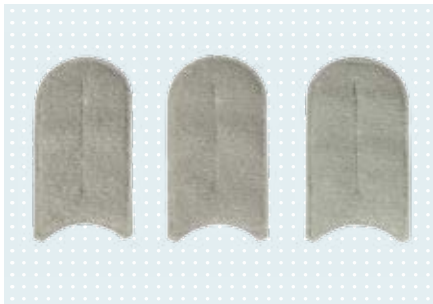
The textile electrode adapter set is a spare part for the L300 Go and L100 Go.

Technical data

Article number
28FS300S=LG4-4U00

NeuroRehabilitation

Lower limb



Cable cover (for adapter sets)

Reference number 28FS300S=LG3-5L00

The cable cover for the adapter set is used as a spare part for the L300 Go and L100 Go.

Technical data

Article number

28FS300S=LG3-5L00



Stimulator/EPG

Reference number 28FS300S=LG4-5300

The stimulator/ EPG is a spare part for the L300 Go and L100 Go.

Technical data

Article number

28FS300S=LG4-5300



Lower leg FS strap

Reference number 28FS300S

The lower leg strap is used as a spare part for the L300 Go.

Technical data

Article number	For size
28FS300S=LG4-5S00	Universal
28FS300S=LG4-5900	S
28FS300S=LG4-5A00	M
28FS300S=LG4-5B00	L
28FS300S=LG4-6300	XS
28FS300S=LG4-6400	XXS



Strap cover, lower leg cuff

Reference number 28FS300S=LG3-4A00

The strap covers for the lower leg cuff are accessories for the L100 Go and L300 Go.

Technical data

Article number	Package contents
28FS300S=LG3-4A00	20 pieces



Inlays

Reference number 28FS300S

The inlays are spare parts for the L300 Go and L100 Go.

Technical data

Article number	Size	Side
28FS300S=LG3-6A10	small	right (R)
28FS300S=LG3-6B10	small	left (L)
28FS300S=LG4-4R00	Standard	right (R)
28FS300S=LG4-4T00	Standard	left (L)

• The illustration shows the standard size.



Magnetic charging cable

Reference number 28FS300S=LG4-7100

The magnetic charging cable is used as a spare part for the L300 Go and L100 Go.

Technical data

Article number
28FS300S=LG4-7100



Carrying strap for remote control

Reference number 28FS300S=20-0005

The neck strap is used as a spare part for the remote control of the L300 Go.

Technical data

Article number
28FS300S=20-0005



System charger with charging adapters

Reference number 28FS300S=LG4-7200

The system charger with charging adapters is a spare part for the L300 Go and L100 Go.

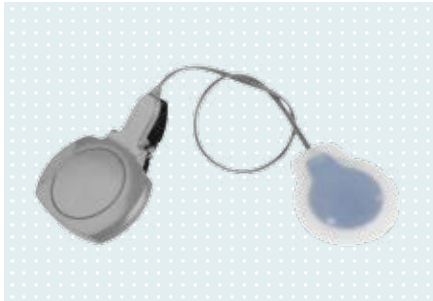
Technical data

Article number
28FS300S=LG4-7200

NeuroRehabilitation

Lower limb

Accessory for 28FS300



Foot sensor

Reference number 28FS300A

The foot sensor is available in a standard and a long version, and serves as a spare part for the L300 Go.

Technical data

Article number	Size
28FS300A=LG4-5400	Standard
28FS300A=LG4-5500	Long



Adhesive pads for foot sensor

Reference number 28FS300A=LG3-5K00

The adhesive pads for the foot sensor are a spare part for the L300 Go.

Technical data

Article number	Package contents
28FS300A=LG3-5K00	2 pieces



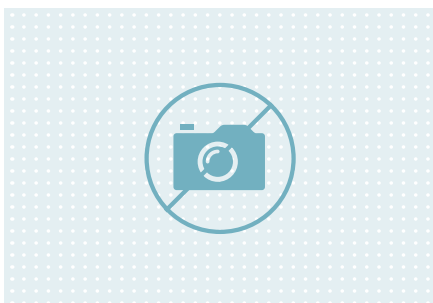
Remote control

Reference number 28FS300A=LG4-5200

The remote control is used as a spare part for the L300 Go.

Technical data

Article number
28FS300A=LG4-5200



Protective cover for remote control

Reference number 28FS300A-LG4-5201

The protective cover for the remote control serves as a spare part for the L300 Go.

Technical data

Article number
28FS300A=LG4-5201



L300 Go System Plus Upgrade

Reference number 28KS300

The L300 Go Plus Upgrade is used in combination with the L300 Go and offers additional support for knee instability and weakness of the thigh muscles.

Features and benefits

- User app for control and activity measurement
 - Remote control and heel switch are only required as an option
- 3D motion detection in real time
 - Reliable stimulation at the right time
- Easy to put on with one hand
 - Reliable application for the patient
- Electrode connections marked in colour
 - Safe and easy for patient to use
- Textile electrodes for moistening
 - Easy handling and positioning
- Integrated 10 m walking test
 - Outcome and results can be analysed
- Intuitive fitting
 - Reliable application for the technician/therapist and patient
- Various electrode designs
 - Better results due to more precise stimulation

Indications

- Drop foot in case of
 - Stroke
 - Traumatic brain injury
 - Multiple sclerosis
 - Neural muscular atrophy

Modes of action

- An electrical stimulation impulse causes the knee-extending or knee-flexing musculature to contract, stabilising the knee

Technical data

Article number	For size	Side	Upper thigh circumference	Lower thigh circumference
28KS300=L-L	L	left (L)	53-85 cm	33-50 cm
28KS300=R-L	L	right (R)	53-85 cm	33-50 cm

Information material

646D1249=EN_INT	Lower limb stroke information for practitioners
646D1243=EN_INT	FES information for practitioners
646H15=EN_INT	Stroke user information
646D792=EN_INT	Mobilisation following a stroke
646F340=EN_INT	Stroke indication matrix
647G1365=EN	L300 Go Plus Upgrade and L300 Go Stand Alone quick reference guide (user)
647G1364=EN	L300 Go Plus Upgrade and L300 Go Stand Alone quick reference guide (practitioners)
647G1363=EN	L300 Go system quick reference guide (user)
647G2004=EN	L300 Go system instructions for use (user)
647G2005=EN	L300 Go system instructions for use (practitioners)

Exclusive Distributor for



NeuroRehabilitation

Lower limb

Spare parts for 28KS300



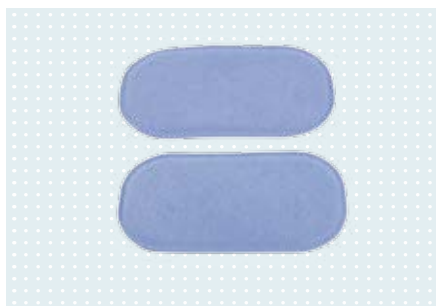
Thigh cuff

Reference number 28KS300S

The thigh cuff is used as a spare part for the L300 Go.

Technical data

Article number	Side
28KS300S=L4P-5400	left (L)
28KS300S=L4P-5500	right (R)



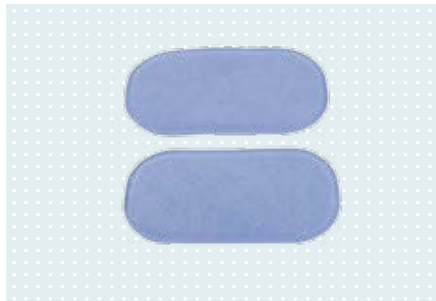
Textile electrode for thigh, offset

Reference number 28KS300S=L3P-5D00

The offset textile electrodes are options for the L300 Go System Plus Upgrade and Stand Alone.

Technical data

Article number
28KS300S=L3P-5D00



Textile electrode for thigh, central

Reference number 28KS300S=L4P-5D00

The central textile electrode is an option for the L300 Go System Plus Upgrade and Stand Alone.

Technical data

Article number
28KS300S=L4P-5D00



Strap cover, thigh cuff

Reference number 28KS300S=L4P-4A00

The strap covers for the thigh are used as spare parts for the L300 Go.

Technical data

Article number	Package contents
28KS300S=L4P-4A00	10 pieces



Strap holder for thigh cuff

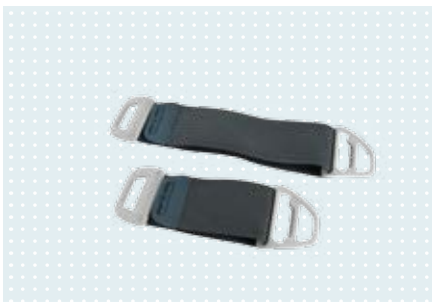
Reference number 28KS300S=L4P-8200

The strap holder for the thigh cuff is used as an option for the L300 Go System Plus Upgrade and Stand Alone.

Technical data

Article number

28KS300S=L4P-8200



Thigh strap incl. buckles

Reference number 28KS300S

The thigh strap set is used as a spare part for the L300 Go System Plus Upgrade and Stand Alone.

Technical data

Article number

28KS300S=L4P-7000

28KS300S=L4P-7100

28KS300S=L4P-7200

Size

small

medium

large



Stimulator/EPG, peripher

Reference number 28KS300S=L4P-5300

Technical data

Article number

28KS300S=L4P-5300



Magnetic charging cable

Reference number 28FS300S=LG4-7100

The magnetic charging cable is used as a spare part for the L300 Go and L100 Go.

Technical data

Article number

28FS300S=LG4-7100



L300 Go System Plus Stand Alone

Reference number 28KS310

The L300 Go System Plus Stand Alone consists of the thigh system. The system offers support for knee instability and weakness of the thigh muscles.

Features and benefits

- User app for control and activity measurement
 - Remote control and heel switch are only required as an option
- 3D motion detection in real time
 - Reliable stimulation at the right time
- Easy to put on with one hand
 - Reliable application for the patient
- Electrode connections marked in colour
 - Safe and easy for patient to use
- Textile electrodes for moistening
 - Easy handling and positioning
- Integrated 10 m walking test
 - Outcome and results can be analysed
- Intuitive fitting
 - Reliable application for the technician/therapist and patient
- Various electrode designs
 - Better results due to more precise stimulation

Indications

- Drop foot in case of
 - Stroke
 - Traumatic brain injury
 - Multiple sclerosis
 - Neural muscular atrophy

Modes of action

- An electrical stimulation impulse causes the knee-extending or knee-flexing musculature to contract, stabilising the knee

Information material

646D1249=EN_INT	Lower limb stroke information for practitioners
646D1243=EN_INT	FES information for practitioners
646H15=EN_INT	Stroke user information
646D792=EN_INT	Mobilisation following a stroke
646F340=EN_INT	Stroke indication matrix
647G1365=EN	L300 Go Plus Upgrade and L300 Go Stand Alone quick reference guide (user)
647G1364=EN	L300 Go Plus Upgrade and L300 Go Stand Alone quick reference guide (practitioners)
647G1363=EN	L300 Go system quick reference guide (user)
647G2004=EN	L300 Go system instructions for use (user)
647G2005=EN	L300 Go system instructions for use (practitioners)

Technical data

Article number	Side
28KS310=L-L	left (L)
28KS310=R-L	right (R)

Exclusive Distributor for



Spare parts for 28KS310



Thigh cuff

Reference number 28KS300S

The thigh cuff is used as a spare part for the L300 Go.

Technical data

Article number	Side
28KS300S=L4P-5400	left (L)
28KS300S=L4P-5500	right (R)



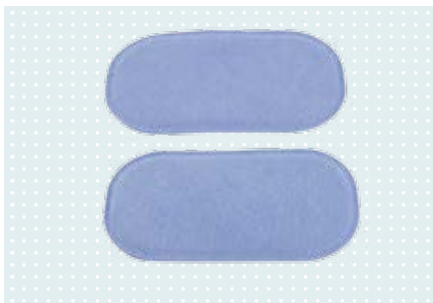
Textile electrode for thigh, offset

Reference number 28KS300S=L3P-5D00

The offset textile electrodes are options for the L300 Go System Plus Upgrade and Stand Alone.

Technical data

Article number
28KS300S=L3P-5D00



Textile electrode for thigh, central

Reference number 28KS300S=L4P-5D00

The central textile electrode is an option for the L300 Go System Plus Upgrade and Stand Alone.

Technical data

Article number
28KS300S=L4P-5D00



Strap cover, thigh cuff

Reference number 28KS300S=L4P-4A00

The strap covers for the thigh are used as spare parts for the L300 Go.

Technical data

Article number	Package contents
28KS300S=L4P-4A00	10 pieces

NeuroRehabilitation

Lower limb



Strap holder for thigh cuff

Reference number 28KS300S=L4P-8200

The strap holder for the thigh cuff is used as an option for the L300 Go System Plus Upgrade and Stand Alone.

Technical data

Article number

28KS300S=L4P-8200



Thigh strap incl. buckles

Reference number 28KS300S

The thigh strap set is used as a spare part for the L300 Go System Plus Upgrade and Stand Alone.

Technical data

Article number

28KS300S=L4P-7000

28KS300S=L4P-7100

28KS300S=L4P-7200

Size

small

medium

large



Stimulator/EPG

Reference number 28FS300S=LG4-5300

The stimulator/ EPG is a spare part for the L300 Go and L100 Go.

Technical data

Article number

28FS300S=LG4-5300



Magnetic charging cable

Reference number 28FS300S=LG4-7100

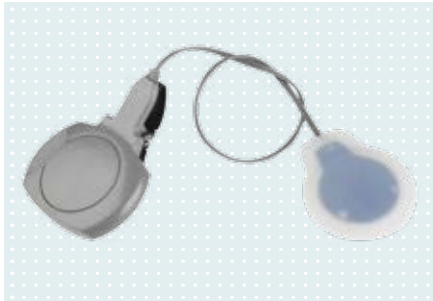
The magnetic charging cable is used as a spare part for the L300 Go and L100 Go.

Technical data

Article number

28FS300S=LG4-7100

Accessory for 28KS310



Foot sensor

Reference number 28FS300A

The foot sensor is available in a standard and a long version, and serves as a spare part for the L300 Go.

Technical data

Article number	Size
28FS300A=LG4-5400	Standard
28FS300A=LG4-5500	Long



Adhesive pads for foot sensor

Reference number 28FS300A=LG3-5K00

The adhesive pads for the foot sensor are a spare part for the L300 Go.

Technical data

Article number	Package contents
28FS300A=LG3-5K00	2 pieces

NeuroRehabilitation

Lower limb



Clinician's programmer kit

Reference number 28FS300=PROGRAMMER

The L300 Go clinician's programmer kit is used to carry out the individual L300 Go settings for the patient.

Technical data

Article number

28FS300=PROGRAMMER

Spare parts for 28FS300=PROGRAMMER



Bluetooth dongle

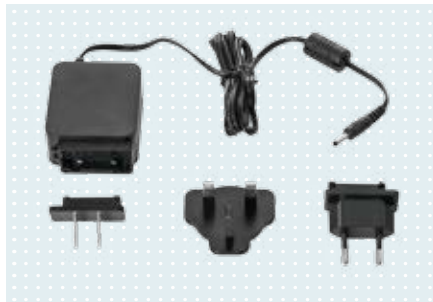
Reference number 28FS300S=LG4-BT01

The Bluetooth dongle is used as a spare part for the L300 Go and L100 Go.

Technical data

Article number

28FS300S=LG4-BT01



Clinician's programmer charger + adapter

Reference number 28PS200S=20-0014

The charger and the adapter are spare parts for the clinician programmer.

Technical data

Article number

28PS200S=20-0014



Clinical kit/basic equipment for professionals

Reference number 28FS300=CLINICKIT

The clinical kit is used to identify patients for whom the L100 Go or L300 Go is a suitable fitting solution.

Technical data

Article number

28FS300=CLINICKIT

Spare parts for 28FS300=CLINICKIT



Fitting cable

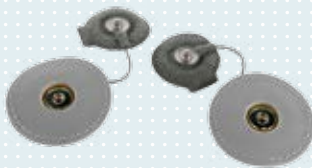
Reference number 28FS300S=LG3-4900

The fitting cable is a spare part for the L300 Go and L100 Go.

Technical data

Article number

28FS300S=LG3-4900



Textile electrode adapter set, 45 mm

Reference number 28FS300S=LG4-4U00

The textile electrode adapter set is a spare part for the L300 Go and L100 Go.

Technical data

Article number

28FS300S=LG4-4U00



Strap cover, lower leg cuff

Reference number 28FS300S=LG3-4A00

The strap covers for the lower leg cuff are accessories for the L100 Go and L300 Go.

Technical data

Article number

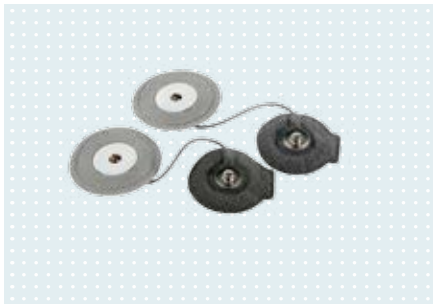
28FS300S=LG3-4A00

Package contents

20 pieces

NeuroRehabilitation

Lower limb



Hydrogel electrode adapter set, 45 mm

Reference number 28FS300S=LG4-5E00

The hydrogel electrode adapter set is used as a spare part for the L300 Go and L100 Go.

Technical data

Article number

28FS300S=LG4-5E00



Inlays

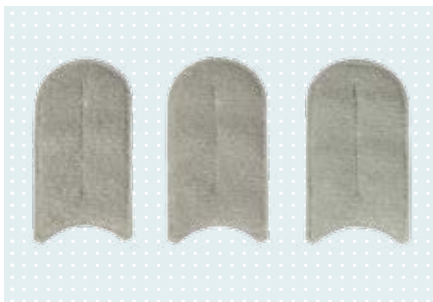
Reference number 28FS300S

The inlays are spare parts for the L300 Go and L100 Go.

Technical data

Article number	Size	Side
28FS300S=LG3-6A10	small	right (R)
28FS300S=LG3-6B10	small	left (L)
28FS300S=LG4-4R00	Standard	right (R)
28FS300S=LG4-4T00	Standard	left (L)

• The illustration shows the standard size.



Cable cover (for adapter sets)

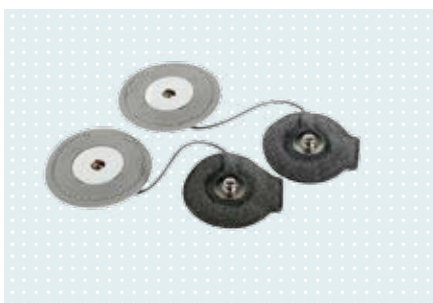
Reference number 28FS300S=LG3-5L00

The cable cover for the adapter set is used as a spare part for the L300 Go and L100 Go.

Technical data

Article number

28FS300S=LG3-5L00



Small electrode adapter set, 36 mm

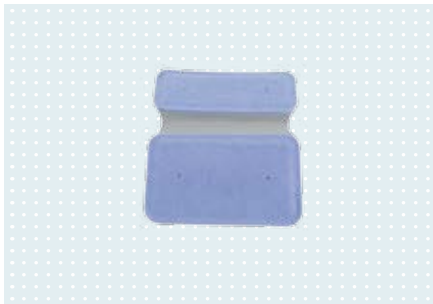
Reference number 28FS300S=LG3-6500

The small electrode adapter set is used as a spare part for the L300 Go and L100 Go.

Technical data

Article number

28FS300S=LG3-6500



Small quick fit electrode

Reference number 28FS300S

The small Quick Fit electrode serves as a spare part for size S of the L300 Go.

Technical data

Article number	Description
28FS300S=LG3-6800	Small quick fit electrode A (standard)
28FS300S=LG3-6900	Small quick fit electrode B



Quick fit electrode

Reference number 28FS300S

The quick fit electrode is used as a spare part for L300 Go and L100 Go.

Technical data

Article number	Side
28FS300S=LG4-1100	left (L)
28FS300S=LG4-1000	right (R)



Round textile electrode

Reference number 28FS300S

The round textile electrode is used as a spare part for the L300 Go and L100 Go.

Technical data

Article number	Size	Diameter
28FS300S=LG3-6600	36 mm	36 mm
28FS300S=LG3-4V00	45 mm	45 mm



Steering electrode

Reference number 28FS300S

The steering electrode is used as a spare part for the L300 Go.

Technical data

Article number	Side
28FS300S=SCE-1100	left (L)
28FS300S=SCE-1000	right (R)



Stimulation tester

Reference number 28FS300S=20-0004

The stimulation tester is a spare part for the L300 Go and L100 Go.

Technical data

Article number
28FS300S=20-0004

NeuroRehabilitation

Lower limb



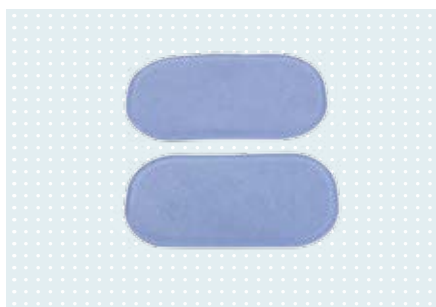
Cover for thigh cuff

Reference number 28KS300S

Cover as an option for the thigh cuff for the L300 Go Upgrade and Stand Alone

Technical data

Article number	Side
28KS300S=L4P-8100	left (L)
28KS300S=L4P-8000	right (R)



Textile electrode for thigh, offset

Reference number 28KS300S=L3P-5D00

The offset textile electrodes are options for the L300 Go System Plus Upgrade and Stand Alone.

Technical data

Article number
28KS300S=L3P-5D00



Strap cover, thigh cuff

Reference number 28KS300S=L4P-4A00

The strap covers for the thigh are used as spare parts for the L300 Go.

Technical data

Article number	Package contents
28KS300S=L4P-4A00	10 pieces



Strap holder for thigh cuff

Reference number 28KS300S=L4P-8200

The strap holder for the thigh cuff is used as an option for the L300 Go System Plus Upgrade and Stand Alone.

Technical data

Article number
28KS300S=L4P-8200



Genu Neurexa

Reference number 8165

Knee guiding orthosis for the prevention of hyperextension, primarily following a stroke.

Features and benefits

- Three-point principle, straps with guaranteed tensile strength, range of motion for splints can be limited, and/or continuously variable cross-strap against hyperextension
 - Counteracts hyperextension of the knee joint during the stance phase; hyperextension strap makes the brace suitable for gait training in therapy
- Brace splint joints adjustable in 10° increments
 - Limits extension and flexion of the knee joint, resulting in pressure distribution, not limited to the hyperextension strap but can also be assumed by extension stops.
- Climate-regulating material
 - High acceptance and wearer comfort
- Front closure
 - Several alternatives for applying the brace
- Machine washable at 40 °C
 - Hygienic

Indications

- Paresis of leg muscles resulting in hyperextension of the knee following
 - Stroke
 - Intervertebral disc prolapse in the lumbar spine
 - Peripheral nerve damage

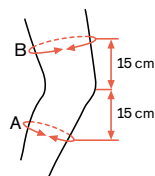
Modes of action

- Supports and stabilises the knee joint
- Improves proprioception
- Supports sensorimotor function
- Prevents hyperextension
- Promotes the reduction of oedemas and haematomas
- Can relieve pain

Information material

646D507=EN_INT	Neurexa line – information for practitioners
646F340=EN_INT	Stroke indication matrix
647G601=ALL_INT	8165 Instructions for use

Technical data



Article number	For size	Colour	Lower leg circumference A	Thigh circumference B
8165=XS-7	XS	Black	32 - 35	38 - 42
8165=XS-9	XS	Beige	32 - 35	38 - 42
8165=S-7	S	Black	35 - 38	42 - 46
8165=S-9	S	Beige	35 - 38	42 - 46
8165=M-7	M	Black	38 - 41	46 - 50
8165=M-9	M	Beige	38 - 41	46 - 50
8165=L-7	L	Black	41 - 44	50 - 54
8165=L-9	L	Beige	41 - 44	50 - 54
8165=XL-7	XL	Black	44 - 48	54 - 58
8165=XL-9	XL	Beige	44 - 48	54 - 58

NeuroRehabilitation

Upper limb



Manu Neurexa plus

Reference number 28P30

Wrist stabilisation orthosis with adjustable wrist joint, can be combined with hand support rest and Omo Neurexa plus.

Features and benefits

- Only one universal size and side
 - Easy to position and adapt
- Can be combined with the 5065N=* Omo Neurexa plus without using tools
 - Improved effect
- Can be combined with the 28P31 hand support rest without using tools
 - Can also be worn as a positioning orthosis
- High-quality TriTech climate fabric
 - High wearer comfort
 - Flexible fitting

Indications

- Incomplete paralysis (paresis) of the forearm and hand musculature, for example due to hemiplegia following a stroke
- Intervertebral disc prolapse in the cervical spine
- Injury of the brachial plexus

Modes of action

- Relieves the wrist in a continuously variable functional position
- Limits the range of motion of the wrist in the palmar direction
- Holds the hand with either palmar or dorsal support
- Supports gripping ability
- Can prevent malpositions
- Suitable for overnight positioning in combination with the 28P31 hand support rest
- Increased effectiveness for repositioning of the shoulder in combination with the 5065N=* Omo Neurexa plus
- Can relieve pain

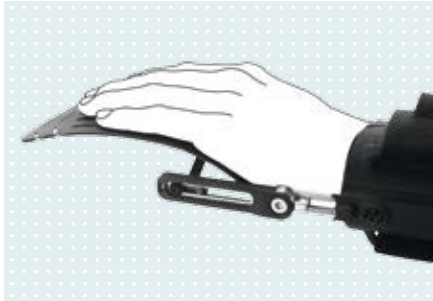
Technical data

Article number	For size
28P30	Universal

Information material

646D1126=EN_INT	5065N/28P30 information for practitioners
646D507=EN_INT	Neurexa line – information for practitioners
646D1251=EN_INT	Upper limb stroke information for practitioners
646H15=EN_INT	Stroke user information
646D792=EN_INT	Mobilisation following a stroke
646F340=EN_INT	Stroke indication matrix
647G1282=ALL_INT	28P30 Instructions for use

Accessory for 28P30



Hand support rest for the Manu Neurexa plus

Reference number 28P31

The optional hand support rest provides support for the fingers and hand in addition to the fitting with the Manu Neurexa plus. Particularly intended for use during therapy or at night as a night positioning orthosis.

Technical data

Reference number	For size
28P31	Universal



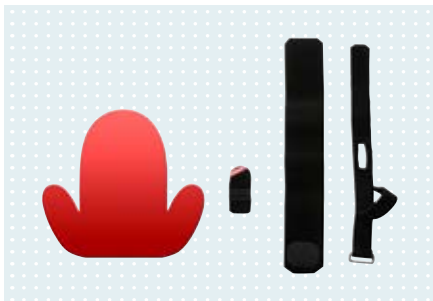
Pad set for Manu Neurexa plus

Reference number 29P32

Pad set for the Manu Neurexa plus

Technical data

Article number	For size
29P32	Universal



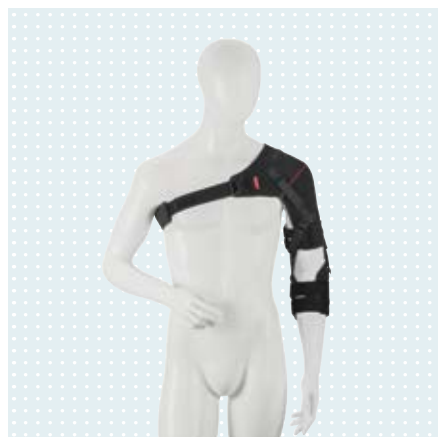
Pad set for hand support rest for 28P31

Reference number 29P31

Pad set for the hand support rest for the Manu Neurexa plus

Technical data

Article number	For size
29P31	Universal



Omo Neurexa plus

Reference number 5065N

Shoulder orthosis, stabilises and relieves the paretic shoulder.

Features and benefits

- Special orthosis design
 - Can be put on independently with one hand
- Design permits re-alignment of the humeral head
 - Reduces pain; proven to improve gait pattern
- Forearm and shoulder sections with silicone strips on the inside
 - Best possible positioning and firm fit, optimised transmission of tensile forces
- Various lengths of traction elements included in scope of delivery
 - Individual adaptation to various user heights
- Can be combined with the 28P30 Manu Neurexa plus without using tools
 - Improved effect
- TriTech climate-regulating material
 - High acceptance and wearer comfort
- Machine washable at 40°
 - Hygienic

Indications

- Flaccid and painful restriction of movement in the shoulder and arm musculature
 - Hemiparesis
 - Plexus injury (lesion)
 - Peripheral nerve damage to the cervical spine
 - Subluxation of the shoulder due to neurological causes

Modes of action

- Realigns the humeral head in the socket
- Improves body posture due to better sensorimotor control, resulting in a more physiological gait pattern
- Supports the arm position in extension with slight exterior rotation
- Reduces spasticity of the upper limbs
- Can relieve pain

Technical data



Article number	For size	Side	Colour	Chest circumference
5065N=L-XXS-7	XXS	left (L)	Black	73 - 78 cm
5065N=R-XXS-7	XXS	right (R)	Black	73 - 78 cm
5065N=L-XS-7	XS	left (L)	Black	79 - 86 cm
5065N=R-XS-7	XS	right (R)	Black	79 - 86 cm
5065N=L-S-7	S	left (L)	Black	87 - 94 cm
5065N=R-S-7	S	right (R)	Black	87 - 94 cm
5065N=L-L-7	L	left (L)	Black	103 - 110 cm
5065N=R-L-7	L	right (R)	Black	103 - 110 cm
5065N=L-XL-7	XL	left (L)	Black	111 - 118 cm
5065N=R-XL-7	XL	right (R)	Black	111 - 118 cm

Information material

646D1126=EN_INT	5065N/28P30 information for practitioners
646D507=EN_INT	Neurexa line – information for practitioners
646D1251=EN_INT	Upper limb stroke information for practitioners
646H15=EN_INT	Stroke user information
646D792=EN_INT	Mobilisation following a stroke
646F340=EN_INT	Stroke indication matrix
646F478=EN_INT	Poster: Omo Neurexa: application and function
647G1260	5065N Donning guide
647G1224=ALL_INT	5065N Instructions for use



H200 Wireless

Reference number 28PS200

Based on functional electrical stimulation, the H200 Wireless can improve the hand's active range of motion and provide support for simple grasping movements in everyday life.

Features and benefits

- Easy one-hand operation
 - Independent use by the patient
- Remote control for selecting the stimulation program
 - Fast switching from functional hand mode to training mode
- Functional electrical stimulation of the hand
 - Improves and utilises hand function
- Regular training possible with training mode
 - Counteracts spasticity, rebuilds musculature
- Training mode
 - Expands active range of motion

Indications

- Stroke
- Brain injuries (craniocerebral trauma)
- Incomplete spinal cord injury
- Neurological disorders

Modes of action

- An electrical stimulation impulse causes the forearm musculature to contract, lifting or opening the hand

Technical data

Article number	For size	Side	A Wrist circumference (cm) distal to the ulnar styloid process	B Forearm circumference (cm) 8 cm distal from the lateral epicondyle	C Forearm length (cm) distal wrist fold to elbow fold
28PS200=L-S	S	left (L)	Approx. 14.5–20 cm	Approx. 17–20 cm	> 24 cm
28PS200=R-S	S	right (R)	Approx. 14.5–20 cm	Approx. 17–20 cm	> 24 cm
28PS200=L-M	M	left (L)	Approx. 14.5–20 cm	> 20 cm	> 24 cm
28PS200=R-M	M	right (R)	Approx. 14.5–20 cm	> 20 cm	> 24 cm
28PS200=L-L	L	left (L)	Approx. 17–25 cm	> 20 cm	< 24 cm
28PS200=R-L	L	right (R)	Approx. 17–25 cm	> 20 cm	< 24 cm

Information material

646D1251=EN_INT	Upper limb stroke information for practitioners
646D1243=EN_INT	FES information for practitioners
646D792=EN_INT	Mobilisation following a stroke
646F340=EN_INT	Stroke indication matrix
647G1400=EN	H200 Wireless system quick reference guide (user)
647G1401=EN	H200 Wireless system quick reference guide (practitioners)
647G1396=EN	H200 Wireless system instructions for use

Exclusive Distributor for



NeuroRehabilitation

Upper limb

Spare parts for 28PS200



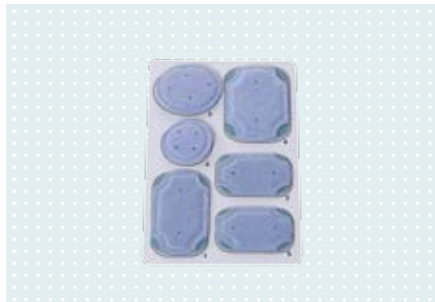
H200 Wireless orthosis

Reference number 28PS200S

The H200 Wireless orthosis is a spare part for the H200 Wireless.

Technical data

Article number	For size	Side
28PS200S=H2W-5700	S	left (L)
28PS200S=H2W-5800	S	right (R)
28PS200S=H2W-5900	M	left (L)
28PS200S=H2W-5A00	M	right (R)
28PS200S=H2W-5B00	L	left (L)
28PS200S=H2W-5C00	L	right (R)



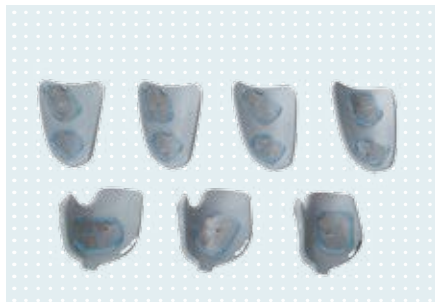
H200 Wireless textile electrodes

Reference number 28PS200S=H2W-5D00

Textile electrodes for the H200 Wireless

Technical data

Article number
28PS200S=H2W-5D00



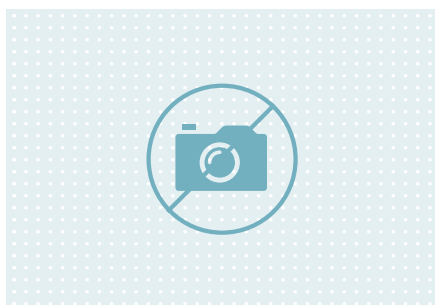
Set of mounting plates

Reference number 28PS200S

The set of mounting plates is a spare part for the H200 Wireless.

Technical data

Article number	For size	Side
28PS200S=HR2-4200	S/M	left (L)
28PS200S=HR2-4300	S/M	right (R)
28PS200S=HR2-4400	L	left (L)
28PS200S=HR2-4500	L	right (R)



FPL panel

Reference number 28PS200S

The electrode holder close to the wrist is a spare part for the H200 Wireless.

Technical data

Article number	For size	Side
28PS200S=H2W-6300	S/M	right (R)
28PS200S=H2W-6400	S/M	left (L)
28PS200S=H2W-6500	L	right (R)
28PS200S=H2W-6600	L	left (L)



Wrist loop

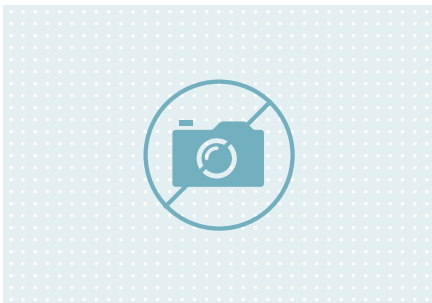
Reference number 28PS200S=HR2-5K00

The wrist loop is a spare part for the H200 Wireless.

Technical data

Article number

28PS200S=HR2-5K00



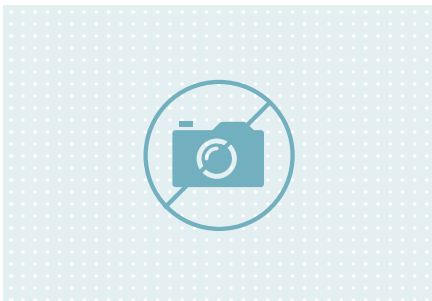
Wrist pad

Reference number 28PS200S

The wrist pads are spare parts for the H200 Wireless.

Technical data

Article number	For size	Size	Side
28PS200S=HR2-6J00	S/M	Thin	left (L)
28PS200S=HR2-6M00	S/M	Thin	right (R)
28PS200S=HR2-6H00	S/M	Medium	left (L)
28PS200S=HR2-6L00	S/M	Medium	right (R)
28PS200S=HR2-6G00	S/M	Thick	left (L)
28PS200S=HR2-6K00	S/M	Thick	right (R)
28PS200S=HR2-6600	L	Thin	left (L)
28PS200S=HR2-6900	L	Thin	right (R)
28PS200S=HR2-6500	L	Medium	left (L)
28PS200S=HR2-6800	L	Medium	right (R)
28PS200S=HR2-6400	L	Thick	left (L)
28PS200S=HR2-6700	L	Thick	right (R)



Wrist pad covers

Reference number 28PS200S

The wrist pad covers are spare parts for the H200 Wireless.

Technical data

Article number	For size
28PS200S=H2W-6A00	S/M
28PS200S=H2W-6B00	L



Ball of thumb supports

Reference number 28PS200S

The ball of thumb supports are spare parts for the H200 Wireless.

Technical data

Article number	For size	Size	Side
28PS200S=HR2-6A00	S/M	medium	left (L)
28PS200S=HR2-6B00	S/M	large	left (L)
28PS200S=HR2-6C00	S/M	medium	right (R)
28PS200S=HR2-6D00	S/M	large	right (R)

NeuroRehabilitation

Upper limb



Screw for wrist pad

Reference number 28PS200S

The screw for the wrist pad is a spare part for the H200 Wireless.

Technical data

Article number	For size
28PS200S=HR2-4A00	S/M
28PS200S=HR2-4B00	L



Screws for ball of thumb support

Reference number 28PS200S=HR2-4C00

The screws for the ball of thumb support are a spare part for the H200 Wireless.

Technical data

Article number
28PS200S=HR2-4C00



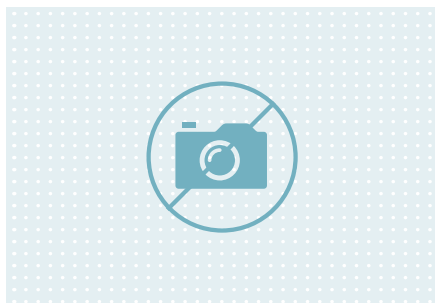
FPL panel screw

Reference number 28PS200S

The FPL panel screw is a spare part for the H200 Wireless.

Technical data

Article number	For size
28PS200S=HR2-4900	S/M
28PS200S=HR2-4800	L



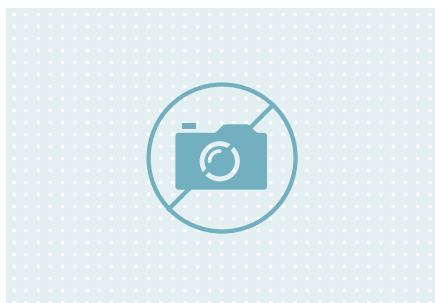
H200 Wireless system charger

Reference number 28PS200S=L3P-5G00

The H200 Wireless system charger is a spare part for the H200 Wireless.

Technical data

Article number
28PS200S=L3P-5G00



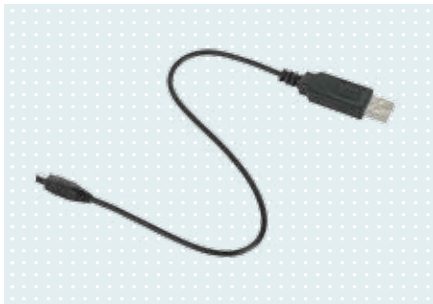
Y system charging cable

Reference number 28PS200S=LG3-5C00

The Y system charger cable is a spare part for the H200 Wireless.

Technical data

Article number
28PS200S=LG3-5C00



Clinician programmer connection cable

Reference number 28PS200S

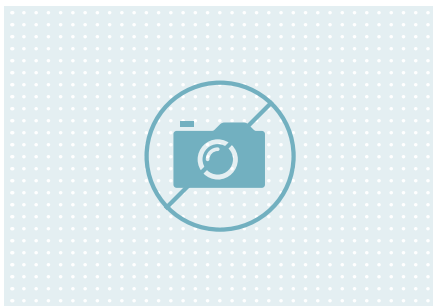
Connection cable for H200 Wireless clinician programmer

Technical data

Article number

28PS200S=20-0013

Accessory for 28PS200



Belt pouch for remote control

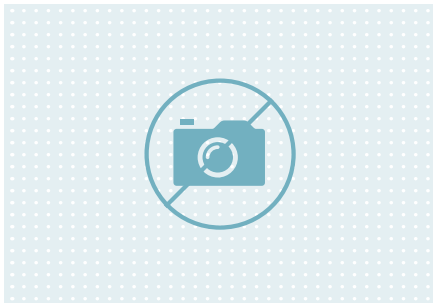
Reference number 28PS200A=20-0007

Belt pouch for the remote control of the H200 Wireless

Technical data

Article number

28PS200A=20-0007



Flexor attachment plate

Reference number 28PS200A

Flexor attachment plate for H200 Wireless

Technical data

Article number	For size	Side
28PS200A=HR2-7400	S/M	right (R)
28PS200A=HR2-7500	S/M	right (R)
28PS200A=HR2-7600	S/M	right (R)
28PS200A=HR2-7B00	S/M	left (L)
28PS200A=HR2-7C00	S/M	left (L)
28PS200A=HR2-7D00	S/M	left (L)
28PS200A=HR2-7J00	L	right (R)
28PS200A=HR2-7K00	L	right (R)
28PS200A=HR2-7L00	L	right (R)
28PS200A=HR2-7T00	L	left (L)
28PS200A=HR2-7U00	L	left (L)
28PS200A=HR2-7V00	L	left (L)

NeuroRehabilitation

Upper limb



H200 Wireless remote control

Reference number 28PS200A=H2W-5600

Remote control for the H200 Wireless

Technical data

Article number

28PS200A=H2W-5600



Carrying strap for remote control

Reference number 28PS200A=20-0005

Neck strap for remote control for H200 Wireless

Technical data

Article number

28PS200A=20-0005



Wrist loop for remote control

Reference number 28PS200A=LG3-5H00

Wrist loop for the remote control for the H200 Wireless

Technical data

Article number

28PS200A=LG3-5H00



Set of mounting plates

Reference number 28PS200S

The set of mounting plates is a spare part for the H200 Wireless.

Technical data

Article number	For size	Side
28PS200S=HR2-4200	S/M	left (L)
28PS200S=HR2-4300	S/M	right (R)
28PS200S=HR2-4400	L	left (L)
28PS200S=HR2-4500	L	right (R)



Extensor attachment plate

Reference number 28PS200A

The extensor attachment plate is a spare part for the H200 Wireless.

Technical data

Article number	For size	Side
28PS200A=HR2-7000	S/M	right (R)
28PS200A=HR2-7100	S/M	right (R)
28PS200A=HR2-7200	S/M	right (R)
28PS200A=HR2-7300	S/M	right (R)
28PS200A=HR2-7700	S/M	left (L)
28PS200A=HR2-7800	S/M	left (L)
28PS200A=HR2-7900	S/M	left (L)
28PS200A=HR2-7A00	S/M	right (R)
28PS200A=HR2-7E00	L	right (R)
28PS200A=HR2-7F00	L	right (R)
28PS200A=HR2-7G00	L	right (R)
28PS200A=HR2-7H00	L	right (R)
28PS200A=HR2-7M00	L	left (L)
28PS200A=HR2-7N00	L	left (L)
28PS200A=HR2-7P00	L	left (L)
28PS200A=HR2-7R00	L	right (R)



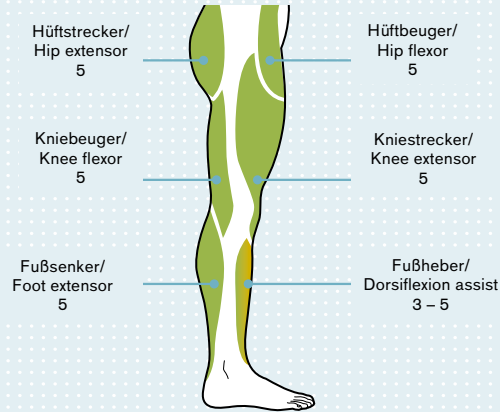
AFO

All ankle joints and dynamic components are presented in this section.



Visit www.ottobock.com to obtain up-to-date product information at any time.

BILATERAL



17AF2



17AF10
X-ible



17B62



17B60
17B61
17B64
17B100
17F36



17Y128
17Y129

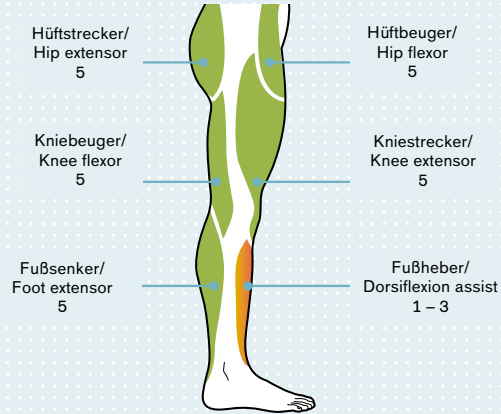


17B38
17B39



17AF10 X-ible
vorflektiert/with dorsal
assist

BILATERAL



17PA1



17AD1



17B63



17B99
17B101
17B107
17B108
17F70



17Y128
17Y129



17B38
17B39



17B66



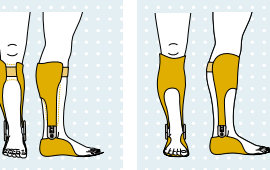
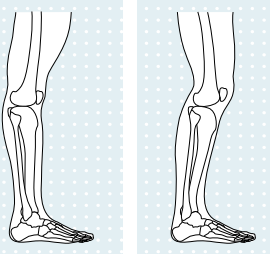
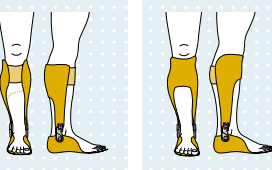
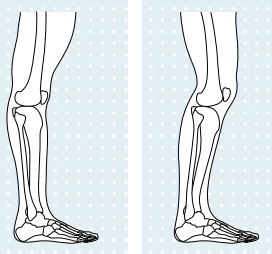
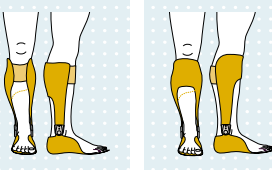
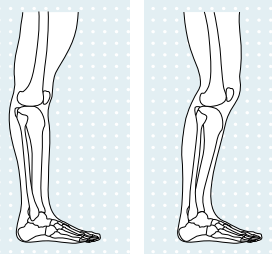
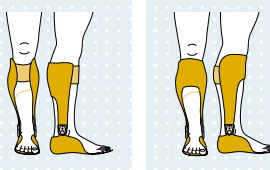
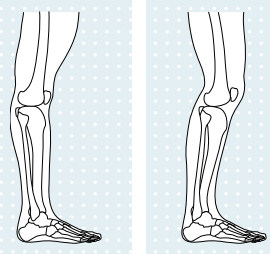
17Y128
17Y129

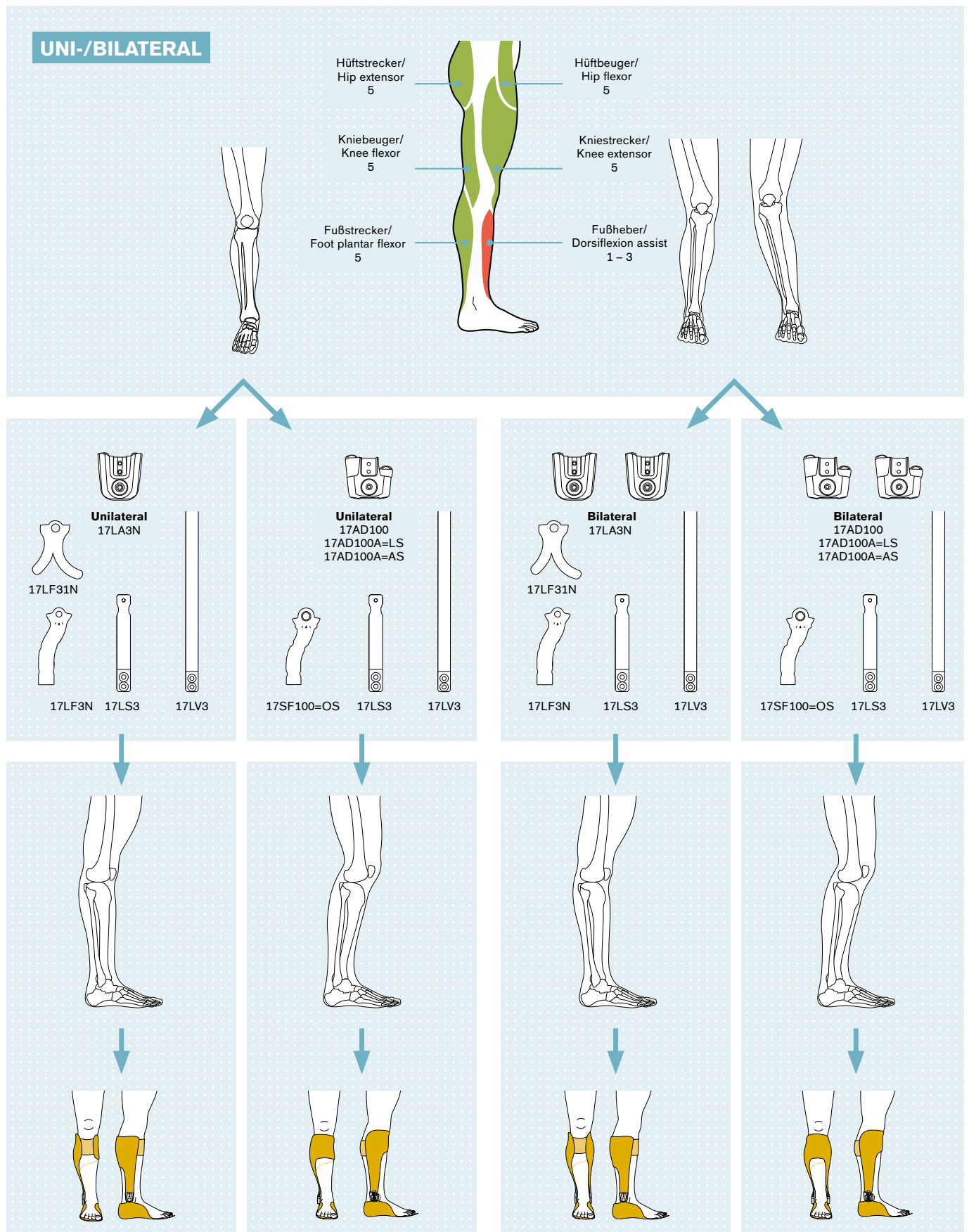


17B113
17B114
17B115
17B116

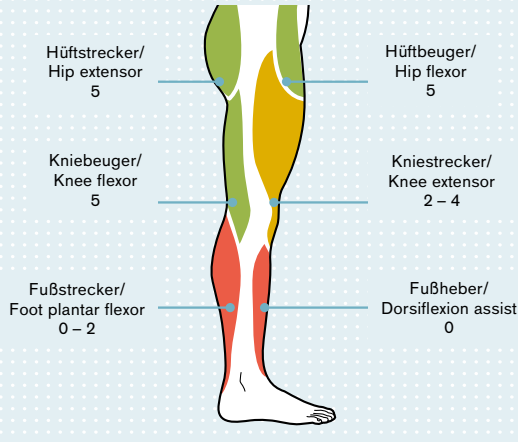


17B38
17B39





UNI-/BILATERAL



Unilateral
17AD100
17AD100A=HS
17AD100A=HS

17SF100=OS 17LS3 17LV3

17CF1

Bilateral
17AD100
17AD100A=HS
17AD100A=HS

17SF100=OS 17LS3 17LV3

17CF1



X-ible

Reference number 17AF10

Stabilises the ankle joint in the frontal plane.



Technical data

Article number	Size	Length	Quantity unit
17AF10=S	S	3.2 cm	2
17AF10=M	M	3.8 cm	2
17AF10=L	L	4.5 cm	2



X-ible

Reference number 17AF10

Pre-flexed to support dorsiflexion in the sagittal plane.



Technical data

Article number	Size	Length	Degree of hardness	Quantity unit
17AF10=S-DA-LT	S	3.2 cm	75	2
17AF10=S-DA-MD	S	3.2 cm	85	2
17AF10=S-DA-ST	S	3.2 cm	95	2
17AF10=M-DA-LT	M	3.8 cm	75	2
17AF10=M-DA-MD	M	3.8 cm	85	2
17AF10=M-DA-ST	M	3.8 cm	95	2
17AF10=L-DA-LT	L	4.5 cm	75	2
17AF10=L-DA-MD	L	4.5 cm	85	2
17AF10=L-DA-ST	L	4.5 cm	95	2

Information material

646D1205=EN_INT	17AF10 information for practitioners
646D1306=EN_INT	Ankle joint selection guide
646F465=ALL_INT	AFO selection guide
646T523=EN	Technical information – X-ible Flexible ankle joints, fabrication of an orthosis using thermoplastic technology
647G1234=ALL_INT	17AF10 instructions for use

Spare parts for 17AF10



Dummy for 17AF10

Reference number 17AF10A

Technical data

Article number	Spare part for
17AF10A=DY-S	17AF10=S 17AF10=S-DA-LT 17AF10=S-DA-MD 17AF10=S-DA-ST
17AF10A=DY-M	17AF10=M 17AF10=M-DA-LT 17AF10=M-DA-MD 17AF10=M-DA-ST
17AF10A=DY-L	17AF10=L 17AF10=L-DA-LT 17AF10=L-DA-MD 17AF10=L-DA-ST



Free motion ankle joint

Reference number 17AF2

For use in thermoplastic AFOs. No maintenance required. With parallel alignment tool.



Technical data

Article number	Overall length upper section – foot stirrup	Material	Quantity unit
17AF2=77	77,5 mm	Stainless steel	Pair

Information material

646D1279=EN_INT	Conventional joint bar system information for practitioners
646D1306=EN_INT	Ankle joint selection guide
646F465=ALL_INT	AFO selection guide
647G166=ALL_INT	17AD1/17AF2 instructions for use



Ankle joint bar for children

Reference number 17F34

Free-motion ankle joint bar

Range of motion of +/- 30° adjustable by filing upper section of ankle joint bar

Forged foot stirrup, flat bar profile, fixed joint, upper sections and foot stirrup



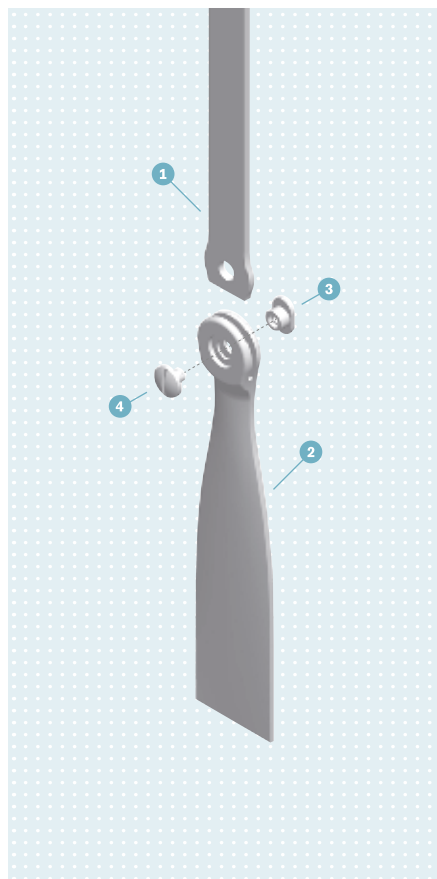
Technical data

Article number	Bar length	Bar width	Bar thickness	Stirrup length from joint centre	Stirrup width	Joint head Ø	Material	Quantity unit
17F34=6	180 mm	12 mm	2 mm	115 mm	25 mm	16 mm	Stainless steel	Pair
17F34=5	240 mm	14 mm	2 mm	130 mm	30 mm	18 mm	Stainless steel	Pair

Information material

647G2=ALL_INT	Instructions for use – system/leg bars
---------------	--

Spare parts for 17F34

**(1) Ankle joint bar, upper section**

Reference number 17A4

Technical data

Article number	Spare part for	Bar length	Bar width	Bar thickness	Material	Quantity unit
17A4=5	17F34=5	240 mm	14 mm	2 mm	Stainless steel	Piece
17A4=6	17F34=6	180 mm	12 mm	2 mm	Stainless steel	Piece

(2) Foot stirrup

Reference number 17C4

Technical data

Article number	Spare part for	Stirrup length	Joint head Ø	Material	Quantity unit
17C4=5	17F34=5	130 mm	18 mm	Stainless steel	Piece
17C4=6	17F34=6	115 mm	16 mm	Stainless steel	Piece

(3) Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	Spare part for	Insertion length	Profile length	Shank length	Thread	Shoulder Ø	Quantity unit
17Y93=6X4.75XM4	17F34=5 17F34=6	3.5 mm	12 mm	4.75 mm	M4	6 mm	Piece
17Y93=6.5X4.75XM4	17F34=5 17F34=6	3.5 mm	12 mm	4.75 mm	M4	6.5 mm	Piece
17Y93=7X4.75XM4	17F34=5 17F34=6	3.5 mm	12 mm	4.75 mm	M4	7 mm	Piece

(4) Slotted truss head screw

Reference number 501S32

Technical data

Article number	Spare part for	Length	Head Ø	Thread	Material	Quantity unit
501S32=M4X10X7.5	17F34=5 17F34=6	7.5 mm	10 mm	M4	Stainless steel	Piece



Ankle joint bar for children

Reference number 17F24

Free-motion ankle joint bar Range of motion of +/- 30° adjustable by filing upper section of ankle joint bar

Forged foot stirrup, fixed joint, upper sections and foot stirrup



Technical data

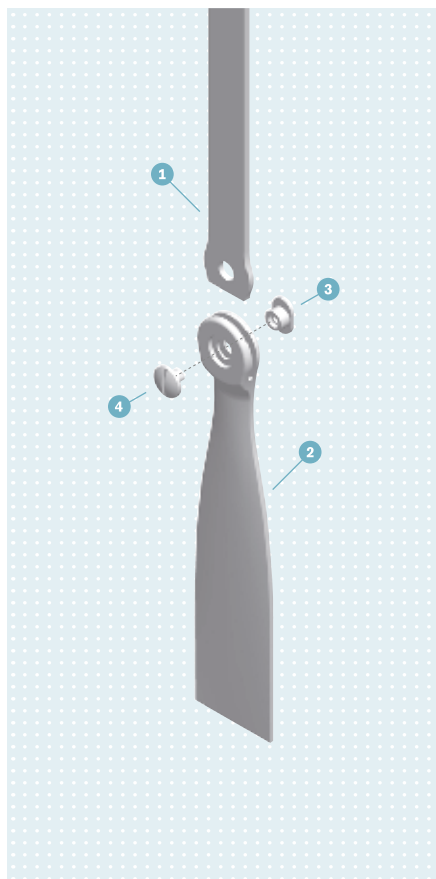
Article number	Bar length	Bar width	Bar thickness	Stirrup length from joint centre	Stirrup width	Joint head Ø	Quantity unit
17F24=5	300 mm	15 mm	3 mm	130 mm	40 mm	20 mm	Pair
17F24=4	300 mm	15 mm	3 mm	130 mm	40 mm	22 mm	Pair
17F24=2	390 mm	18 mm	3 mm	150 mm	40 mm	24 mm	Pair

Information material

647G2=ALL_INT

Instructions for use – system/leg bars

Spare parts for 17F24



(1) Ankle joint bar, upper section

Reference number 17A3

Technical data

Article number	Spare part for	Bar length	Bar width	Bar thickness	Material	Quantity unit
17A3=2	17F24=2	390 mm	18 mm	3 mm	Stainless steel	Piece
17A3=4	17F24=4	300 mm	15 mm	3 mm	Stainless steel	Piece
17A3=5	17F24=5	300 mm	15 mm	3 mm	Stainless steel	Piece

(2) Foot stirrup with bearing nut and truss head screw

Reference number 17C3

Technical data

Article number	Spare part for	Stirrup length	Joint head Ø	Material	Quantity unit
17C3=2	17F24=2	150 mm	24 mm	Stainless steel	Piece
17C3=4	17F24=4	130 mm	22 mm	Stainless steel	Piece
17C3=5	17F24=5	130 mm	20 mm	Stainless steel	Piece

(3) Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	Spare part for	Insertion length	Profile length	Shank length	Thread	Shoulder Ø	Quantity unit
17Y93=7X7XM5	17F24=2 17F24=4 17F24=5	5.5 mm	12 mm	7 mm	M5	7 mm	Piece
17Y93=7.5X7XM5	17F24=2 17F24=4 17F24=5	5.55 mm	12 mm	7 mm	M5	7.5 mm	Piece

(4) Slotted truss head screw

Reference number 501S32

Technical data

Article number	Length	Head Ø	Thread	Material	Quantity unit
501S32=M5X12X9.5	9.5 mm	12 mm	M5	Stainless steel	Piece



System ankle joint

Reference number 17B62

System ankle joint with range of motion of +/- 30°, to be established by filing the foot stirrup

Contoured medial joint, straight lateral joint

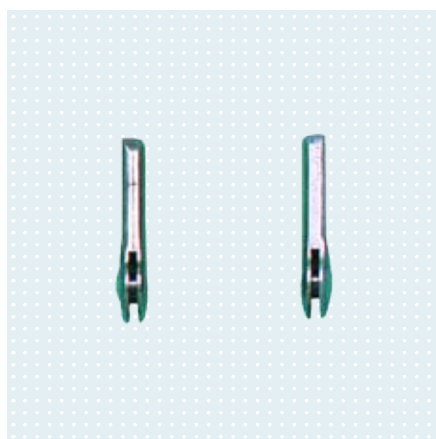


Technical data

Article number	System width	Joint head Ø	Slot width	Length from joint center	Material	Quantity unit
17B62=16	16 mm	22 mm	2.5 mm	41 mm	Stainless steel	Pair
17B62=20	20 mm	24.5 mm	3 mm	41 mm	Stainless steel	Pair

Information material

646D1306=EN_INT	Ankle joint selection guide
646F465=ALL_INT	AFO selection guide
647G2=ALL_INT	Instructions for use – system/leg bars



System ankle joint

Reference number 17B57

System ankle joint with range of motion of +/- 30°, to be established by filing the foot stirrup

Straight medial and lateral joints

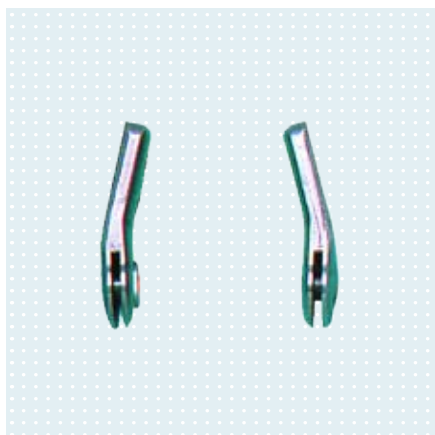


Technical data

Article number	System width	Joint head Ø	Slot width	Length from joint center	Quantity unit
17B57=16	16 mm	22 mm	2.5 mm	41 mm	Pair
17B57=20	20 mm	24 mm	3 mm	41 mm	Pair

Information material

647G2=ALL_INT	Instructions for use – system/leg bars
---------------	--



System ankle joint

Reference number 17B54

System ankle joint with range of motion of +/- 30°, to be established by filing the foot stirrup

Contoured medial and lateral joints

Technical data

Article number	System width	Joint head Ø	Slot width	Length from joint center	Quantity unit
17B54=16	16 mm	22 mm	2.5 mm	41 mm	Pair
17B54=20	20 mm	24 mm	3 mm	41 mm	Pair

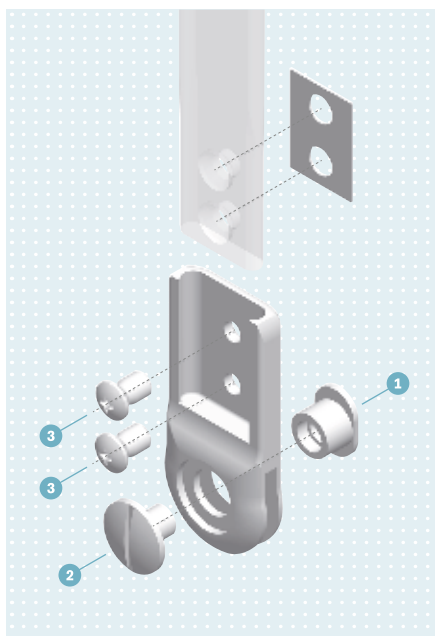
• The joint can be ordered separately under article numbers 17A54=16 and 17A54=20.

Information material

647G2=ALL_INT

Instructions for use –
system/leg bars

Spare parts for 17B62, 17B57, 17B54



(1) Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	Spare part for	Insertion length	Profile length	Shank length	Thread	Shoulder Ø	Quantity unit
17Y93=7X6.8XM5	17B54=16 17B57=16 17B62=16	5.55 mm	12 mm	6.8 mm	M5	7 mm	Piece
17Y93=9X7.2XM6	17B54=20 17B57=20 17B62=20	6 mm	14 mm	7.2 mm	M6	9 mm	Piece

(2) Slotted truss head screw

Reference number 501S32

Technical data

Article number	System width	Length	Head Ø	Thread	Overall length	Material	Quantity unit
501S32=M6X14X10	16/ 20 mm	10 mm	14 mm	M6	10 mm	Stainless steel	Piece
501S32=M5X12X9.5	16 mm	9.5 mm	12 mm	M5	9.5 mm	Stainless steel	Piece

(3) Phillips oval countersunk head screw

Reference number 501T7

Technical data

Article number	Spare part for	Length	Head Ø	Material	Quantity unit
501T7=7.5X9XM5	17B54=16 17B54=20 17B57=16 17B57=20 17B62=16 17B62=20	9 mm	7.5 mm	Stainless steel	Piece



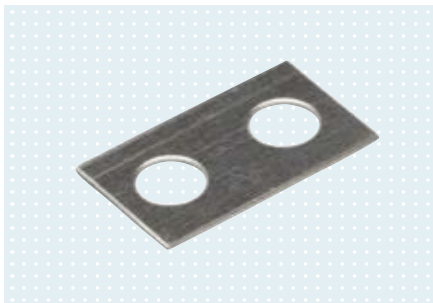
Brass bushing

Reference number 17Y17

Brass bushing for joint centre piece

Technical data

Article number	System width	Material	Quantity unit
17Y17=7X9X2.4	16 mm	Brass	Piece
17Y17=9X11X2.9	20 mm	Brass	Piece



Shim plate

Reference number 17Y42

To compensate for the difference in thickness between 4 mm thick side bars and 5 mm thick connections of the system joints

Technical data

Article number	For bar width	Plate width	Material
17Y42=12	16 mm	12 mm	Stainless steel
17Y42=15	20 mm	15 mm	Stainless steel

Accessory for 17B62, 17B57, 17B54



System foot stirrup

Reference number 17B55

with brass bushing



Technical data

Article number	System width	Thickness	Length from joint center	Material	Quantity unit
17B55=145X2.5	16 mm	2.5 mm	145 mm	Stainless steel	Piece
17B55=165X3	20 mm	3 mm	165 mm	Stainless steel	Piece



System lamination foot stirrup

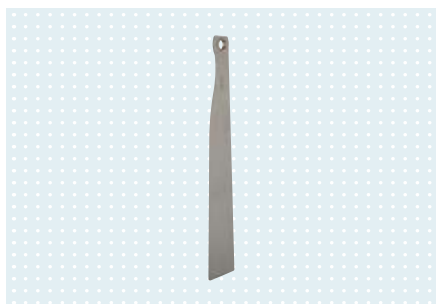
Reference number 17B100

with brass bushing



Technical data

Article number	System width	Thickness	Length from joint center	Material	Quantity unit
17B100=16	16 mm	2.5 mm	63 mm	Stainless steel	Piece
17B100=20	20 mm	3 mm	63 mm	Stainless steel	Piece



System foot stirrup

Reference number 17B61

overlength, with brass bushing



Technical data

Article number	System width	Thickness	Length from joint center	Material	Quantity unit
17B61=250	20 mm	3 mm	250 mm	Stainless steel	Piece



Forked system foot stirrup

Reference number 17B60

forked, with brass bushing



Technical data

Article number	System width	Thickness	Caster fork width front/rear	Material	Quantity unit
17B60=180	16 mm	2.5 mm	180/170 mm	Stainless steel	Piece
17B60=205	20 mm	3 mm	205/190 mm	Stainless steel	Piece



System shoe stirrup

Reference number 17F36



Technical data

Article number	System width	Thickness	Length from joint center	Material	Quantity unit
17F36=150X2.5	16 mm	2.5 mm	150 mm	Stainless steel	Piece
17F36=180X2.5	16 mm	2.5 mm	180 mm	Stainless steel	Piece
17F36=200X2.5	16 mm	2.5 mm	200 mm	Stainless steel	Piece
17F36=220X2.5	16 mm	2.5 mm	220 mm	Stainless steel	Piece
17F36=240X2.5	16 mm	2.5 mm	240 mm	Stainless steel	Piece
17F36=260X2.5	16 mm	2.5 mm	260 mm	Stainless steel	Piece
17F36=280X2.5	16 mm	2.5 mm	280 mm	Stainless steel	Piece
17F36=300X2.5	16 mm	2.5 mm	300 mm	Stainless steel	Piece
17F36=200X3	20 mm	3 mm	200 mm	Stainless steel	Piece
17F36=220X3	20 mm	3 mm	220 mm	Stainless steel	Piece
17F36=240X3	20 mm	3 mm	240 mm	Stainless steel	Piece
17F36=260X3	20 mm	3 mm	260 mm	Stainless steel	Piece
17F36=280X3	20 mm	3 mm	280 mm	Stainless steel	Piece
17F36=300X3	20 mm	3 mm	300 mm	Stainless steel	Piece



System foot stirrup

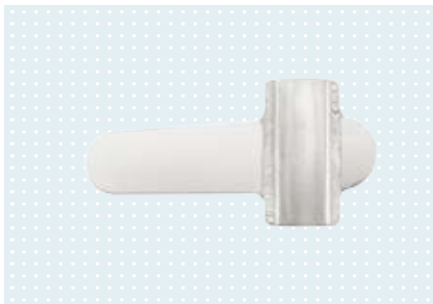
Reference number 17B64

with brass bushing



Technical data

Article number	System width	Thickness	Channel width	Head Ø	Length from joint center	Material	Quantity unit
17B64=145X2.5	16 mm	2.5 mm	19 mm	22 mm	145 mm	Stainless steel	Piece
17B64=165X3	20 mm	3 mm	22 mm	24 mm	165 mm	Stainless steel	Piece



System shoe plate, hardened

Reference number 17F35

Technical data

Article number	Accessories for	Side	Length	Channel width	Material	Quantity unit
17F35=L120	17B54=16 17B57=16 17B62=16	left (L)	120 mm	19 mm	Stainless steel	Piece
17F35=L150	17B54=20 17B57=20 17B62=20	left (L)	150 mm	22 mm	Stainless steel	Piece
17F35=R120	17B54=16 17B57=16 17B62=16	right (R)	120 mm	19 mm	Stainless steel	Piece
17F35=R150	17B54=20 17B57=20 17B62=20	right (R)	150 mm	22 mm	Stainless steel	Piece



System lamination bar

Reference number 17Y128

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	System width	Length	Thickness	Material	Quantity unit
17Y128=16X80	16 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=20X80	20 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=16X100	16 mm	100 mm	4 mm	Stainless steel	Piece
17Y128=20X100	20 mm	100 mm	4 mm	Stainless steel	Piece



System lamination bar with contoured calf

Reference number 17Y129

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17Y129=L16	left (L)	16 mm	100 mm	4 mm	Piece
17Y129=R16	right (R)	16 mm	100 mm	4 mm	Piece
17Y129=L20	left (L)	20 mm	100 mm	4 mm	Piece
17Y129=R20	right (R)	20 mm	100 mm	4 mm	Piece

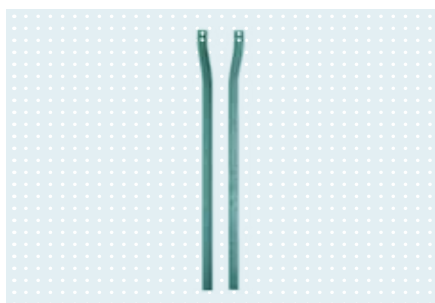


Lower leg side bar

Reference number 17B5

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17B5=L16	left (L)	16 mm	450 mm	4 mm	Piece
17B5=R16	right (R)	16 mm	450 mm	4 mm	Piece
17B5=L16-T	left (L)	16 mm	450 mm	4 mm	Piece
17B5=R16-T	right (R)	16 mm	450 mm	4 mm	Piece
17B5=L20	left (L)	20 mm	450 mm	4 mm	Piece
17B5=R20	right (R)	20 mm	450 mm	4 mm	Piece
17B5=L20-T	left (L)	20 mm	450 mm	4 mm	Piece
17B5=R20-T	right (R)	20 mm	450 mm	4 mm	Piece



Lower leg side bar

Reference number 17B7

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17B7=L16	left (L)	16 mm	450 mm	5 mm	Piece
17B7=R16	right (R)	16 mm	450 mm	5 mm	Piece
17B7=L20	left (L)	20 mm	450 mm	5 mm	Piece
17B7=R20	right (R)	20 mm	450 mm	5 mm	Piece



Lower leg side bar

Reference number 17B87

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17B87=L16	left (L)	16 mm	450 mm	4 mm	Piece
17B87=R16	right (R)	16 mm	450 mm	4 mm	Piece
17B87=L20	left (L)	20 mm	450 mm	4 mm	Piece
17B87=R20	right (R)	20 mm	450 mm	4 mm	Piece



Lower leg side bar

Reference number 17B89

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17B89=L16	left (L)	16 mm	450 mm	5 mm	Piece
17B89=R16	right (R)	16 mm	450 mm	5 mm	Piece
17B89=L20	left (L)	20 mm	450 mm	5 mm	Piece
17B89=R20	right (R)	20 mm	450 mm	5 mm	Piece



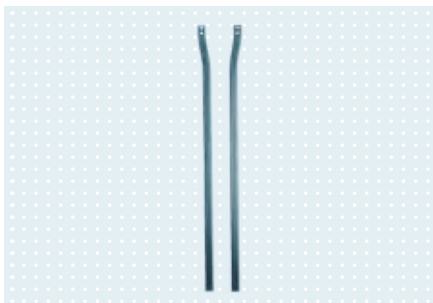
Lower leg side bar

Reference number 17B102

Lower leg side bar made of stainless steel

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17B102=L16	left (L)	16 mm	560 mm	4 mm	Piece
17B102=R16	right (R)	16 mm	560 mm	4 mm	Piece
17B102=L20	left (L)	20 mm	560 mm	4 mm	Piece
17B102=R20	right (R)	20 mm	560 mm	4 mm	Piece



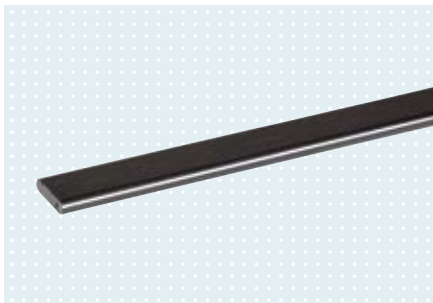
Lower leg side bar

Reference number 17B104

Lower leg side bar from the 17B41 side bar set

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17B104=L16	left (L)	16 mm	560 mm	5 mm	Piece
17B104=R16	right (R)	16 mm	560 mm	5 mm	Piece
17B104=L20	left (L)	20 mm	560 mm	5 mm	Piece
17B104=R20	right (R)	20 mm	560 mm	5 mm	Piece



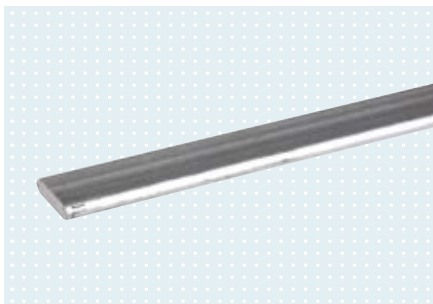
Stainless steel profile rod

Reference number 651P4

Suitable for fabricating system bars, with rounded edges, strength of approx. 800–950 N/mm², spot weldable

Technical data

Article number	Length	Width	Thickness
651P4=16	2,000 mm	16 mm	4 mm
651P4=20	2,000 mm	20 mm	4 mm



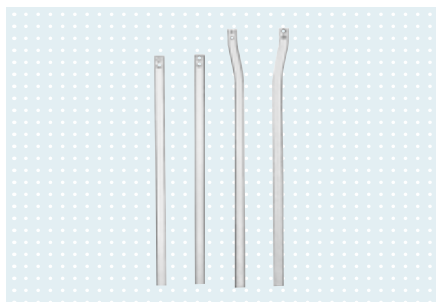
Light metal profile bar

Reference number 605P8

Suitable for fabricating system splints, with rounded edges, strength approx. 400 N/mm²

Technical data

Article number	Length	Width	Thickness
605P8=16	2,000 mm	16 mm	5 mm
605P8=20	2,000 mm	20 mm	5 mm



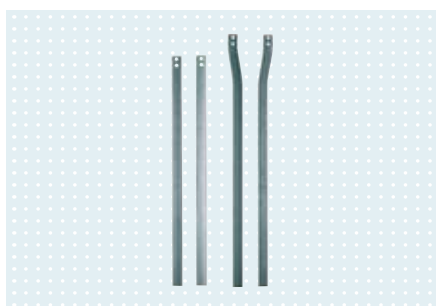
System side bar set

Reference number 17B38

Flat, consisting of two 17B4 and 17B4=T upper side bars and one 17B5 and 17B5=T lower side bar each for the left and right sides, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B38=16	16 mm	4 mm	Set
17B38=16-T	16 mm	4 mm	Set
17B38=20	20 mm	4 mm	Set
17B38=20-T	20 mm	4 mm	Set



System side bar set

Reference number 17B39

Consisting of two upper side bars and one left and one right lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B39=16	16 mm	5 mm	Set
17B39=20	20 mm	5 mm	Set



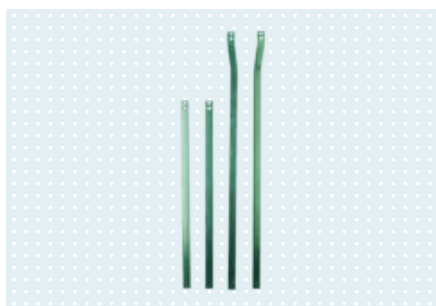
System side bar set

Reference number 17B85

Concave, consisting of two 17B88 upper side bars and one left and one right 17B89 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B85=16	16 mm	5 mm	Set
17B85=20	20 mm	5 mm	Set



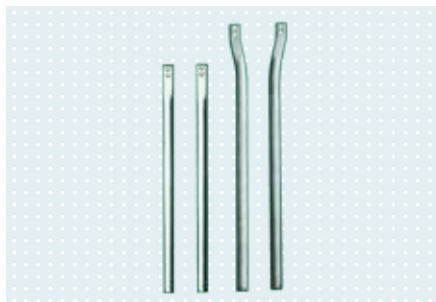
System side bar set

Reference number 17B40

Overlength, flat, consisting of two 17B4 upper side bars and one left and one right 17B102 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B40=16	16 mm	4 mm	Set
17B40=20	20 mm	4 mm	Set



System side bar set

Reference number 17B84

Concave, consisting of two 17B86 upper side bars and one left and one right 17B87 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B84=16	16 mm	4 mm	Set
17B84=20	20 mm	4 mm	Set



System side bar set, extra long

Reference number 17B41

Consisting of two 17B6 upper side bars and one left and one right 17B104 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B41=16	16 mm	5 mm	Set
17B41=20	20 mm	5 mm	Set



Ankle joint bar

Reference number 17F31



Technical data

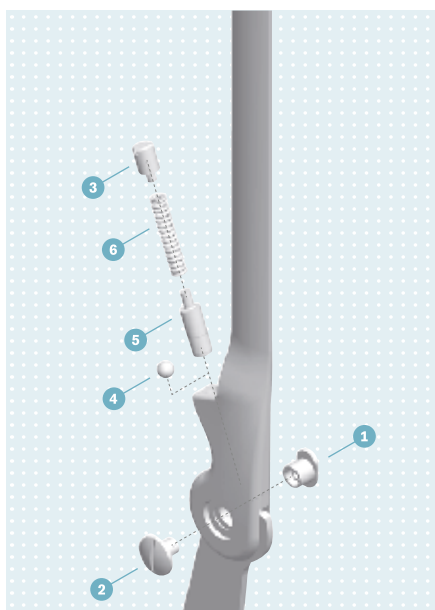
Article number	Side	Bar width	Joint head Ø	Slot width	Material	Quantity unit
17F31=L26X2.5	left (L)	15 mm	26 mm	2.5 mm	Stainless steel	Piece
17F31=L28X3	left (L)	16 mm	28 mm	3 mm	Stainless steel	Piece
17F31=L30X3	left (L)	17 mm	30 mm	3 mm	Stainless steel	Piece
17F31=R26X2.5	right (R)	15 mm	26 mm	2.5 mm	Stainless steel	Piece
17F31=R28X3	right (R)	16 mm	28 mm	3 mm	Stainless steel	Piece
17F31=R30X3	right (R)	17 mm	30 mm	3 mm	Stainless steel	Piece

Information material

647G3=ALL_INT

Instructions for use –
system/leg bars

Spare parts for 17F31



(1) Bearing nut, hardened

Reference number 17Y93

Technical data

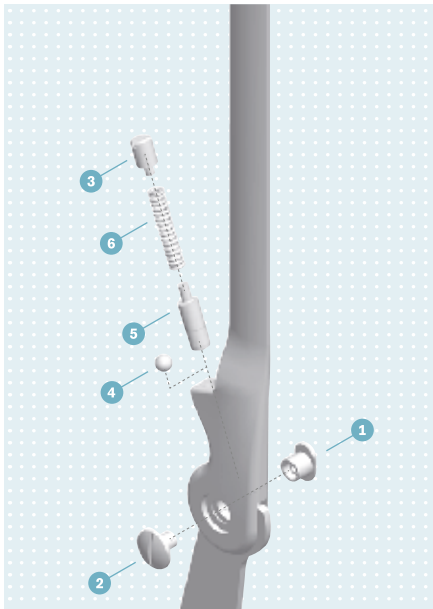
Article number	Spare part for	Insertion length	Profile length	Shank length	Thread	Shoulder Ø	Quantity unit
17Y93=7X6.8XM5	17F31=L26X2.5 17F31=R26X2.5	5.55 mm	12 mm	6.8 mm	M5	7 mm	Piece
17Y93=7.5X6.8XM5	17F31=L26X2.5 17F31=R26X2.5	5.55 mm	12 mm	6.8 mm	M5	7.5 mm	Piece
17Y93=9X7.2XM6	17F31=L28X3 17F31=L30X3 17F31=R28X3 17F31=R30X3	6 mm	14 mm	7.2 mm	M6	9 mm	Piece
17Y93=9.5X7.2XM6	17F31=L28X3 17F31=L30X3 17F31=R28X3 17F31=R30X3	6 mm	14 mm	7.2 mm	M6	9.5 mm	Piece

(2) Slotted truss head screw

Reference number 501S32

Technical data

Article number	Spare part for	Length	Overall length	Thread	Head Ø	Material	Quantity unit
501S32=M5X12X9.5	17F31=L26X2.5 17F31=R26X2.5 17F32=L26X2.5 17F32=R26X2.5	9.5 mm	9.5 mm	M5	12 mm	Stainless steel	Piece
501S32=M6X14X10	17F31=L28X3 17F31=L30X3 17F31=R28X3 17F31=R30X3	10 mm	10 mm	M6	14 mm	Stainless steel	Piece



(3) Set screw with slot

Reference number 17Y18

Technical data

Article number	Spare part for	System width	Thread	Thread length	Material	Quantity unit
17Y18=M6X11	17F31=R26X2.5 17F31=L26X2.5	16 mm	M6	11 mm	Stainless steel	Piece
17Y18=M7X13	17F31=L28X3 17F31=R28X3 17F31=L30X3 17F31=R30X3	20 mm	M7	13 mm	Stainless steel	Piece

(4) Bearing ball

Reference number 509Y2

Technical data

Article number	Spare part for	For system width	Material	Quantity unit
509Y2=3/16"	17F31=R26X2.5 17F31=L26X2.5	16 mm	Stainless steel	Piece

(5) Thrust piece with ball

Reference number 17Y80

Technical data

Article number	Spare part for	For system width	Quantity unit
17Y80	17F31=L28X3 17F31=R28X3 17F31=L30X3 17F31=R30X3	20 mm	Piece

(6) Compression spring

Reference number 513D18

Technical data

Article number	Spare part for	Quantity unit
513D18=4.7X31	17F31=R26X2.5 17F31=L26X2.5	Piece
513D18=5.5X35	17F31=L28X3 17F31=R28X3	Piece
513D18=5.5X45	17F31=L30X3 17F31=R30X3	Piece

Accessory for 17F31

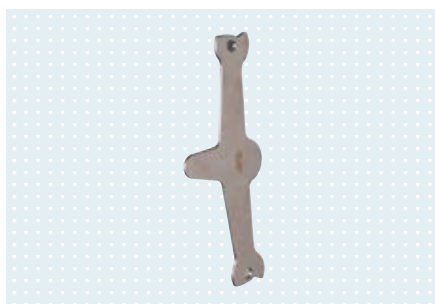


Foot stirrup

Reference number 17B58

Technical data

Article number	Accessories for	Bar width	Thick-ness	Stirrup length	Head Ø	Material	Quantity unit
17B58=26X2.5X145	17F31=L26X2.5 17F31=R26X2.5	16 mm	2.5 mm	145 mm	26 mm	Stainless steel	Piece
17B58=28X3X165	17F31=L28X3 17F31=R28X3	20 mm	3 mm	165 mm	28 mm	Stainless steel	Piece
17B58=30X3X165	17F31=L30X3 17F31=R30X3	20 mm	3 mm	165 mm	30 mm	Stainless steel	Piece



Shoe stirrup

Reference number 17F33

Technical data

Article number	Accessories for	Thick-ness	Head Ø	Length from joint centre to joint centre	Material	Quantity unit
17F33=150X2.5	17F31=L26X2.5 17F31=R26X2.5	2.5 mm	26 mm	150 mm	Stainless steel	Piece
17F33=180X2.5	17F31=L26X2.5 17F31=R26X2.5	2.5 mm	26 mm	180 mm	Stainless steel	Piece
17F33=200X2.5	17F31=L26X2.5 17F31=R26X2.5	2.5 mm	26 mm	200 mm	Stainless steel	Piece
17F33=200X3	17F31=L28X3 17F31=R28X3	3 mm	28 mm	200 mm	Stainless steel	Piece
17F33=220X2.5	17F31=L26X2.5 17F31=R26X2.5	2.5 mm	26 mm	220 mm	Stainless steel	Piece
17F33=220X3	17F31=L28X3 17F31=R28X3	3 mm	28 mm	220 mm	Stainless steel	Piece
17F33=240X2.5	17F31=L26X2.5 17F31=R26X2.5	2.5 mm	26 mm	240 mm	Stainless steel	Piece
17F33=240X3	17F31=L28X3 17F31=R28X3	3 mm	28 mm	240 mm	Stainless steel	Piece
17F33=260X2.5	17F31=L26X2.5 17F31=R26X2.5	2.5 mm	26 mm	260 mm	Stainless steel	Piece
17F33=260X3	17F31=L30X3 17F31=R30X3	3 mm	30 mm	260 mm	Stainless steel	Piece
17F33=280X2.5	17F31=L26X2.5 17F31=R26X2.5	2.5 mm	26 mm	280 mm	Stainless steel	Piece
17F33=280X3	17F31=L30X3 17F31=R30X3	3 mm	30 mm	280 mm	Stainless steel	Piece
17F33=300X2.5	17F31=L26X2.5 17F31=R26X2.5	2.5 mm	26 mm	300 mm	Stainless steel	Piece
17F33=300X3	17F31=L30X3 17F31=R30X3	3 mm	30 mm	300 mm	Stainless steel	Piece

● Up to 420 mm of extra length is available for an additional charge.



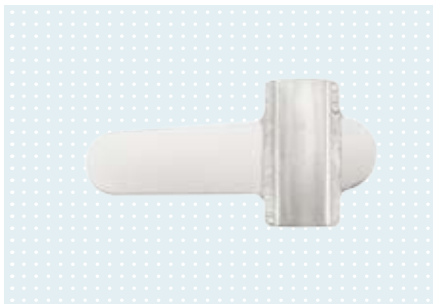
System foot stirrup

Reference number 17B65

for 17F35 system shoe plate

Technical data

Article number	Accessories for	System width	Thickness	Channel width	Head Ø	Length from joint center	Material	Quantity unit
17B65=26X2.5X145	17F31=L26X2.5 17F31=R26X2.5	16 mm	2.5 mm	19 mm	26 mm	145 mm	Stainless steel	Piece
17B65=28X3X165	17F31=L28X3 17F31=R28X3	20 mm	3 mm	22 mm	28 mm	165 mm	Stainless steel	Piece
17B65=30X3X165	17F31=L30X3 17F31=R30X3	20 mm	3 mm	22 mm	30 mm	165 mm	Stainless steel	Piece



System shoe plate, hardened

Reference number 17F35

with insert piece

Technical data

Article number	Accessories for	Side	Length	Channel width	Insertion depth	System width	Material	Quantity unit
17F35=L120	17F31=L26X2.5 17F31=R26X2.5	left (L)	120 mm	19 mm	60 mm	16 mm	Stainless steel	Piece
17F35=L150	17F31=L28X3 17F31=L30X3 17F31=R28X3 17F31=R30X3	left (L)	150 mm	22 mm	80 mm	20 mm	Stainless steel	Piece
17F35=R120	17F31=L26X2.5 17F31=R26X2.5	right (R)	120 mm	19 mm	60 mm	16 mm	Stainless steel	Piece
17F35=R150	17F31=L28X3 17F31=R28X3 17F31=L30X3 17F31=R30X3	right (R)	150 mm	22 mm	80 mm	20 mm	Stainless steel	Piece



Ankle joint bar

Reference number 17F32



Technical data

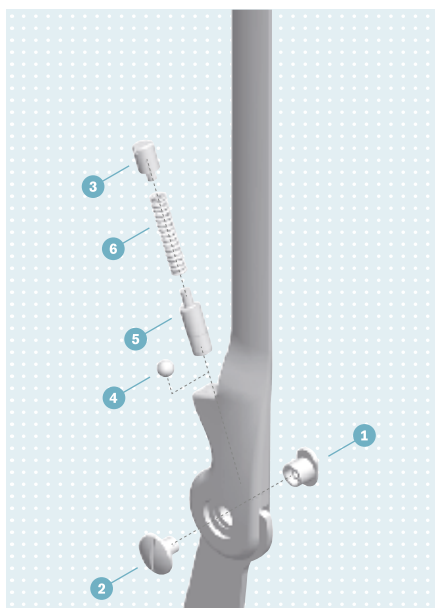
Article number	Side	Bar width	Joint head Ø	Slot width	Material	Quantity unit
17F32=L26X2.5	left	15 mm	26 mm	2.5 mm	Aluminium	Piece
17F32=L28X3	left	16 mm	28 mm	3 mm	Aluminium	Piece
17F32=L30X3	left	17 mm	30 mm	3 mm	Aluminium	Piece
17F32=R26X2.5	right	15 mm	26 mm	2.5 mm	Aluminium	Piece
17F32=R28X3	right	16 mm	28 mm	3 mm	Aluminium	Piece
17F32=R30X3	right	17 mm	30 mm	3 mm	Aluminium	Piece

Information material

647G3=ALL_INT

Instructions for use –
system/leg bars

Spare parts for 17F32



(1) Bearing nut, hardened

Reference number 17Y93

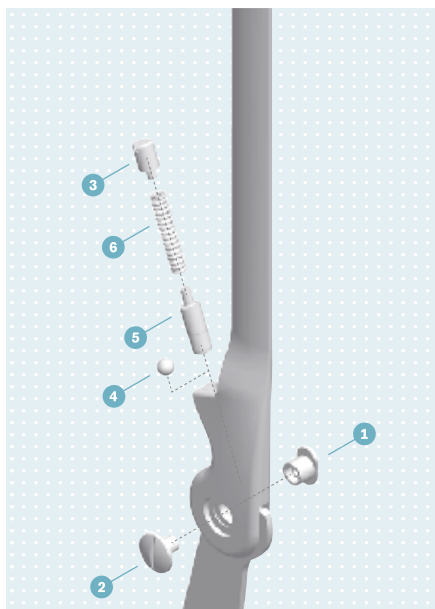
Technical data

Article number	Spare part for	Insertion length	Profile length	Shank length	Thread	Shoulder Ø	Quantity unit
17Y93=7X6.8XM5	17F32=L26X2.5 17F32=R26X2.5	5.55 mm	12 mm	6.8 mm	M5	7 mm	Piece
17Y93=7.5X6.8XM5	17F32=L26X2.5 17F32=R26X2.5	5.55 mm	12 mm	6.8 mm	M5	7.5 mm	Piece
17Y93=9X7.2XM6	17F32=L28X3 17F32=L30X3 17F32=R28X3 17F32=R30X3	6 mm	14 mm	7.2 mm	M6	9 mm	Piece
17Y93=9.5X7.2XM6	17F32=L28X3 17F32=L30X3 17F32=R28X3 17F32=R30X3	6 mm	14 mm	7.2 mm	M6	9.5 mm	Piece

(2) Slotted truss head screw

Reference number 501S32

Article number	Spare part for	Length	Overall length	Thread	Head Ø	Material	Quantity unit
501S32=M5X12X9.5	17F32=L26X2.5 17F32=R26X2.5	9.5 mm	9.5 mm	M5	12 mm	Stainless steel	Piece
501S32=M6X14X10	17F32=L28X3 17F32=R28X3 17F32=L30X3 17F32=R30X3	10 mm	10 mm	M6	14 mm	Stainless steel	Piece



(3) Set screw with slot

Reference number 17Y18

Technical data

Article number	Spare part for	System width	Thread	Thread length	Material	Quantity unit
17Y18=M6X11	17F32=R26X2.5 17F32=L26X2.5	16 mm	M6	11 mm	Stainless steel	Piece
17Y18=M7X13	17F32=L28X3 17F32=R28X3 17F32=R30X3 17F32=L30X3	20 mm	M7	13 mm	Stainless steel	Piece

(4) Bearing ball

Reference number 509Y2

Technical data

Article number	Spare part for	For system width	Material	Quantity unit
509Y2=3/16"	17F32=R26X2.5 17F32=L26X2.5	16 mm	Stainless steel	Piece

(5) Thrust piece with ball

Reference number 17Y80

Technical data

Article number	Spare part for	For system width	Quantity unit
17Y80	17F32=L30X3 17F32=L28X3 17F32=R28X3 17F32=R30X3	20 mm	Piece

(6) Compression spring

Reference number 513D18

Technical data

Article number	Spare part for	Length	Shoulder Ø	Quantity unit
513D18=4.7X31	17F32=R26X2.5 17F32=L26X2.5	31 mm	4.7 mm	Piece
513D18=5.5X35	17F32=L28X3 17F32=R28X3	35 mm	5.5 mm	Piece
513D18=5.5X45	17F32=R30X3 17F32=L30X3	45 mm	5.5 mm	Piece

Accessory for 17F32



Foot stirrup

Reference number 17B58

Technical data

Article number	Accessories for	Bar width	Thick-ness	Stirrup length	Head Ø	Material	Quantity unit
17B58=26X2.5X145	17F32=L26X2.5 17F32=R26X2.5	16 mm	2.5 mm	145 mm	26 mm	Stainless steel	Piece
17B58=28X3X165	17F32=L28X3 17F32=R28X3	20 mm	3 mm	165 mm	28 mm	Stainless steel	Piece
17B58=30X3X165	17F32=L30X3 17F32=R30X3	20 mm	3 mm	165 mm	30 mm	Stainless steel	Piece



Shoe stirrup

Reference number 17F33

Technical data

Article number	Accessories for	Thickness	Head Ø	Length from joint centre to joint centre	Material	Quantity unit
17F33=150X2.5	17F32=L26X2.5 17F32=R26X2.5	2.5 mm	26 mm	150 mm	Stainless steel	Piece
17F33=180X2.5	17F32=L26X2.5 17F32=R26X2.5	2.5 mm	26 mm	180 mm	Stainless steel	Piece
17F33=200X2.5	17F32=L26X2.5 17F32=R26X2.5	2.5 mm	26 mm	200 mm	Stainless steel	Piece
17F33=200X3	17F32=L28X3 17F32=R28X3	3 mm	28 mm	200 mm	Stainless steel	Piece
17F33=220X2.5	17F32=L26X2.5 17F32=R26X2.5	2.5 mm	26 mm	220 mm	Stainless steel	Piece
17F33=220X3	17F32=L28X3 17F32=R28X3	3 mm	28 mm	220 mm	Stainless steel	Piece
17F33=240X2.5	17F32=L26X2.5 17F32=R26X2.5	2.5 mm	26 mm	240 mm	Stainless steel	Piece
17F33=240X3	17F32=L28X3 17F32=R28X3	3 mm	28 mm	240 mm	Stainless steel	Piece
17F33=260X2.5	17F32=L26X2.5 17F32=R26X2.5	2.5 mm	26 mm	260 mm	Stainless steel	Piece
17F33=260X3	17F32=L30X3 17F32=R30X3	3 mm	30 mm	260 mm	Stainless steel	Piece
17F33=280X2.5	17F32=L26X2.5 17F32=R26X2.5	2.5 mm	26 mm	280 mm	Stainless steel	Piece
17F33=280X3	17F32=L30X3 17F32=R30X3	3 mm	30 mm	280 mm	Stainless steel	Piece
17F33=300X2.5	17F32=L26X2.5 17F32=R26X2.5	2.5 mm	26 mm	300 mm	Stainless steel	Piece
17F33=300X3	17F32=L30X3 17F32=R30X3	3 mm	30 mm	300 mm	Stainless steel	Piece



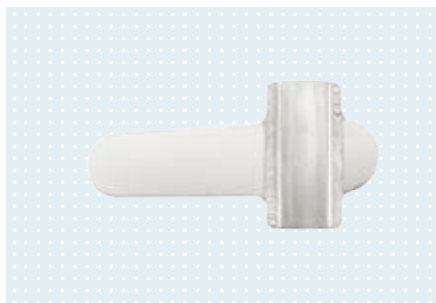
System foot stirrup

Reference number 17B65

for 17F35 system shoe plate

Technical data

Article number	Accessories for	System width	Thick-ness	Channel width	Head Ø	Length from joint center	Material	Quantity unit
17B65=26X2.5X145	17F32=L26X2.5 17F32=R26X2.5	16 mm	2.5 mm	19 mm	26 mm	145 mm	Stainless steel	Piece
17B65=28X3X165	17F32=L28X3 17F32=R28X3	20 mm	3 mm	22 mm	28 mm	165 mm	Stainless steel	Piece
17B65=30X3X165	17F32=L30X3 17F32=R30X3	20 mm	3 mm	22 mm	30 mm	165 mm	Stainless steel	Piece



System shoe plate, hardened

Reference number 17F35

Technical data

Article number	Accessories for	Side	Length	Channel width	Material	Quantity unit
17F35=L120	17F32=L26X2.5 17F32=R26X2.5	left (L)	120 mm	19 mm	Stainless steel	Piece
17F35=L150	17F32=L28X3 17F32=L30X3 17F32=R28X3 17F32=R30X3	left (L)	150 mm	22 mm	Stainless steel	Piece
17F35=R120	17F32=L26X2.5 17F32=R26X2.5	right (R)	120 mm	19 mm	Stainless steel	Piece
17F35=R150	17F32=L28X3 17F32=L30X3 17F32=R28X3 17F32=R30X3	right (R)	150 mm	22 mm	Stainless steel	Piece



System ankle joint

Reference number 17B63

Joint with dorsiflexion function and dorsal stop to be established by filing the foot stirrup
Contoured medial joint, straight lateral joint, with compression spring



Technical data

Article number	System width	Side	Joint head Ø	Slot width	Length from joint center	Material	Quantity unit
17B63=L16	16 mm	left (L)	26 mm	2.5 mm	57 mm	Stainless steel	Pair
17B63=L20	20 mm	left (L)	28 mm	3 mm	66 mm	Stainless steel	Pair
17B63=R16	16 mm	right (R)	26 mm	2.5 mm	57 mm	Stainless steel	Pair
17B63=R20	20 mm	right (R)	28 mm	3 mm	66 mm	Stainless steel	Pair

Information material

646D1306=EN_INT	Ankle joint selection guide
646F465=ALL_INT	AFO selection guide
647G2=ALL_INT	Instructions for use – system/leg bars

i Practical recommendation 17B63

- Increased wear and tear to the spring due to fully compressing it.
- We recommend using 636K8=20X2X10 Plastaband to isolate the joints for the lamination resin technique.



System ankle joint

Reference number 17B59

Joint with dorsiflexion function and dorsal stop to be established by filing the foot stirrup
Straight medial and lateral joints, with compression spring



Technical data

Article number	System width	Joint head Ø	Slot width	Length from joint center	Material	Quantity unit
17B59=16	16 mm		2.5 mm	57 mm	Stainless steel	Pair
17B59=20	20 mm		3 mm	66 mm	Stainless steel	Pair

Information material

647G2=ALL_INT	Instructions for use – system/leg bars
---------------	--

i Practical recommendation 17B59

- Increased wear of the spring due to fully compressing it.
- We recommend using 636K8=20X2X10 Plastaband to isolate the joints for the lamination resin technique.



System ankle joint

Reference number 17B53

Joint with dorsiflexion function and foot stirrup with dorsal stop that can be filed
Contoured medial and lateral joints, with compression spring



Technical data

Article number	System width	Joint head Ø	Slot width	Length from joint center	Material	Quantity unit
17B53=16	16 mm	26 mm	2.5 mm	57 mm	Stainless steel	Pair
17B53=20	20 mm	28 mm	3 mm	66 mm	Stainless steel	Pair

Information material

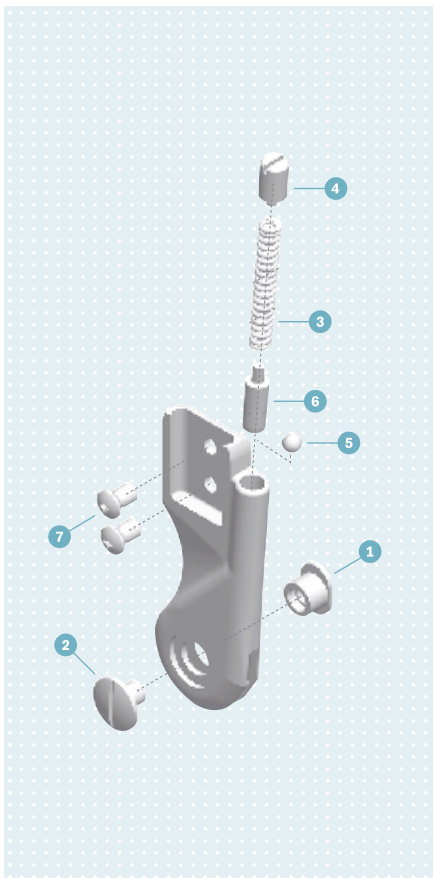
647G2=ALL_INT

Instructions for use –
system/leg bars

i Practical recommendation 17B53

- Increased wear of the spring due to fully compressing it.
- We recommend using 636K8=20X2X10 Plastaband to isolate the joints for the lamination resin technique.

Spare parts for 17B63, 17B59, 17B53



(1) Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	Spare part for	Insertion length	Profile length	Shank length	Thread	Shoulder Ø	Quantity unit
17Y93=7X6.8XM5	17B53=16 17B59=16 17B63=L16 17B63=R16	5.55 mm	12 mm	6.8 mm	M5	7 mm	Piece
17Y93=9X7.2XM6	17B53=20 17B63=L20 17B63=R20 17B59=20	6 mm	14 mm	7.2 mm	M6	9 mm	Piece

(2) Slotted truss head screw

Reference number 501S32

Technical data

Article number	System width	Head Ø	Thread	Overall length	Material	Quantity unit
501S32=M5X12X9.5	16 mm	12 mm	M5	9.5 mm	Stainless steel	Piece
501S32=M6X14X10	16/ 20 mm	14 mm	M6	10 mm	Stainless steel	Piece

(3) Compression spring

Reference number 513D18

Technical data

Article number	System width	Length	Shoulder Ø	Quantity unit
513D18=4.7X31	16 mm	31 mm	4.7 mm	Piece
513D18=5.5X35	20 mm	35 mm	5.5 mm	Piece

(4) Set screw with slot

Reference number 17Y18

Technical data

Article number	Spare part for	System width	Thread	Thread length	Material	Quantity unit
17Y18=M6X11	17B53=16 17B59=16 17B63=L16 17B63=R16	16 mm	M6	11 mm	Stainless steel	Piece
17Y18=M7X13	17B63=L20 17B63=R20 17B59=20 17B53=20	20 mm	M7	13 mm	Stainless steel	Piece

(5) Bearing ball

Reference number 509Y2

Technical data

Article number	Spare part for	For system width	Material	Quantity unit
509Y2=3/16"	17B53=16 17B59=16 17B63=L16 17B63=R16	16 mm	Stainless steel	Piece

(6) Thrust piece with ball

Reference number 17Y80

Technical data

Article number	Spare part for	For system width	Quantity unit
17Y80	17B63=L20 17B63=R20 17B59=20 17B53=20	20 mm	Piece

(7) Phillips oval countersunk head screw

Reference number 501T7

Technical data

Article number	Head Ø	Length	Material	Quantity unit
501T7=7.5X9XM5	7.5 mm	9 mm	Stainless steel	Piece



Shim plate

Reference number 17Y42

To compensate for the difference in thickness between 4 mm thick side bars and 5 mm thick connections of the system joints

Technical data

Article number	For bar width	Plate width	Material
17Y42=12	16 mm	12 mm	Stainless steel
17Y42=15	20 mm	15 mm	Stainless steel



Brass bushing

Reference number 17Y17

Brass bushing for joint centre piece

Technical data

Article number	System width	Material	Quantity unit
17Y17=7X9X2.4	16 mm	Brass	Piece
17Y17=9X11X2.9	20 mm	Brass	Piece

Accessory for 17B63, 17B59, 17B53



System foot stirrup

Reference number 17B108

With brass bushing, dorsal stop that can be filed and 20° plantar flexion



Technical data

Article number	System width	Thickness	Length from joint center	Material	Quantity unit
17B108=145X2.5	16 mm	2.5 mm	145 mm	Stainless steel	Piece
17B108=165X3	20 mm	3 mm	165 mm	Stainless steel	Piece



System lamination foot stirrup

Reference number 17B99

Free motion up to 20° dorsal extension and 20° plantar flexion, with brass bushing



Technical data

Article number	System width	Thickness	Length from joint center	Material	Quantity unit
17B99=16	16 mm	2.5 mm	63 mm	Stainless steel	Piece
17B99=20	20 mm	3 mm	63 mm	Stainless steel	Piece



System lamination foot stirrup

Reference number 17B101

With dorsal stop and 20° plantar flexion, with brass bushing



Technical data

Article number	System width	Thickness	Length from joint center	Material	Quantity unit
17B101=16	16 mm	2.5 mm	63 mm	Stainless steel	Piece
17B101=20	20 mm	3 mm	63 mm	Stainless steel	Piece



Foot stirrup

Reference number 17B107

With dorsal stop that can be filed and 20° plantar flexion, with brass bushing



Technical data

Article number	System width	Thickness	Stirrup length	Stirrup width	Length from joint center	Material	Quantity unit
17B107=145X2.5	16 mm	2.5 mm	145 mm	19 mm	145 mm	Stainless steel	Piece
17B107=165X3	20 mm	3 mm	165 mm	22 mm	165 mm	Stainless steel	Piece



System shoe stirrup

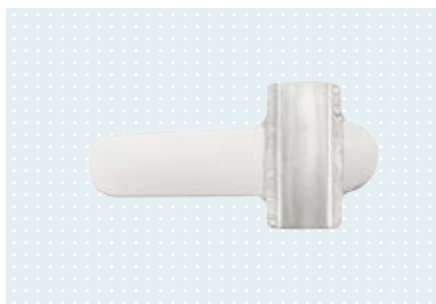
Reference number 17F70

With brass bushing, dorsal stop that can be filed and 20° plantar flexion



Technical data

Article number	System width	Thickness	Length from joint centre to joint centre	Quantity unit
17F70=150X2.5	16 mm	2.5 mm	150 mm	Piece
17F70=180X2.5	16 mm	2.5 mm	180 mm	Piece
17F70=200X2.5	16 mm	2.5 mm	200 mm	Piece
17F70=220X2.5	16 mm	2.5 mm	220 mm	Piece
17F70=240X2.5	16 mm	2.5 mm	240 mm	Piece
17F70=260X2.5	16 mm	2.5 mm	260 mm	Piece
17F70=280X2.5	16 mm	2.5 mm	280 mm	Piece
17F70=300X2.5	16 mm	2.5 mm	300 mm	Piece
17F70=200X3	20 mm	3 mm	200 mm	Piece
17F70=220X3	20 mm	3 mm	220 mm	Piece
17F70=240X3	20 mm	3 mm	240 mm	Piece
17F70=260X3	20 mm	3 mm	260 mm	Piece
17F70=280X3	20 mm	3 mm	280 mm	Piece
17F70=300X3	20 mm	3 mm	300 mm	Piece
17F70=320X3	20 mm	3 mm	320 mm	Piece
17F70=340X3	20 mm	3 mm	340 mm	Piece
17F70=360X3	20 mm	3 mm	360 mm	Piece
17F70=380X3	20 mm	3 mm	380 mm	Piece
17F70=400X3	20 mm	3 mm	400 mm	Piece
17F70=420X3	20 mm	3 mm	420 mm	Piece



System shoe plate, hardened

Reference number 17F35

With insert piece

Technical data

Article number	Accessories for	Side	Length	Channel width	Material	Quantity unit
17F35=L120	17B53=16 17B59=16 17B63=L16 17B63=R16	left (L)	120 mm	19 mm	Stainless steel	Piece
17F35=L150	17B53=20 17B59=20 17B63=L20 17B63=R20	left (L)	150 mm	22 mm	Stainless steel	Piece
17F35=R120	17B53=16 17B59=16 17B63=L16 17B63=R16	right (R)	120 mm	19 mm	Stainless steel	Piece
17F35=R150	17B53=20 17B59=20 17B63=L20 17B63=R20	right (R)	150 mm	22 mm	Stainless steel	Piece



System lamination bar

Reference number 17Y128

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	System width	Length	Thickness	Material	Quantity unit
17Y128=16X80	16 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=20X80	20 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=16X100	16 mm	100 mm	4 mm	Stainless steel	Piece
17Y128=20X100	20 mm	100 mm	4 mm	Stainless steel	Piece



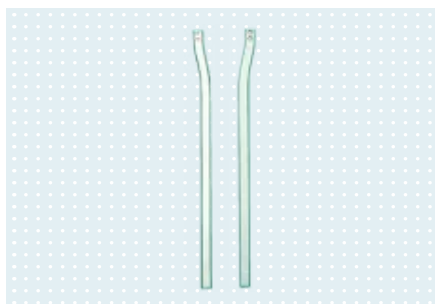
System lamination bar with contoured calf

Reference number 17Y129

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17Y129=L16	left (L)	16 mm	100 mm	4 mm	Piece
17Y129=R16	right (R)	16 mm	100 mm	4 mm	Piece
17Y129=L20	left (L)	20 mm	100 mm	4 mm	Piece
17Y129=R20	right (R)	20 mm	100 mm	4 mm	Piece

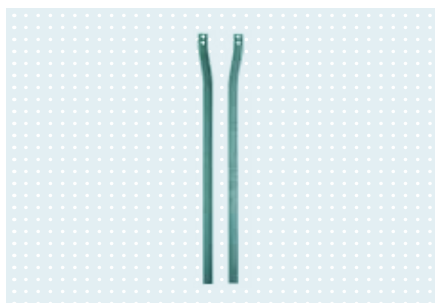


Lower leg side bar

Reference number 17B5

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17B5=L16	left (L)	16 mm	450 mm	4 mm	Piece
17B5=R16	right (R)	16 mm	450 mm	4 mm	Piece
17B5=L16-T	left (L)	16 mm	450 mm	4 mm	Piece
17B5=R16-T	right (R)	16 mm	450 mm	4 mm	Piece
17B5=L20	left (L)	20 mm	450 mm	4 mm	Piece
17B5=R20	right (R)	20 mm	450 mm	4 mm	Piece
17B5=L20-T	left (L)	20 mm	450 mm	4 mm	Piece
17B5=R20-T	right (R)	20 mm	450 mm	4 mm	Piece



Lower leg side bar

Reference number 17B7

Lower leg side bar for the 17B39 system side bar set

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17B7=L16	left (L)	16 mm	450 mm	5 mm	Piece
17B7=R16	right (R)	16 mm	450 mm	5 mm	Piece
17B7=L20	left (L)	20 mm	450 mm	5 mm	Piece
17B7=R20	right (R)	20 mm	450 mm	5 mm	Piece



Lower leg side bar

Reference number 17B87

Lower leg side bar for the 17B84 system side bar set

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17B87=L16	left (L)	16 mm	450 mm	4 mm	Piece
17B87=R16	right (R)	16 mm	450 mm	4 mm	Piece
17B87=L20	left (L)	20 mm	450 mm	4 mm	Piece
17B87=R20	right (R)	20 mm	450 mm	4 mm	Piece



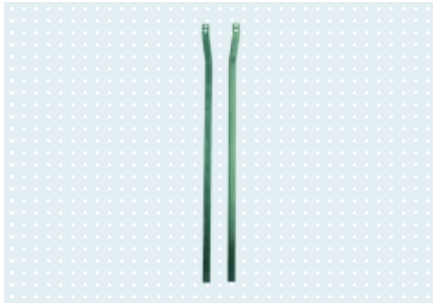
Lower leg side bar

Reference number 17B89

Lower leg side bar for 17B85

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17B89=L16	left (L)	16 mm	450 mm	5 mm	Piece
17B89=R16	right (R)	16 mm	450 mm	5 mm	Piece
17B89=L20	left (L)	20 mm	450 mm	5 mm	Piece
17B89=R20	right (R)	20 mm	450 mm	5 mm	Piece



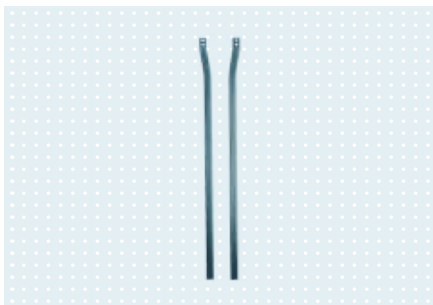
Lower leg side bar

Reference number 17B102

Lower leg side bar made of stainless steel

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17B102=L16	left (L)	16 mm	560 mm	4 mm	Piece
17B102=R16	right (R)	16 mm	560 mm	4 mm	Piece
17B102=L20	left (L)	20 mm	560 mm	4 mm	Piece
17B102=R20	right (R)	20 mm	560 mm	4 mm	Piece



Lower leg side bar

Reference number 17B104

Lower leg side bar from the 17B41 side bar set

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17B104=L16	left (L)	16 mm	560 mm	5 mm	Piece
17B104=R16	right (R)	16 mm	560 mm	5 mm	Piece
17B104=L20	left (L)	20 mm	560 mm	5 mm	Piece
17B104=R20	right (R)	20 mm	560 mm	5 mm	Piece



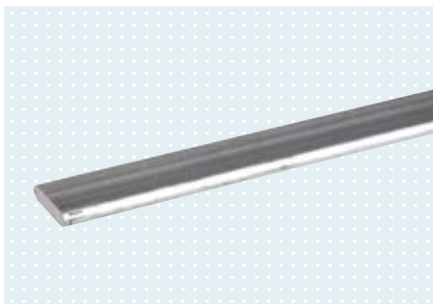
Stainless steel profile rod

Reference number 651P4

Suitable for fabricating system bars, with rounded edges, strength of approx. 800–950 N/mm², spot weldable

Technical data

Article number	Length	Width	Thickness
651P4=16	2,000 mm	16 mm	4 mm
651P4=20	2,000 mm	20 mm	4 mm



Light metal profile bar

Reference number 605P8

Suitable for fabricating system splints, with rounded edges, strength approx. 400 N/mm²

Technical data

Article number	Length	Width	Thickness
605P8=16	2,000 mm	16 mm	5 mm
605P8=20	2,000 mm	20 mm	5 mm



System side bar set

Reference number 17B38

Flat, consisting of two 17B4 and 17B4=T upper side bars and one 17B5 and 17B5=T lower side bar each for the left and right sides, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B38=16	16 mm	4 mm	Set
17B38=16-T	16 mm	4 mm	Set
17B38=20	20 mm	4 mm	Set
17B38=20-T	20 mm	4 mm	Set



System side bar set

Reference number 17B39

Consisting of two upper side bars and one left and one right lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B39=16	16 mm	5 mm	Set
17B39=20	20 mm	5 mm	Set



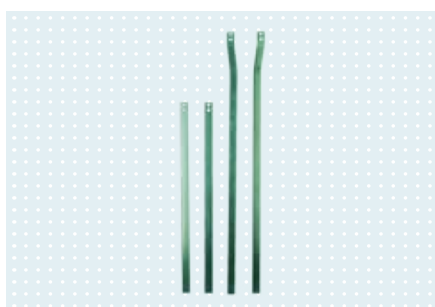
System side bar set

Reference number 17B85

Concave, consisting of two 17B88 upper side bars and one left and one right 17B89 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B85=16	16 mm	5 mm	Set
17B85=20	20 mm	5 mm	Set



System side bar set

Reference number 17B40

Overlength, flat, consisting of two 17B4 upper side bars and one left and one right 17B102 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B40=16	16 mm	4 mm	Set
17B40=20	20 mm	4 mm	Set



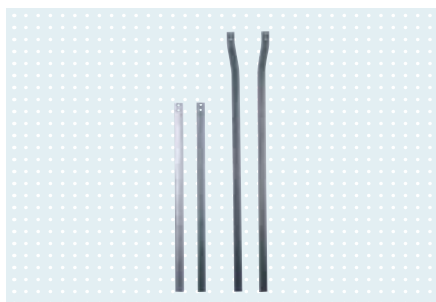
System side bar set

Reference number 17B84

Concave, consisting of two 17B86 upper side bars and one left and one right 17B87 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B84=16	16 mm	4 mm	Set
17B84=20	20 mm	4 mm	Set



System side bar set, extra long

Reference number 17B41

Consisting of two 17B6 upper side bars and one left and one right 17B104 lower side bar, with Ottobock special adhesive

Technical data

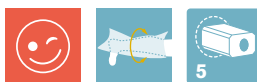
Article number	System width	Thickness	Quantity unit
17B41=16	16 mm	5 mm	Set
17B41=20	20 mm	5 mm	Set



Multifunction orthotic ankle joint

Reference number 17AD1

For use in thermoplastic ankle-foot orthoses. Dorsal and plantar limitation or spring support. With parallel alignment tool.



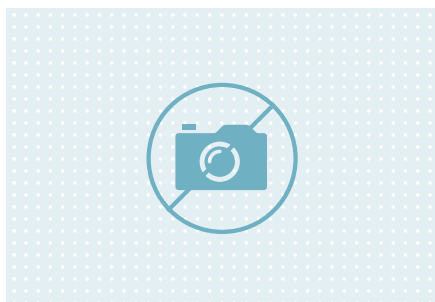
Technical data

Article number	Max. body weight	Overall length upper section – foot stirrup	Material	Quantity unit
17AD1=120	100 kg	120 mm	Stainless steel	Pair
17AD1=93	35 kg	93 mm	Stainless steel	Pair

Information material

646D1279=EN_INT	Conventional joint bar system information for practitioners
646D1306=EN_INT	Ankle joint selection guide
646F465=ALL_INT	AFO selection guide
647G166=ALL_INT	17AD1/17AF2 instructions for use

Spare part for 17AD1



Service set

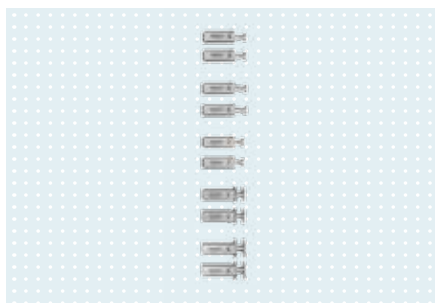
Reference number 17AS=19

Service set for 17AD1

Technical data

Article number	Scope of delivery
17AS=19	Bearing nut Compression spring Flat round disk with slot Red washer

Accessory for 17AD1



Alignment insert set

Reference number 743Y57

Technical data

Article number	Accessories for
743Y57	17AD1=120 17AD1=93



Unilateral system ankle joint

Reference number 17LA3N

The 17LA3N unilateral ankle joint is a multifunction system ankle joint with a dorsiflexion effect.



Technical data

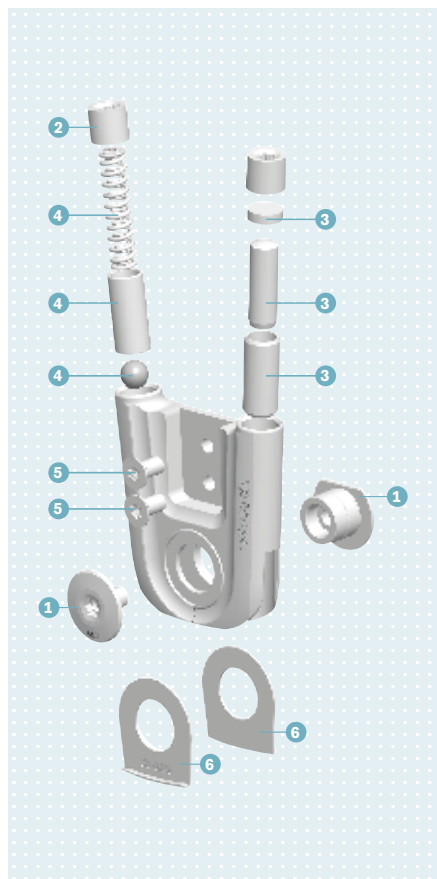
Article number	System width	Max. body weight	Material	Quantity unit
17LA3N=10	10 mm	15 kg (unilateral) / 25 kg (bilateral)	Steel	Piece
17LA3N=10-T	10 mm	15 kg (unilateral) / 25 kg (bilateral)	Titanium	Piece
17LA3N=12	12 mm	20 kg (unilateral) / 40 kg (bilateral)	Steel	Piece
17LA3N=12-T	12 mm	20 kg (unilateral) / 40 kg (bilateral)	Titanium	Piece
17LA3N=14	14 mm	50 kg (unilateral) / 80 kg (bilateral)	Steel	Piece
17LA3N=14-T	14 mm	50 kg (unilateral) / 80 kg (bilateral)	Titanium	Piece
17LA3N=16	16 mm	85 kg (unilateral) / 120 kg (bilateral)	Steel	Piece
17LA3N=16-T	16 mm	85 kg (unilateral) / 120 kg (bilateral)	Titanium	Piece
17LA3N=20	20 mm	110 kg (unilateral) / 160 kg (bilateral)	Steel	Piece
17LA3N=20-T	20 mm	110 kg (unilateral) / 160 kg (bilateral)	Titanium	Piece

Information material

646D789=EN_INT	Unilateral joint system information for practitioners
647F473=EN_INT	Unilateral joint system order form
646D1306=EN_INT	Ankle joint selection guide
646F465=ALL_INT	AFO selection guide
646F464=ALL_INT	KAFO selection guide
646T5441=EN_INT	Technical information – Fabrication of a definitive KAFO
647G1252=ALL_INT	17LA3N instructions for use

- When using the product unilaterally, the next higher size must be used in cases where there is flexion contraction in the knee or hip greater than 10°; or distinct torsion or valgus/varus instabilities; or increased physical activity.
- Use the product bilaterally if there is any ischial support or valgus/varus malpositions greater than 10°
- Lamination bar and foot stirrup are not included in scope of delivery! Please order separately.

Spare parts for 17LA3N



(1) Spare part set screwing

Reference number 17LA32N

Technical data

Article number	Spare part for	Quantity unit
17LA32N=10	17LA3N=10 17LA3N=10-T	Piece
17LA32N=12	17LA3N=12 17LA3N=12-T	Piece
17LA32N=14	17LA3N=14 17LA3N=14-T	Piece
17LA32N=16	17LA3N=16 17LA3N=16-T	Piece
17LA32N=20	17LA3N=20 17LA3N=20-T	Piece

(2) Set screw

Reference number 30Y309

Technical data

Article number	Spare part for	Quantity unit
30Y309=12	17LA3N=14 17LA3N=14-T	Piece
30Y309=20	17LA3N=16 17LA3N=16-T 17LA3N=20 17LA3N=20-T	Piece

(2) Set screw

Reference number 30Y349

Technical data

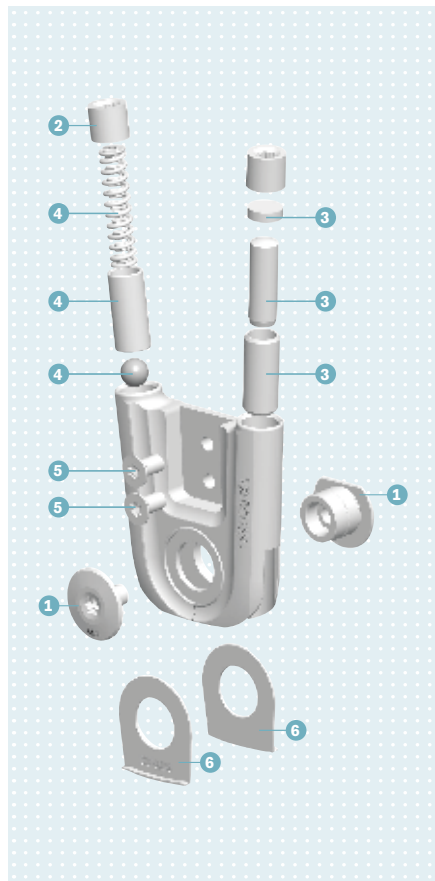
Article number	Spare part for	Quantity unit
30Y349=12	17LA3N=10 17LA3N=10-T 17LA3N=12 17LA3N=12-T	Piece

(3) Adjustable stop

Reference number 17LA35N

Technical data

Article number	Spare part for	Quantity unit
17LA35N=12	17LA3N=10 17LA3N=10-T 17LA3N=12 17LA3N=12-T	Piece
17LA35N=14	17LA3N=14 17LA3N=14-T	Piece
17LA35N=20	17LA3N=16 17LA3N=16-T 17LA3N=20 17LA3N=20-T	Piece



(4) Compression spring set

Reference number 17LA34N

Technical data

Article number	Spare part for	Quantity unit
17LA34N=12	17LA3N=10 17LA3N=10-T 17LA3N=12 17LA3N=12-T	Piece
17LA34N=14	17LA3N=14 17LA3N=14-T	Piece
17LA34N=16	17LA3N=16 17LA3N=16-T	Piece
17LA34N=20	17LA3N=20 17LA3N=20-T	Piece

(5) Countersunk head Torx screw

Reference number 501S137

Technical data

Article number	Spare part for	Quantity unit
501S137=M4X8	17LA3N=10 17LA3N=10-T 17LA3N=12 17LA3N=12-T	Piece
501S137=M4X10-2	17LA3N=14 17LA3N=14-T	Piece
501S137=M5X10-1	17LA3N=16 17LA3N=16-T 17LA3N=20 17LA3N=20-T	Piece

(6) Axial washers set

Reference number 17LA33N

Technical data

Article number	Spare part for	Scope of delivery	Quantity unit
17LA33N=10	17LA3N=10 17LA3N=10-T	30Y344=10X0.70 30Y344=10X0.75 30Y344=10X0.80 30Y344=10X0.85 30Y344=10X0.90	Set
17LA33N=12	17LA3N=12 17LA3N=12-T	30Y305=12X0.70 30Y305=12X0.75 30Y305=12X0.80 30Y305=12X0.85 30Y305=12X0.90	Set
17LA33N=14	17LA3N=14 17LA3N=14-T	30Y305=14X0.85 30Y305=14X0.90 30Y305=14X0.95 30Y305=14X1.00 30Y305=14X1.05 30Y305=14X1.10	Set
17LA33N=16	17LA3N=16 17LA3N=16-T	30Y344=16X0.85 30Y344=16X0.90 30Y344=16X0.95 30Y344=16X1.00 30Y344=16X1.05 30Y344=16X1.10	Set
17LA33N=20	17LA3N=20 17LA3N=20-T	30Y305=20X0.85 30Y305=20X0.90 30Y305=20X0.95 30Y305=20X1.00 30Y305=20X1.05 30Y305=20X1.10	Set



Dummy cover

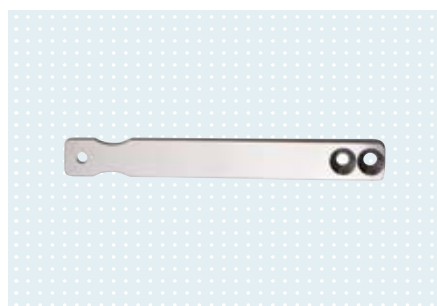
Reference number 17LD1N-P

Cover for 17LD1N lamination dummy

Technical data

Article number	Spare part for	Material	Quantity unit
17LD1N=10-P	17LA3N=10 17LA3N=10-T	Stainless steel	Piece
17LD1N=12-P	17LA3N=12 17LA3N=12-T	Stainless steel	Piece
17LD1N=14-P	17LA3N=14 17LA3N=14-T	Stainless steel	Piece
17LD1N=16-P	17LA3N=16 17LA3N=16-T	Stainless steel	Piece
17LD1N=20-P	17LA3N=20 17LA3N=20-T	Stainless steel	Piece

Accessory for 17LA3N



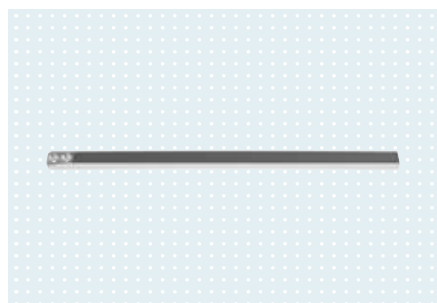
Lamination bar

Reference number 17LS3



Technical data

Article number	Length	Width	Thickness	Material	Quantity unit
17LS3=10	80 mm	10 mm	5 mm bottom/3 mm top	Stainless steel	Piece
17LS3=10-T	80 mm	10 mm	5 mm bottom/3 mm top	Titanium	Piece
17LS3=12	80 mm	12 mm	5 mm bottom/3 mm top	Stainless steel	Piece
17LS3=12-T	80 mm	12 mm	5 mm bottom/3 mm top	Titanium	Piece
17LS3=14	100 mm	14 mm	6 mm bottom/2.5 mm top	Stainless steel	Piece
17LS3=14-T	100 mm	14 mm	6 mm bottom/2.5 mm top	Titanium	Piece
17LS3=16	130 mm	16 mm	6 mm bottom/3 mm top	Stainless steel	Piece
17LS3=16-T	130 mm	16 mm	6 mm bottom/3 mm top	Titanium	Piece
17LS3=20	130 mm	20 mm	6 mm bottom/3 mm top	Stainless steel	Piece
17LS3=20-T	130 mm	20 mm	6 mm bottom, 3 mm top	Titanium	Piece



Side bar

Reference number 17LV3

Side bar for the unilateral joint system

Technical data

Article number	Width	Material	Quantity unit
17LV3=10	10 mm	Stainless steel	Piece
17LV3=12	12 mm	Stainless steel	Piece
17LV3=16	16 mm	Stainless steel	Piece
17LV3=20	20 mm	Stainless steel	Piece
17LV3=L-16	16 mm	Stainless steel	Piece
17LV3=L-20	20 mm	Stainless steel	Piece
17LV3=R-16	16 mm	Stainless steel	Piece
17LV3=R-20	20 mm	Stainless steel	Piece



Lamination dummy for unilateral orthotic ankle joint incl. shoulder screw

Reference number 17LD1N

Technical data

Article number	Accessories for	Material	Quantity unit
17LD1N=10	17LA3N=10 17LA3N=10-T	Stainless steel	Piece
17LD1N=12	17LA3N=12 17LA3N=12-T	Stainless steel	Piece
17LD1N=14	17LA3N=14 17LA3N=14-T	Stainless steel	Piece
17LD1N=16	17LA3N=16 17LA3N=16-T	Stainless steel	Piece
17LD1N=20	17LA3N=20 17LA3N=20-T	Stainless steel	Piece



Foot stirrup

Reference number 17LF3N

Free motion up to 20° plantar flexion and 20° dorsal extension, only in combination with the 17LA3N=* orthotic ankle joint



Technical data

Article number	Accessories for	Material	Quantity unit
17LF3N=10	17LA3N=10 17LA3N=10-T	Stainless steel	Piece
17LF3N=12	17LA3N=12 17LA3N=12-T	Stainless steel	Piece
17LF3N=14	17LA3N=14 17LA3N=14-T	Stainless steel	Piece
17LF3N=16	17LA3N=16 17LA3N=16-T	Stainless steel	Piece
17LF3N=20	17LA3N=20 17LA3N=20-T	Stainless steel	Piece



Foot stirrup

Reference number 17LF31N

Free motion up to 20° plantar flexion and 20° dorsal extension, only in combination with the 17LA3N=* orthotic ankle joint



Technical data

Article number	Accessories for	Material	Quantity unit
17LF31N=10	17LA3N=10 17LA3N=10-T	Stainless steel	Piece
17LF31N=12	17LA3N=12 17LA3N=12-T	Stainless steel	Piece
17LF31N=14	17LA3N=14 17LA3N=14-T	Stainless steel	Piece
17LF31N=16	17LA3N=16 17LA3N=16-T	Stainless steel	Piece
17LF31N=20	17LA3N=20 17LA3N=20-T	Stainless steel	Piece

Spare parts for 17LF3N, 17LF31N



Plastic bushing

Reference number 30Y306

Bushing for 17LF3N, 17LF31N and 17SF100=OS foot stirrups

Technical data

Article number	Spare part for
30Y306=10	17LF31N=10 17LF3N=10
30Y306=12	17LF3N=12 17LF31N=12
30Y306=14	17LF3N=14 17LF31N=14
30Y306=16	17LF3N=16 17LF31N=16
30Y306=20	17LF3N=20 17LF31N=20

Multifunction ankle joints – System joints – Order form unilateral joint system

Company		Date	
Technician		Signature	
Customer no.			

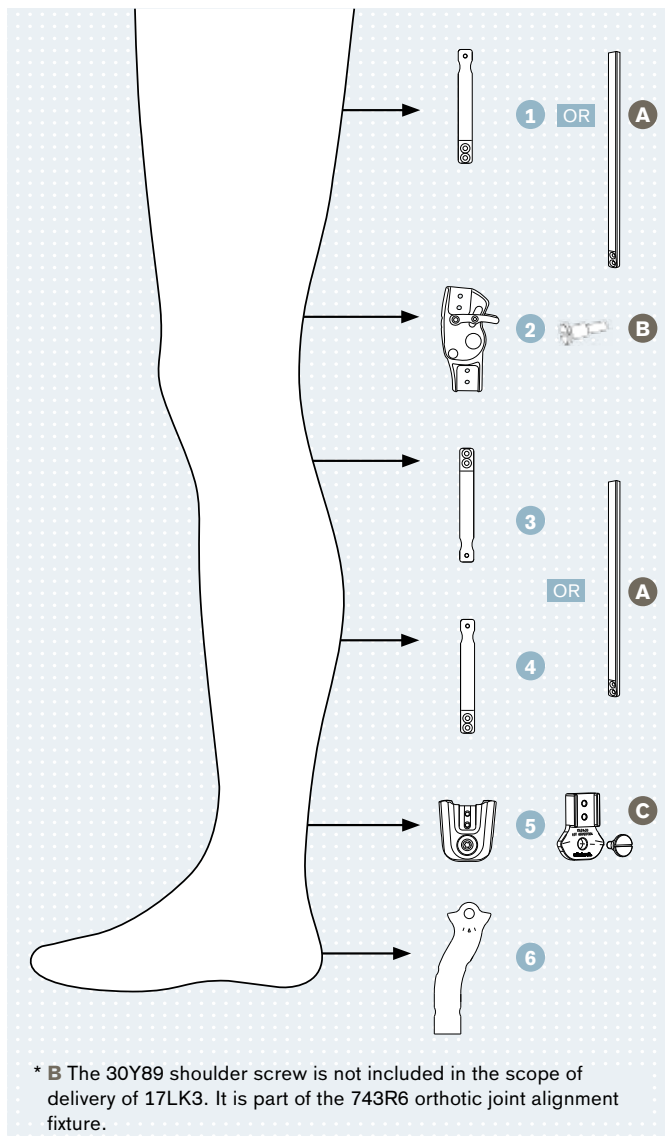
User information

Surname, first name Weight

Age Indication

Side Left Right Bilateral

The size chosen depends on the patient's weight and the conditions of use.



1 Lamination bar 17LS3=* OR		A Extension bar 17LV3=* 	
Steel version	Titanium version	Steel version	
<input type="checkbox"/> 17LS3=10	<input type="checkbox"/> 17LS3=10-T	<input type="checkbox"/> 17LV3=10	
<input type="checkbox"/> 17LS3=12	<input type="checkbox"/> 17LS3=12-T	<input type="checkbox"/> 17LV3=12	
<input type="checkbox"/> 17LS3=14	<input type="checkbox"/> 17LS3=14-T	<input type="checkbox"/> 17LV3=14	
<input type="checkbox"/> 17LS3=16	<input type="checkbox"/> 17LS3=16-T	<input type="checkbox"/> 17LV3=16	
<input type="checkbox"/> 17LS3=20	<input type="checkbox"/> 17LS3=20-T	<input type="checkbox"/> 17LV3=20	
2 Unilateral Knee Joint 17LK3=* 			
Steel version	Titanium version	Side	B Shoulder screw*
<input type="checkbox"/> 17LK3=12	<input type="checkbox"/> 17LK3=12-T	<input type="checkbox"/> L <input type="checkbox"/> R	<input type="checkbox"/> 30Y89
<input type="checkbox"/> 17LK3=14	<input type="checkbox"/> 17LK3=14-T	<input type="checkbox"/> L <input type="checkbox"/> R	<input type="checkbox"/> 30Y89
<input type="checkbox"/> 17LK3=16	<input type="checkbox"/> 17LK3=16-T	<input type="checkbox"/> L <input type="checkbox"/> R	<input type="checkbox"/> 30Y89
<input type="checkbox"/> 17LK3=20	<input type="checkbox"/> 17LK3=20-T	<input type="checkbox"/> L <input type="checkbox"/> R	<input type="checkbox"/> 30Y89
3, 4 Lamination bar 17LS3=* OR		A Extension bar 17LV3=* 	
Steel version	Titanium version	Steel version	
<input type="checkbox"/> 17LS3=10	<input type="checkbox"/> 17LS3=10-T	<input type="checkbox"/> 17LV3=10	
<input type="checkbox"/> 17LS3=12	<input type="checkbox"/> 17LS3=12-T	<input type="checkbox"/> 17LV3=12	
<input type="checkbox"/> 17LS3=14	<input type="checkbox"/> 17LS3=14-T	<input type="checkbox"/> 17LV3=14	
<input type="checkbox"/> 17LS3=16	<input type="checkbox"/> 17LS3=16-T	<input type="checkbox"/> 17LV3=16	
<input type="checkbox"/> 17LS3=20	<input type="checkbox"/> 17LS3=20-T	<input type="checkbox"/> 17LV3=20	
5 Unilateral Ankle Joint 17LA3N=* 			
Steel version	Titanium version	C Optional lamination dummy with shoulder screw	
<input type="checkbox"/> 17LA3N=10	<input type="checkbox"/> 17LA3N=10-T	<input type="checkbox"/> 17LD1N=10	
<input type="checkbox"/> 17LA3N=12	<input type="checkbox"/> 17LA3N=12-T	<input type="checkbox"/> 17LD1N=12	
<input type="checkbox"/> 17LA3N=14	<input type="checkbox"/> 17LA3N=14-T	<input type="checkbox"/> 17LD1N=14	
<input type="checkbox"/> 17LA3N=16	<input type="checkbox"/> 17LA3N=16-T	<input type="checkbox"/> 17LD1N=16	
<input type="checkbox"/> 17LA3N=20	<input type="checkbox"/> 17LA3N=20-T	<input type="checkbox"/> 17LD1N=20	
6 Foot stirrup (Steel) 17LF3N=* 			
<input type="checkbox"/> 17LF3N=10	<input type="checkbox"/> 17LF3N=14	<input type="checkbox"/> 17LF3N=20	
<input type="checkbox"/> 17LF3N=12	<input type="checkbox"/> 17LF3N=16		

* **B** The 30Y89 shoulder screw is not included in the scope of delivery of 17LK3. It is part of the 743R6 orthotic joint alignment fixture.



Unilateral C-Brace® ankle joint

Reference number 17AO100

The 17AO100 unilateral ankle joint is a multifunction system ankle joint with a dorsiflexion effect. It is approved only in combination with the C-Brace®.



Technical data

Article number	Bar width	Max. body weight
17AO100=22-T	22 mm	110 kg

- Lamination bar and foot stirrup are included in scope of delivery.

Scope of delivery

17AO100	Unilateral C-Brace® ankle joint	1	Piece
17S100	C-Brace® lamination bar	1	Piece
17SF100=OS*	Foot stirrup and shrink down tube	1	Piece
17LD1N-P	Dummy cover	1	Piece
17LA33N	Axial washers set	1	Piece
17AO100S	Service set screw connection	1	Piece
17AO100S	Service set spring	1	Piece
17AO100S	Service set bumpers	1	Piece
30Y450	Set screw	1	Piece
501S136	Flat head Torx screw	1	Piece

Spare parts for 17AO100



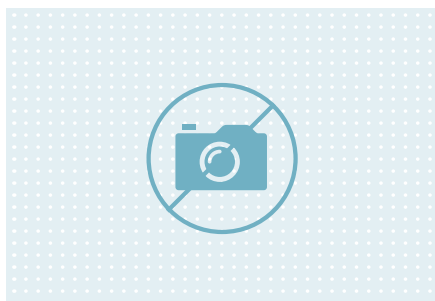
Lamination dummy for ankle joints incl. shoulder screw

Reference number 17LD1N

Lamination dummy for embedding the 17LA33N and 17AO100 unilateral ankle joints

Technical data

Article number	Spare part for	Material	Quantity unit
17LD1N=22	17AO100=22-T	Stainless steel	Piece



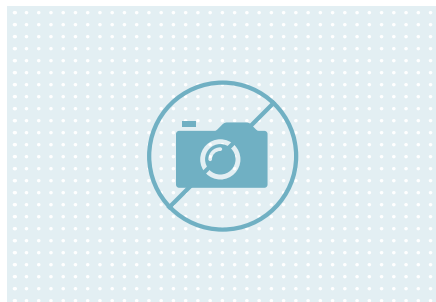
Dummy cover

Reference number 17LD1N-P

Cover for 17LD1N lamination dummy

Technical data

Article number	Spare part for	Material	Quantity unit
17LD1N=22-P	17AO100=22-T	Stainless steel	Piece



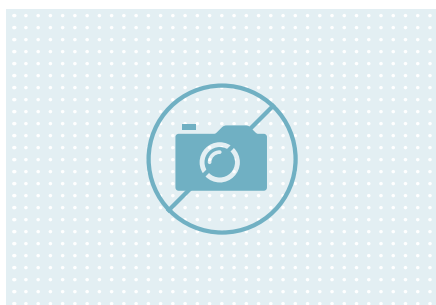
C-Brace® lamination bar

Reference number 17S100

Lamination bar for the 17A0100 C-Brace® ankle joint

Technical data

Article number	Quantity unit
17S100=LB-22-T	Piece



Axial washers set

Reference number 17LA33N

Set of axial washers for the unilateral ankle joints 17LA3N and 17A0100

Technical data


Article number	Spare part for	Quantity unit
17LA33N=20	17A0100=22-T	Set


Service set


Reference number 17A0100S

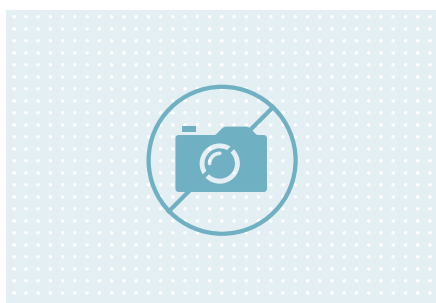
Service sets for unilateral C-Brace® ankle joint 17A0100

Technical data

Article image	Description	Article number
	Service set screw connection	17A0100S=22-1

	Service set spring	17A0100S=22-2
---	--------------------	---------------

	Service set bumpers	17A0100S=22-3
---	---------------------	---------------



Foot stirrup and shrink down tube

Reference number 17SF100=OS*

Foot stirrup for the Nexgear Tango ankle joint and the 17A0100=22-T unilateral C-Brace® ankle joint

Technical data

Article number
17SF100=OS-22



Set screw

Reference number 30Y450

Set screw for 17A0100 unilateral C-Brace® ankle joint

Technical data

Article number

30Y450=22



Flat head Torx screw

Reference number 501S136

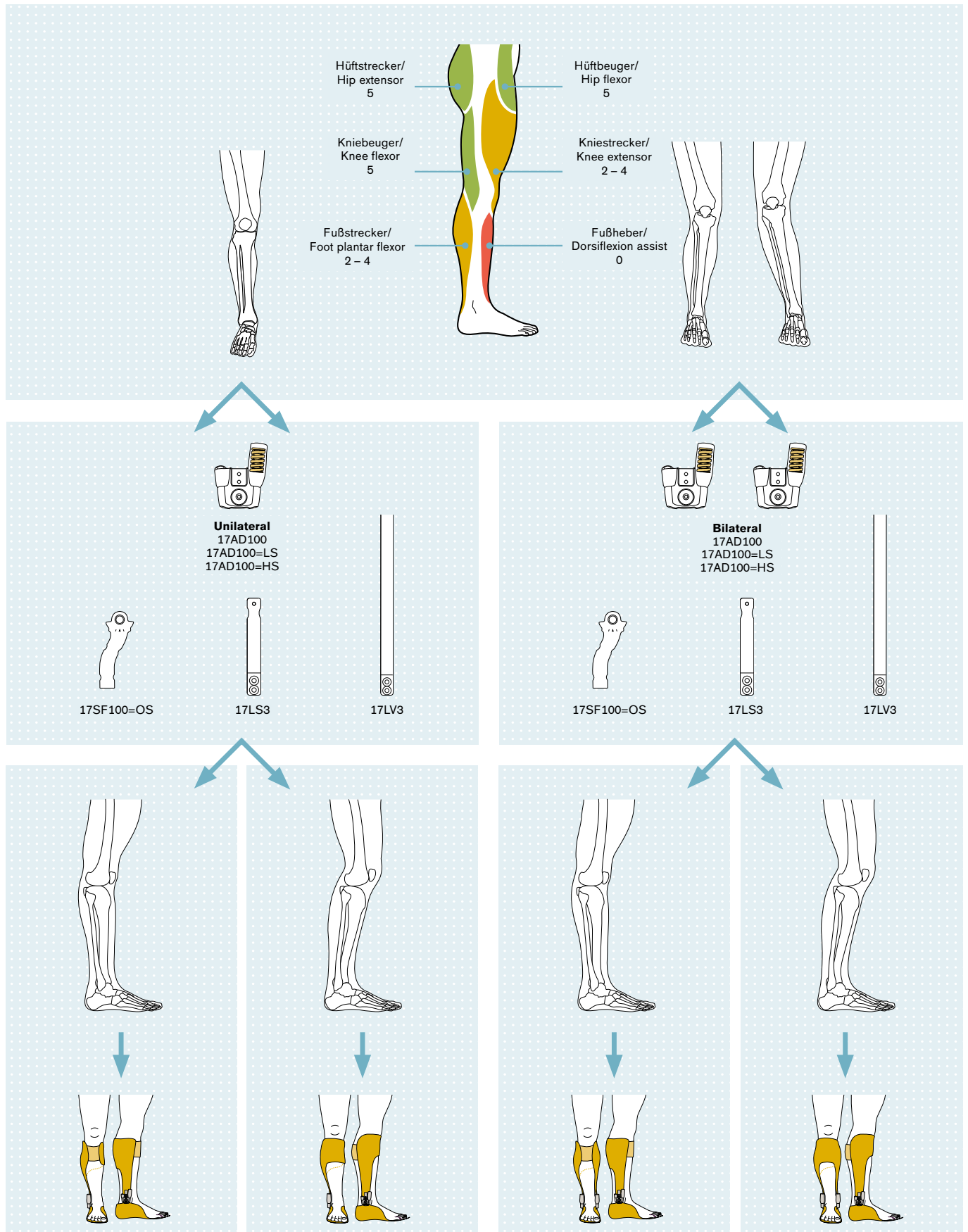
Flat head Torx screw for 17A0100 unilateral C-Brace® ankle joint

Technical data

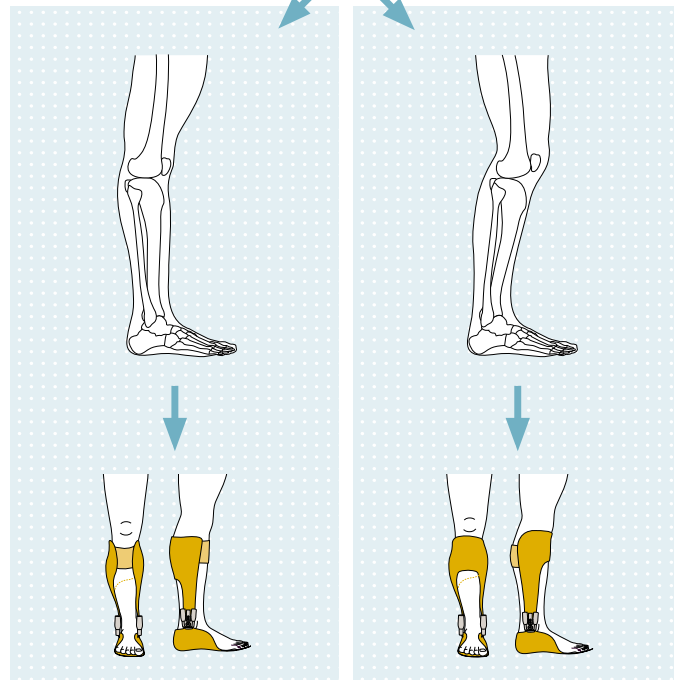
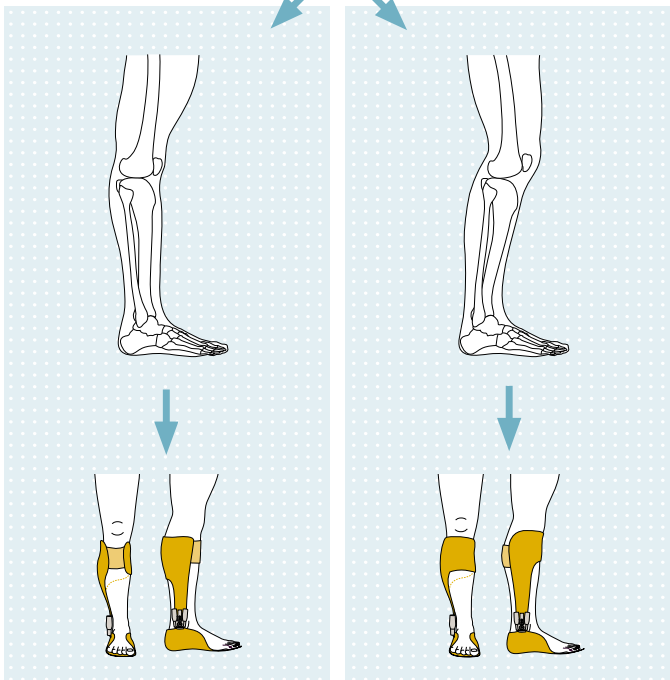
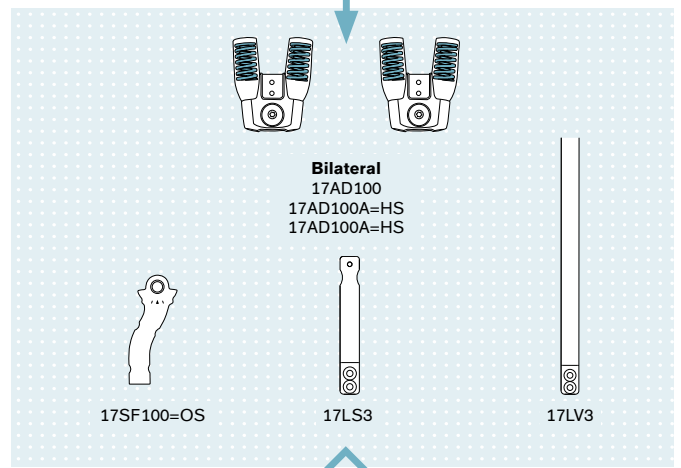
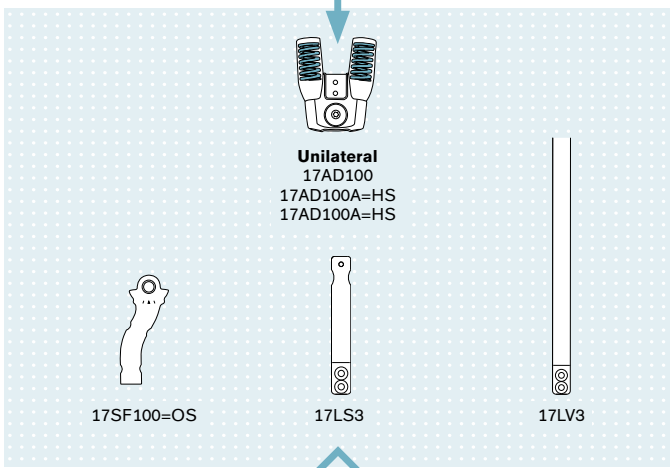
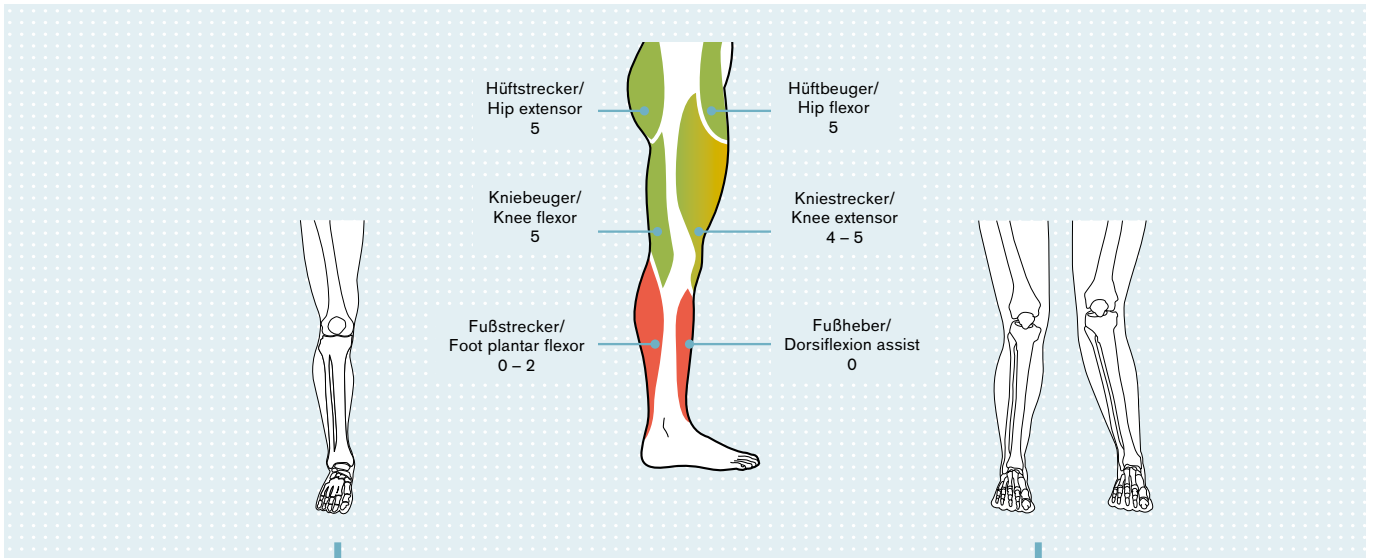
Article number

501S136=M6X12-1

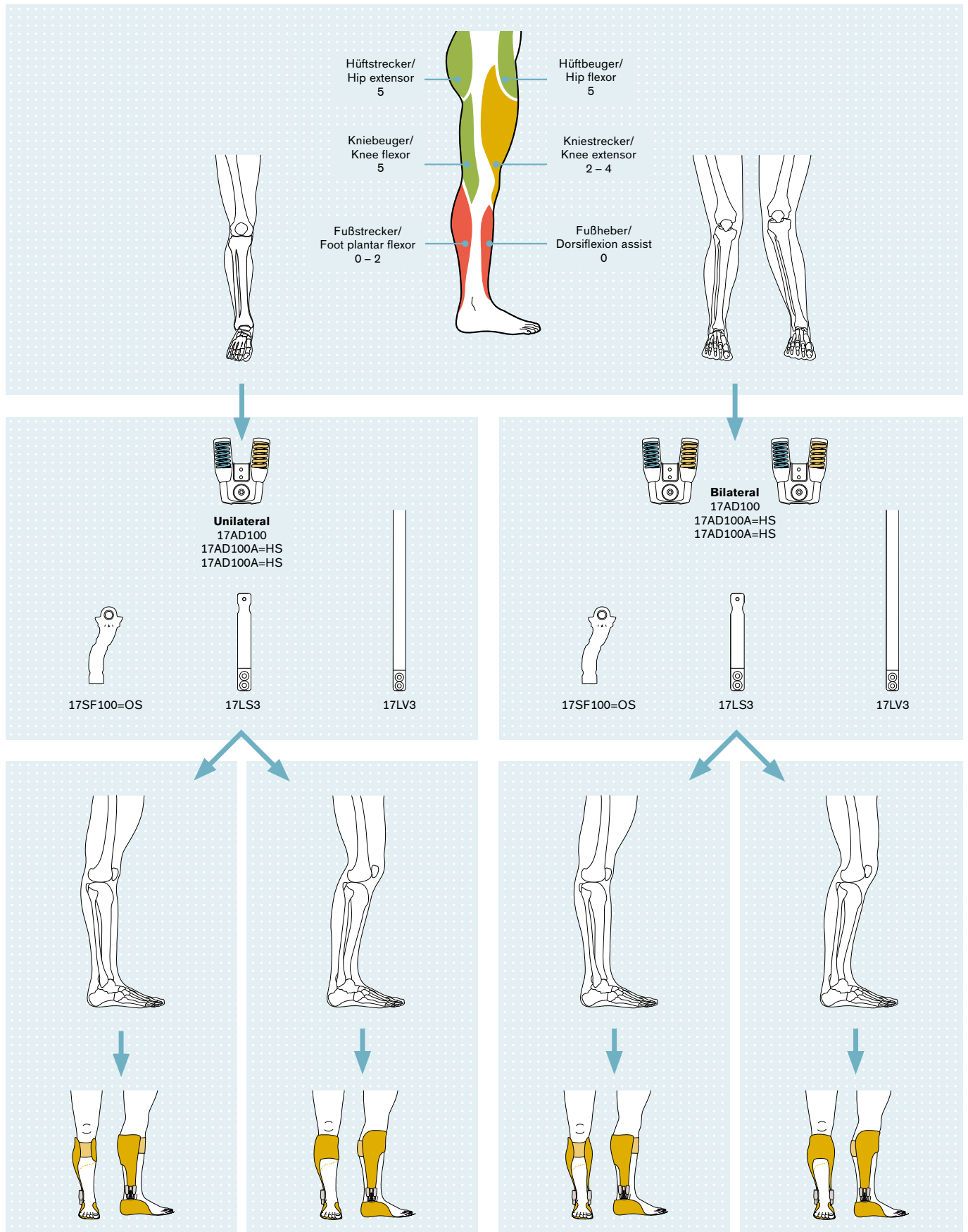
Multifunction ankle joints – System joints – Selection aid Nexgear Tango



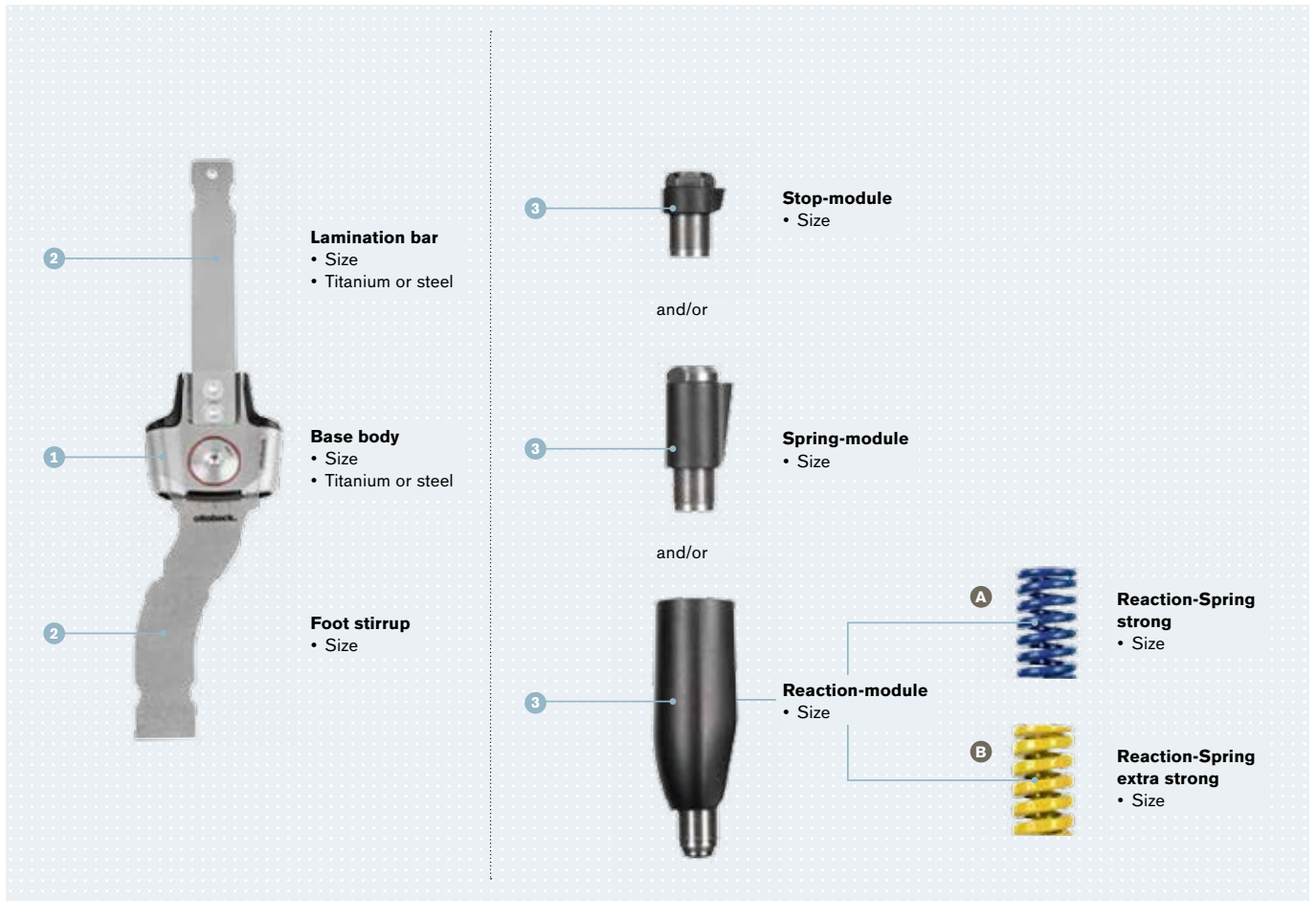
Multifunction ankle joints – System joints – Selection aid Nexgear Tango

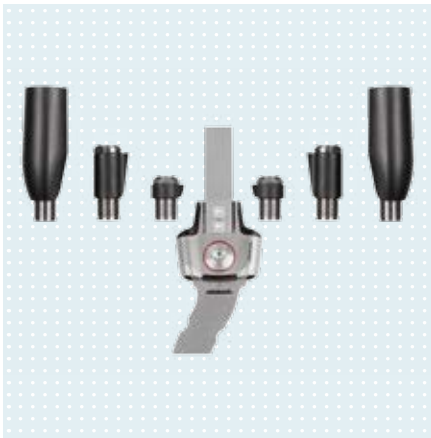


Multifunction ankle joints – System joints – Selection aid Nexgear Tango



Multifunction ankle joints – System joints – Selection aid Nexgear Tango





Nexgear Tango ankle joint

Reference number 17AD100

The Nexgear Tango is a modular system ankle joint with high energy return. The three function modules ensure optimal adaptation to the user's needs in terms of function and design.



Features and benefits

- Double action ankle joint with three functional modules (Stop-module, Spring-module, Reaction-module) ensures optimum adaptation to the user's needs in terms of function and design
 - Individually adaptable throughout the entire rehabilitation process thanks to modules that can be added and removed
 - For adults and children, selected by weight classification
 - For unilateral and bilateral fittings
 - Base body available in titanium and steel
- Please order the separate components according to the individual needs of your patient.

Information material

646D1267=EN_INT	Nexgear Tango Information for practitioners
647F581=EN_INT	Nexgear Tango order form
646F483=ALL_INT	Nexgear Tango selection guide
646D1306=EN_INT	Ankle joint selection guide
646F465=ALL_INT	AFO selection guide
646T524=EN	Nexgear Tango technical information
647G1220=ALL_INT	Nexgear Tango instructions for use

Components of 17AD100



Base body

Reference number 17AD100

Base body for the Nexgear Tango orthotic ankle joint

Technical data

Article number	System width	Max. body weight	Material	Quantity unit
17AD100=10	10 mm	15 kg (unilateral)/25 kg (bilateral)	Steel	Piece
17AD100=10-T	10 mm	15 kg (unilateral)/25 kg (bilateral)	Titanium	Piece
17AD100=12	12 mm	20 kg (unilateral)/40 kg (bilateral)	Steel	Piece
17AD100=12-T	12 mm	20 kg (unilateral)/40 kg (bilateral)	Titanium	Piece
17AD100=14	14 mm	50 kg (unilateral)/80 kg (bilateral)	Steel	Piece
17AD100=14-T	14 mm	50 kg (unilateral)/80 kg (bilateral)	Titanium	Piece
17AD100=16	16 mm	85 kg (unilateral)/120 kg (bilateral)	Steel	Piece
17AD100=16-T	16 mm	85 kg (unilateral)/120 kg (bilateral)	Titanium	Piece
17AD100=20	20 mm	110 kg (unilateral)/160 kg (bilateral)	Steel	Piece
17AD100=20-T	20 mm	110 kg (unilateral)/160 kg (bilateral)	Titanium	Piece

- The weight classification permits unilateral use for a user body weight of up to 110 kg and bilateral use for up to 160 kg.

Information material

647G1220=ALL_INT	Nexgear Tango instructions for use
647F581=EN_INT	Nexgear Tango order form
646T524=EN	Nexgear Tango technical information



Stop-module

Reference number 17AD100A=AS*

Stop-module for the Nexgear Tango ankle joint

Technical data

Article number	System width	Max. body weight	Quantity unit
17AD100A=AS-10	10 mm	15 kg (unilateral)/25 kg (bilateral)	Piece
17AD100A=AS-12	12 mm	20 kg (unilateral)/40 kg (bilateral)	Piece
17AD100A=AS-14	14 mm	50 kg (unilateral)/80 kg (bilateral)	Piece
17AD100A=AS-16	16 mm	85 kg (unilateral)/120 kg (bilateral)	Piece
17AD100A=AS-20	20 mm	120 kg (unilateral)/160 kg (bilateral)	Piece

- You can use the module for the adjustable stop to set a continuously variable dorsal or plantar stop.



Spring-module

Reference number 17AD100A=LS*

Spring-module for the Nexgear Tango ankle joint

Technical data

Article number	System width	Max. body weight	Quantity unit
17AD100A=LS-10	10 mm	15 kg (unilateral)/25 kg (bilateral)	Piece
17AD100A=LS-12	12 mm	20 kg (unilateral)/40 kg (bilateral)	Piece
17AD100A=LS-14	14 mm	50 kg (unilateral)/80 kg (bilateral)	Piece
17AD100A=LS-16	16 mm	85 kg (unilateral)/120 kg (bilateral)	Piece
17AD100A=LS-20	20 mm	120 kg (unilateral)/160 kg (bilateral)	Piece



Reaction-module

Reference number 17AD100A=HS*

Reaction-module for the Nexgear Tango ankle joint

Technical data

Article number	System width	Max. body weight	Quantity unit
17AD100A=HS-10	10 mm	15 kg (unilateral)/25 kg (bilateral)	Piece
17AD100A=HS-12	12 mm	20 kg (unilateral)/40 kg (bilateral)	Piece
17AD100A=HS-14	14 mm	50 kg (unilateral)/80 kg (bilateral)	Piece
17AD100A=HS-16	16 mm	85 kg (unilateral)/120 kg (bilateral)	Piece
17AD100A=HS-20	20 mm	110 kg (unilateral)/160 kg (bilateral)	Piece

- The Reaction-springs must be ordered separately for each module.



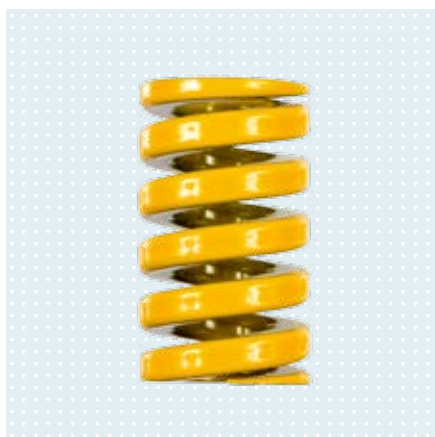
Reaction-spring, strong

Reference number 17AD100A=HS*

The Reaction-spring of the Reaction-module is available in two different strengths (strong or extra strong). The corresponding spring is selected according to the individual spring force required.

Technical data

Article number	for	Quantity unit
17AD100A=HS-12-1	17AD100A=HS-10 17AD100A=HS-12	Piece
17AD100A=HS-14-1	17AD100A=HS-14	Piece
17AD100A=HS-20-1	17AD100A=HS-16 17AD100A=HS-20	Piece



Reaction-spring, extra strong

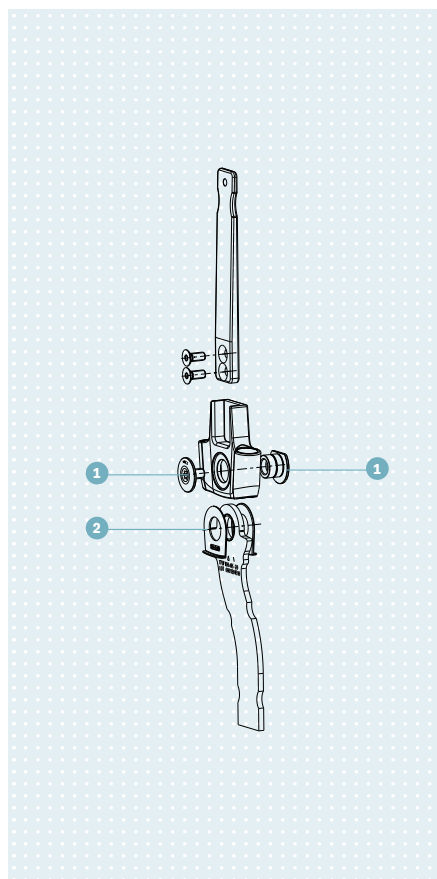
Reference number 17AD100A=HS*

The Reaction-spring of the Reaction-module is available in two different strengths (strong or extra strong). The corresponding spring is selected according to the individual spring force required.

Technical data

Article number	for	Quantity unit
17AD100A=HS-12-2	17AD100A=HS-10 17AD100A=HS-12	Piece
17AD100A=HS-14-2	17AD100A=HS-14	Piece
17AD100A=HS-20-2	17AD100A=HS-16 17AD100A=HS-20	Piece

Spare parts for 17AD100 Base body



(1) Service set for base body

Reference number 17AD100S

Technical data

Article number	Spare part for
17AD100S=10	17AD100=10-T 17AD100=10
17AD100S=12	17AD100=12-T 17AD100=12
17AD100S=14	17AD100=14-T 17AD100=14
17AD100S=16	17AD100=16-T 17AD100=16
17AD100S=20	17AD100=20-T 17AD100=20

(2) Service set for axial washers

Reference number 17AD100S

Technical data

Article number	Spare part for
17AD100S=10-1	17AD100=10-T 17AD100=10
17AD100S=12-1	17AD100=12-T 17AD100=12
17AD100S=14-1	17AD100=14-T 17AD100=14
17AD100S=16-1	17AD100=16-T 17AD100=16
17AD100S=20-1	17AD100=20-T 17AD100=20



Dummy cover

Reference number 17AD100A=DY*

Dummy cover for the 17AD100A=DY* dummy

Technical data

Article number	Spare part for
17AD100A=DY-10-P	17AD100=10-T 17AD100=10
17AD100A=DY-12-P	17AD100=12-T 17AD100=12
17AD100A=DY-14-P	17AD100=14-T 17AD100=14
17AD100A=DY-16-P	17AD100=16-T 17AD100=16
17AD100A=DY-20-P	17AD100=20-T 17AD100=20

Spare parts for 17AD100A=AS* Stop-module



(1) Set screw

Reference number 30Y309

Technical data

Article number	Spare part for	Quantity unit
30Y309=10	17AD100A=AS-10 17AD100A=LS-10	Piece
30Y309=12	17AD100A=AS-12 17AD100A=LS-12	Piece
30Y309=14	17AD100A=AS-14 17AD100A=LS-14	Piece
30Y309=20	17AD100A=AS-20 17AD100A=AS-16 17AD100A=LS-16 17AD100A=LS-20	Piece

(2) Service set for Stop-module

Reference number 17AD100S=AS*

Technical data

Article number	Spare part for	Scope of delivery
17AD100S=AS-10-1	17AD100A=AS-10	1x Bumper
17AD100S=AS-12-1	17AD100A=AS-12	1x Bumper
17AD100S=AS-14-1	17AD100A=AS-14	1x Bumper
17AD100S=AS-20-1	17AD100A=AS-20 17AD100A=AS-16	1x Bumper

(3) Cover for Stop-module

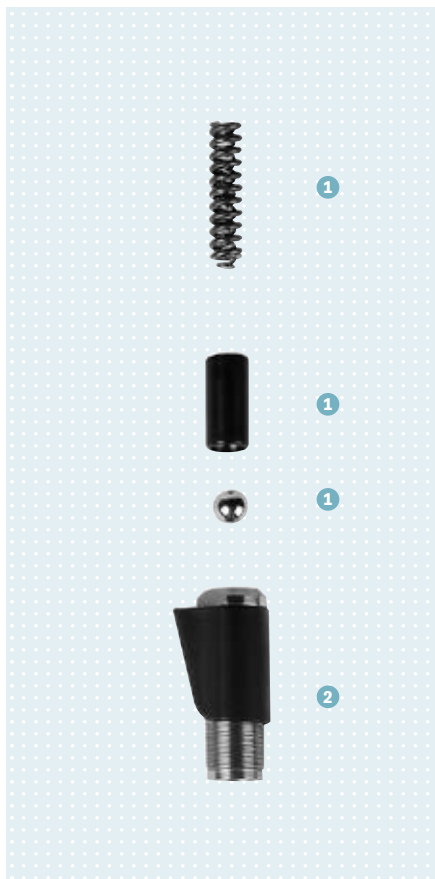
Reference number 17AD100S=AS*

Technical data

Article number	Spare part for
17AD100S=AS-10-2	17AD100A=AS-10
17AD100S=AS-12-2	17AD100A=AS-12
17AD100S=AS-14-2	17AD100A=AS-14
17AD100S=AS-16-2	17AD100A=AS-16
17AD100S=AS-20-2	17AD100A=AS-20

Spare parts for 17AD100A=LS* Spring-module

2



(1) Service set for Spring-module

Reference number 17AD100S=LS*

Technical data

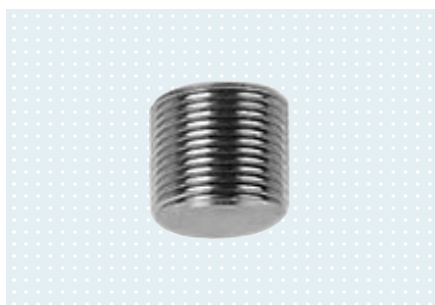
Article number	Spare part for	Scope of delivery
17AD100S=LS-10-1	17AD100A=LS-10	1x compression spring 1x plastic sleeve 1x ball
17AD100S=LS-12-1	17AD100A=LS-12	1x compression spring 1x plastic sleeve 1x ball
17AD100S=LS-14-1	17AD100A=LS-14	1x compression spring 1x plastic sleeve 1x ball
17AD100S=LS-16-1	17AD100A=LS-16	1x compression spring 1x plastic sleeve 1x ball
17AD100S=LS-20-1	17AD100A=LS-20	1x compression spring 1x plastic sleeve 1x ball

(2) Cover for Spring-module

Reference number 17AD100S=LS*

Technical data

Article number	Spare part for
17AD100S=LS-10-2	17AD100A=LS-10
17AD100S=LS-12-2	17AD100A=LS-12
17AD100S=LS-14-2	17AD100A=LS-14
17AD100S=LS-16-2	17AD100A=LS-16
17AD100S=LS-20-2	17AD100A=LS-20



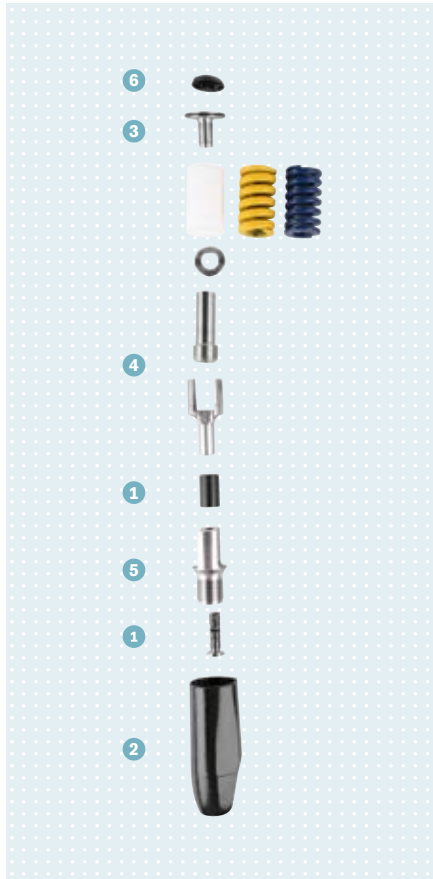
Set screw

Reference number 30Y309

Technical data

Article number	Spare part for
30Y309=10	17AD100A=LS-10
30Y309=12	17AD100A=LS-12
30Y309=14	17AD100A=LS-14
30Y309=20	17AD100A=LS-16 17AD100A=LS-20

Spare parts for 17AD100A=HS* Reaction-module



(1) Service set for Reaction-module

Reference number 17AD100S=HS*

Technical data

Article number	Spare part for	Scope of delivery
17AD100S=HS-10-1	17AD100A=HS-10	1x bumper 1x plastic sleeve
17AD100S=HS-12-1	17AD100A=HS-12	1x bumper 1x plastic sleeve
17AD100S=HS-14-1	17AD100A=HS-14	1x bumper 1x plastic sleeve
17AD100S=HS-20-1	17AD100A=HS-20 17AD100A=HS-16	1x bumper 1x plastic sleeve

(2) Cover for Reaction-module

Reference number 17AD100S=HS*

Technical data

Article number	Spare part for
17AD100S=HS-10-2	17AD100A=HS-10
17AD100S=HS-12-2	17AD100A=HS-12
17AD100S=HS-14-2	17AD100A=HS-14
17AD100S=HS-16-2	17AD100A=HS-16
17AD100S=HS-20-2	17AD100A=HS-20

(3) Spring bolt for Reaction-module

Reference number 17AD100S=HS*

Technical data

Article number	Spare part for	Scope of delivery
17AD100S=HS-10-3	17AD100A=HS-10	1x spring screw
17AD100S=HS-12-3	17AD100A=HS-12	1x spring screw
17AD100S=HS-14-3	17AD100A=HS-14	1x spring screw
17AD100S=HS-20-3	17AD100A=HS-20 17AD100A=HS-16	1x spring screw

(4) Service set for Reaction-module

Reference number 17AD100S=HS*

Technical data

Article number	Spare part for	Scope of delivery
17AD100S=HS-10-4	17AD100A=HS-10	1x washer 1x spring centering piece 1x spring tappet
17AD100S=HS-12-4	17AD100A=HS-12	1x washer 1x spring centering piece 1x spring tappet
17AD100S=HS-14-4	17AD100A=HS-14	1x washer 1x spring centering piece 1x spring tappet
17AD100S=HS-20-4	17AD100A=HS-20 17AD100A=HS-16	1x washer 1x spring centering piece 1x spring tappet

(5) Support element

Reference number 30Y444

Technical data

Article number	Spare part for	Scope of delivery
30Y444=10	17AD100A=HS-10	1x support element
30Y444=12	17AD100A=HS-12	1x support element
30Y444=14	17AD100A=HS-14	1x support element
30Y444=20	17AD100A=HS-20 17AD100A=HS-16	1x support element

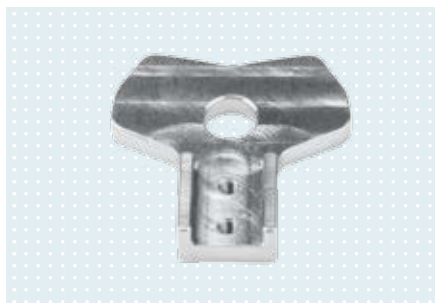
(6) Cover cap

Reference number 516K2

Technical data

Article number	Spare part for	Scope of delivery
516K2=25-7	17AD100A=HS-12 17AD100A=HS-10	1x cover cap
516K2=30-7	17AD100A=HS-20 17AD100A=HS-16 17AD100A=HS-14	1x cover cap

Accessory for 17AD100



Dummy

Reference number 17AD100A=DY*

Dummy for the Nexgear Tango ankle joint

Technical data

Article number	Accessories for
17AD100A=DY-10	17AD100=10 17AD100=10-T
17AD100A=DY-12	17AD100=12-T 17AD100=12
17AD100A=DY-14	17AD100=14 17AD100=14-T
17AD100A=DY-16	17AD100=16 17AD100=16-T
17AD100A=DY-20	17AD100=20 17AD100=20-T

- The 17AD100A =DY*-P plastic cover is included in the scope of delivery of the 17AD100 base body.

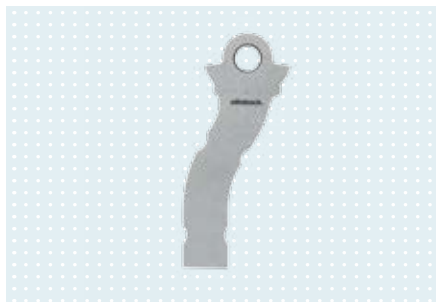
Spare part for 17AD100A=DY*

Screw with flattened half-round head

Reference number 501F9

Technical data

Article number	Spare part for
501F9=M4X20	17AD100A=DY-10 17AD100A=DY-12 17AD100A=DY-14
501F9=M6X25-1	17AD100A=DY-16 17AD100A=DY-20



Foot stirrup

Reference number 17SF100=OS*

Technical data

Article number	Accessories for
17SF100=OS-10	17AD100=10 17AD100=10-T
17SF100=OS-12	17AD100=12-T 17AD100=12
17SF100=OS-14	17AD100=14 17AD100=14-T
17SF100=OS-16	17AD100=16 17AD100=16-T
17SF100=OS-20	17AD100=20 17AD100=20-T

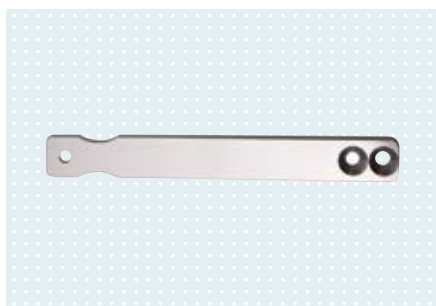
Spare part for 17SF100=OS*

Plastic bushing

Reference number 30Y306

Technical data

Article number	Spare part for
30Y306=10	17SF100=OS-10
30Y306=12	17SF100=OS-12
30Y306=14	17SF101=OS-14 17SF100=OS-14
30Y306=20	17SF101=OS-20 17SF100=OS-20 17SF100=OS-16



Lamination bar

Reference number 17LS3



Technical data

Article number	Accessories for
17LS3=10	17AD100=10 17AD100=10-T
17LS3=10-T	17AD100=10 17AD100=10-T
17LS3=12-T	17AD100=12-T 17AD100=12
17LS3=14	17AD100=14 17AD100=14-T
17LS3=14-T	17AD100=14 17AD100=14-T
17LS3=16-T	17AD100=16 17AD100=16-T
17LS3=20	17AD100=20 17AD100=20-T
17LS3=20-T	17AD100=20 17AD100=20-T



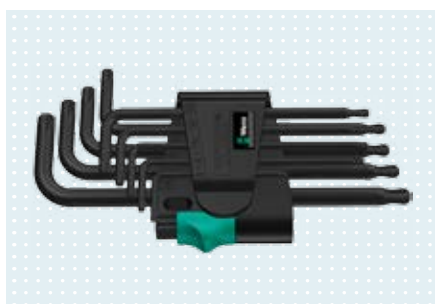
Mounting adapter

Reference number 17AD100A=MA*

For installing and removing all three function modules of the Nexgear Tango ankle joint.

Technical data

Article number	Accessories for
17AD100A=MA-10	17AD100=10 17AD100=10-T
17AD100A=MA-12	17AD100=12-T 17AD100=12
17AD100A=MA-14	17AD100=14 17AD100=14-T
17AD100A=MA-20	17AD100=16 17AD100=16-T 17AD100=20 17AD100=20-T



TORX® key set

Reference number 709S530

9-piece, robust set with TORX® on the short arm and TORX® ball head on the long arm.

Technical data

Article number	Version
709S530	TORX® on the short arm, TORX® ball head on the long arm



Torque wrench

Reference number 710D20

Technical data

Article number	Version	Measurement range	Total wrench length
710D20	1/4" square drive	2,5 - 25 Nm Nm	290 mm

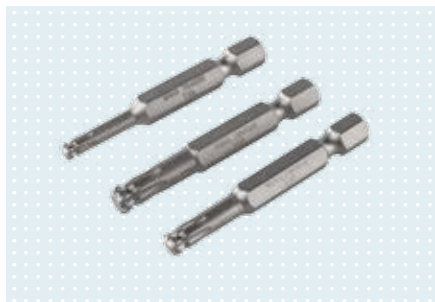


Connecting element

Reference number 710Y19

Technical data

Article number	Version
710Y19	Quick-release chuck for fast bit changes, chrome-vanadium



TORX® bit range

Reference number 710Y25

Technical data

Article number	Version	Material	Shaft length
710Y25	TORX® ball head: - enables screwing at an angle of up to 25° - extended TORX® profile behind the ball head	Chrome vanadium steel	50 mm



Nexgear Tango FIT KIT

Reference number 17AD100A=FIT-KIT

The Nexgear Tango Fit Kit enables the right module and spring to be selected quickly and easily. During the fitting, the O&P professional or therapist can test all three modules and springs on the user and thus find the proper setting and alignment. The Fit Kit contains all three function modules in every size, all Reaction-springs and the necessary tools, such as the mounting adapter, the TORX® bits and the TORX® keys.

Technical data

Article number

17AD100A=FIT-KIT

Multifunction ankle joints – System joints – Order form Nexgear Tango

Company		
Technician		Date
Customer no.		Signature



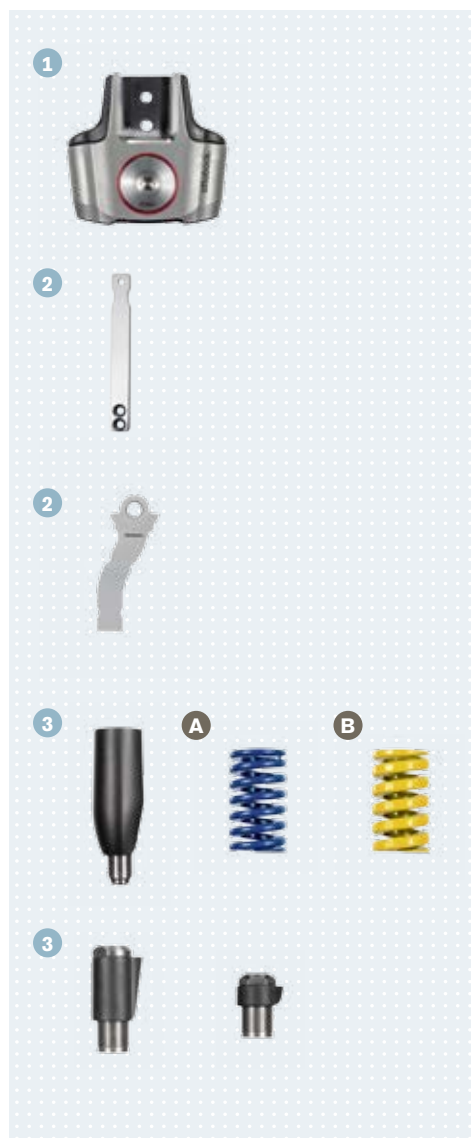
User information

Surname, first name Weight

Age Indication

Side Unilateral Bilateral

The size chosen depends on the patient’s weight and the conditions of use. The 17AD100 Nexgear Tango can be equipped with up to two modules. Please enter the required quantity in the field provided.



1 Base body

<input type="checkbox"/>	pc(s) 17AD100=10	<input type="checkbox"/>	pc(s) 17AD100=10-T
<input type="checkbox"/>	pc(s) 17AD100=12	<input type="checkbox"/>	pc(s) 17AD100=12-T
<input type="checkbox"/>	pc(s) 17AD100=14	<input type="checkbox"/>	pc(s) 17AD100=14-T
<input type="checkbox"/>	pc(s) 17AD100=16	<input type="checkbox"/>	pc(s) 17AD100=16-T
<input type="checkbox"/>	pc(s) 17AD100=20	<input type="checkbox"/>	pc(s) 17AD100=20-T

2 Lamination bar

<input type="checkbox"/>	pc(s) 17LS3=10	<input type="checkbox"/>	pc(s) 17LS3=10-T
<input type="checkbox"/>	pc(s) 17LS3=12	<input type="checkbox"/>	pc(s) 17LS3=12-T
<input type="checkbox"/>	pc(s) 17LS3=14	<input type="checkbox"/>	pc(s) 17LS3=14-T
<input type="checkbox"/>	pc(s) 17LS3=16	<input type="checkbox"/>	pc(s) 17LS3=16-T
<input type="checkbox"/>	pc(s) 17LS3=20	<input type="checkbox"/>	pc(s) 17LS3=20-T

2 Foot stirrup

<input type="checkbox"/>	pc(s) 17SF100=OS-10
<input type="checkbox"/>	pc(s) 17SF100=OS-12
<input type="checkbox"/>	pc(s) 17SF100=OS-14
<input type="checkbox"/>	pc(s) 17SF100=OS-16
<input type="checkbox"/>	pc(s) 17SF100=OS-20

3 Reaction-module

<input type="checkbox"/>	pc(s) 17AD100A=HS-10
<input type="checkbox"/>	pc(s) 17AD100A=HS-12
<input type="checkbox"/>	pc(s) 17AD100A=HS-14
<input type="checkbox"/>	pc(s) 17AD100A=HS-16
<input type="checkbox"/>	pc(s) 17AD100A=HS-20

A Reaction-Spring strong

<input type="checkbox"/>	pc(s) 17AD100A=HS-12-1
<input type="checkbox"/>	pc(s) 17AD100A=HS-14-1
<input type="checkbox"/>	pc(s) 17AD100A=HS-20-1

B Reaction-Spring extra strong

<input type="checkbox"/>	pc(s) 17AD100A=HS-12-2
<input type="checkbox"/>	pc(s) 17AD100A=HS-14-2
<input type="checkbox"/>	pc(s) 17AD100A=HS-20-2

3 Spring-module

<input type="checkbox"/>	pc(s) 17AD100A=LS-10
<input type="checkbox"/>	pc(s) 17AD100A=LS-12
<input type="checkbox"/>	pc(s) 17AD100A=LS-14
<input type="checkbox"/>	pc(s) 17AD100A=LS-16
<input type="checkbox"/>	pc(s) 17AD100A=LS-20

3 Stop-module

<input type="checkbox"/>	pc(s) 17AD100A=AS-10
<input type="checkbox"/>	pc(s) 17AD100A=AS-12
<input type="checkbox"/>	pc(s) 17AD100A=AS-14
<input type="checkbox"/>	pc(s) 17AD100A=AS-16
<input type="checkbox"/>	pc(s) 17AD100A=AS-20



Multifunction system ankle joint

Reference number 17B66

Multifunction system ankle joint with up to nine setting options (spring, fixed stop or spring stop)



Technical data

Article number	System width	Slot width	Material	Quantity unit
17B66=16	16 mm	3 mm	Stainless steel	Pair with screws
17B66=20	20 mm	3 mm	Stainless steel	Pair with screws
17B66=A-16	16 mm	3 mm	Stainless steel	Pair with screws
17B66=A-20	20 mm	3 mm	Stainless steel	Pair with screws

Information material

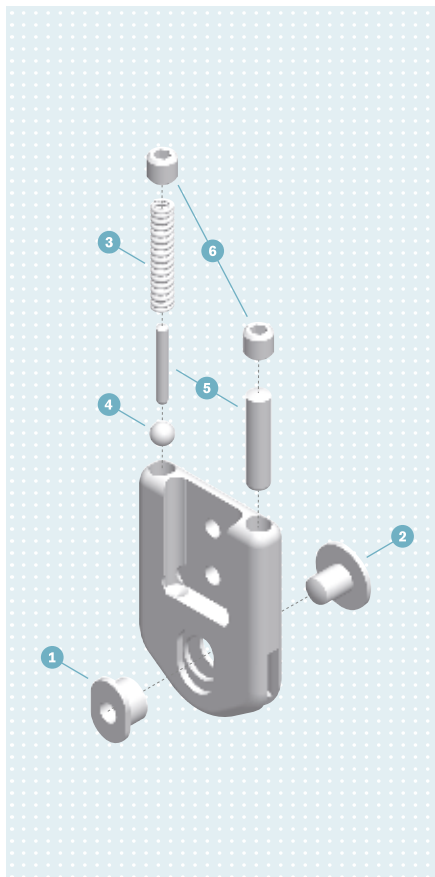
646D1306=EN_INT	Ankle joint selection guide
646F465=ALL_INT	AFO selection guide
646F464=ALL_INT	KAFO selection guide
647G1196=ALL_INT	17B66 instructions for use

- With the 17B66=A-16 and 17B66=A-20 versions, the medial and lateral joint are straight, and the bar connection is lateral.

i Practical recommendation 17B66

- Increased wear of the spring due to fully compressing it.
- The cylinder pin is located inside the spring. Using the cylinder pin can extend the life of the spring.

Spare parts for 17B66



(1) Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	Spare part for	Shank length	Thread	Shoulder Ø	Quantity unit
17Y93=9X6.25XM6	17B66=16 17B66=20 17B66=A-16 17B66=A-20	6.25 mm	M6	9 mm	Piece

(2) Slotted truss head screw

Reference number 501S32

Technical data

Article number	System width	Head Ø	Thread	Overall length	Material	Quantity unit
501S32=M6X14X10	16/ 20 mm	14 mm	M6	10 mm	Stainless steel	Piece

* when using 17Y84

(3) Compression spring

Reference number 513D18

Technical data

Article number	Shoulder Ø	Quantity unit
513D18=4.7X31	4.7 mm	Piece

(4) Bearing ball

Reference number 509Y1

Technical data

Article number	Quantity unit
509Y1=5.0	Piece

(5) Stop Pin (small)

Reference number 506A8

Technical data

Article number	Quantity unit
506A8=2.5X18	Piece
506A8=5X22	Piece

(6) Aqualine Screw

Reference number 506G3

Technical data

Article number	Quantity unit
506G3=M6X6	Piece



Brass bushing

Reference number 17Y17

Brass bushing for joint centre piece

Technical data

Article number	Material	Quantity unit
17Y17=9X11X2.9	Brass	Piece



Service set for 17B66

Reference number 17B66=S

Technical data

Article number	Quantity unit
17B66=S	Set

Scope of delivery

513D18	Compression spring	4 Piece
506A8	Cylinder Pin	4 Piece
506A8	Cylinder Pin	4 Piece
509Y1	Bearing ball	4 Piece
506G3	Set Screw	4 Piece
17Y93	Bearing nut, hardened	2 Piece
501S32	Slotted truss head screw	2 Piece

Accessory for 17B66



System foot stirrup

Reference number 17B113

Free motion up to 25° plantar flexion and 25° dorsal extension, with brass bushing



Technical data

Article number	Material	Quantity unit
17B113	Stainless steel	Piece



System foot stirrup

Reference number 17B114

Free motion up to 25° plantar flexion and 25° dorsal extension, with brass bushing



Technical data

Article number	Material	Quantity unit
17B114	Stainless steel	Piece



System foot stirrup

Reference number 17B115

For 17F35=L/R150 system shoe plate, 25° plantar flexion and 25° dorsal extension, with brass bushing



Technical data

Article number	Material	Quantity unit
17B115	Stainless steel	Piece



System foot stirrup, double-sided shoe stirrup

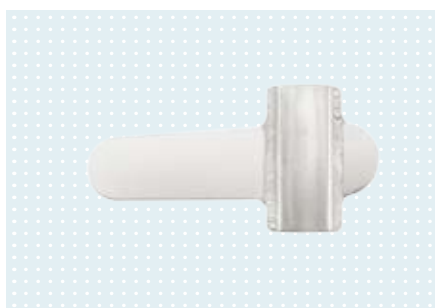
Reference number 17B116

Free motion up to 25° plantar flexion and 25° dorsal extension, with brass bushing



Technical data

Article number	System width	Thickness	Length from joint center	Material	Quantity unit
17B116=180	20 mm	3 mm	180 mm	Stainless steel	Piece
17B116=200	20 mm	3 mm	200 mm	Stainless steel	Piece
17B116=220	20 mm	3 mm	220 mm	Stainless steel	Piece
17B116=240	20 mm	3 mm	240 mm	Stainless steel	Piece
17B116=260	20 mm	3 mm	260 mm	Stainless steel	Piece
17B116=280	20 mm	3 mm	280 mm	Stainless steel	Piece
17B116=300	20 mm	3 mm	300 mm	Stainless steel	Piece



System shoe plate, hardened

Reference number 17F35

with insert piece

Technical data

Article number	Side	Length	Channel width	Material	Quantity unit
17F35=L120	left (L)	120 mm	19 mm	Stainless steel	Piece
17F35=L150	left (L)	150 mm	22 mm	Stainless steel	Piece
17F35=R120	right (R)	120 mm	19 mm	Stainless steel	Piece
17F35=R150	right (R)	150 mm	22 mm	Stainless steel	Piece



System lamination bar

Reference number 17Y128

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	System width	Length	Thickness	Material	Quantity unit
17Y128=16X80	16 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=20X80	20 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=16X100	16 mm	100 mm	4 mm	Stainless steel	Piece
17Y128=20X100	20 mm	100 mm	4 mm	Stainless steel	Piece



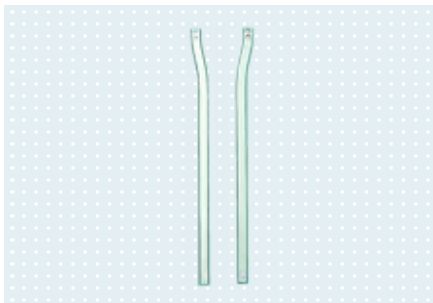
System lamination bar with contoured calf

Reference number 17Y129

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17Y129=L16	left (L)	16 mm	100 mm	4 mm	Piece
17Y129=R16	right (R)	16 mm	100 mm	4 mm	Piece
17Y129=L20	left (L)	20 mm	100 mm	4 mm	Piece
17Y129=R20	right (R)	20 mm	100 mm	4 mm	Piece

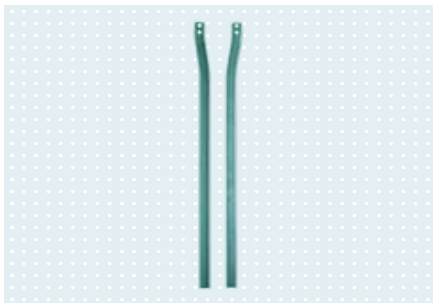


Lower leg side bar

Reference number 17B5

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17B5=L16	left (L)	16 mm	450 mm	4 mm	Piece
17B5=R16	right (R)	16 mm	450 mm	4 mm	Piece
17B5=L16-T	left (L)	16 mm	450 mm	4 mm	Piece
17B5=R16-T	right (R)	16 mm	450 mm	4 mm	Piece
17B5=L20	left (L)	20 mm	450 mm	4 mm	Piece
17B5=R20	right (R)	20 mm	450 mm	4 mm	Piece
17B5=L20-T	left (L)	20 mm	450 mm	4 mm	Piece
17B5=R20-T	right (R)	20 mm	450 mm	4 mm	Piece



Lower leg side bar

Reference number 17B7

Lower leg side bar for the 17B39 system side bar set

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17B7=L16	left (L)	16 mm	450 mm	5 mm	Piece
17B7=R16	right (R)	16 mm	450 mm	5 mm	Piece
17B7=L20	left (L)	20 mm	450 mm	5 mm	Piece
17B7=R20	right (R)	20 mm	450 mm	5 mm	Piece



Lower leg side bar

Reference number 17B87

Lower leg side bar for the 17B84 system side bar set

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17B87=L16	left (L)	16 mm	450 mm	4 mm	Piece
17B87=R16	right (R)	16 mm	450 mm	4 mm	Piece
17B87=L20	left (L)	20 mm	450 mm	4 mm	Piece
17B87=R20	right (R)	20 mm	450 mm	4 mm	Piece



Lower leg side bar

Reference number 17B89

Lower leg side bar for 17B85

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17B89=L16	left (L)	16 mm	450 mm	5 mm	Piece
17B89=R16	right (R)	16 mm	450 mm	5 mm	Piece
17B89=L20	left (L)	20 mm	450 mm	5 mm	Piece
17B89=R20	right (R)	20 mm	450 mm	5 mm	Piece



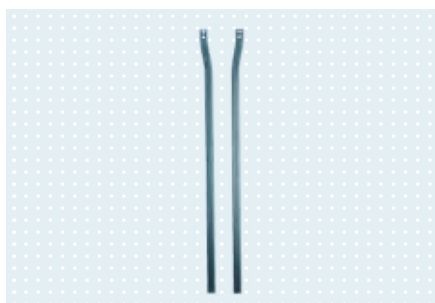
Lower leg side bar

Reference number 17B102

Lower leg side bar made of stainless steel

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17B102=L16	left (L)	16 mm	560 mm	4 mm	Piece
17B102=R16	right (R)	16 mm	560 mm	4 mm	Piece
17B102=L20	left (L)	20 mm	560 mm	4 mm	Piece
17B102=R20	right (R)	20 mm	560 mm	4 mm	Piece



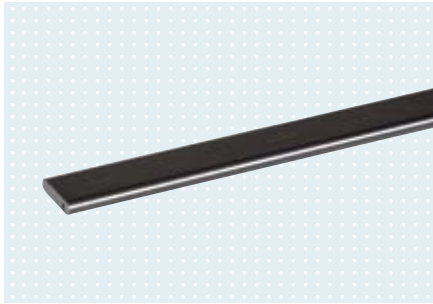
Lower leg side bar

Reference number 17B104

Lower leg side bar from the 17B41 side bar set

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17B104=L16	left (L)	16 mm	560 mm	5 mm	Piece
17B104=R16	right (R)	16 mm	560 mm	5 mm	Piece
17B104=L20	left (L)	20 mm	560 mm	5 mm	Piece
17B104=R20	right (R)	20 mm	560 mm	5 mm	Piece



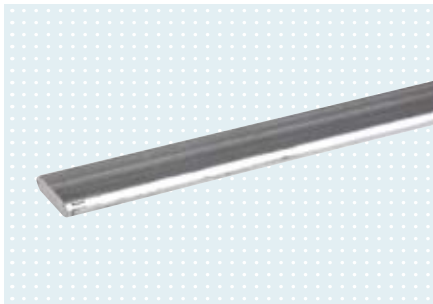
Stainless steel profile rod

Reference number 651P4

Suitable for fabricating system bars, with rounded edges, strength of approx. 800–950 N/mm², spot weldable

Technical data

Article number	Length	Width	Thickness
651P4=16	2,000 mm	16 mm	4 mm
651P4=20	2,000 mm	20 mm	4 mm



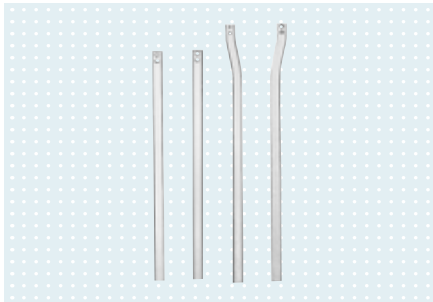
Light metal profile bar

Reference number 605P8

Suitable for fabricating system splints, with rounded edges, strength approx. 400 N/mm²

Technical data

Article number	Length	Width	Thickness
605P8=16	2,000 mm	16 mm	5 mm
605P8=20	2,000 mm	20 mm	5 mm



System side bar set

Reference number 17B38

Flat, consisting of two 17B4 and 17B4=T upper side bars and one 17B5 and 17B5=T lower side bar each for the left and right sides, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B38=16	16 mm	4 mm	Set
17B38=16-T	16 mm	4 mm	Set
17B38=20	20 mm	4 mm	Set
17B38=20-T	20 mm	4 mm	Set



System side bar set

Reference number 17B39

Consisting of two upper side bars and one left and one right lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B39=16	16 mm	5 mm	Set
17B39=20	20 mm	5 mm	Set



System side bar set

Reference number 17B85

Concave, consisting of two 17B88 upper side bars and one left and one right 17B89 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B85=16	16 mm	5 mm	Set
17B85=20	20 mm	5 mm	Set



System side bar set

Reference number 17B40

Overlength, flat, consisting of two 17B4 upper side bars and one left and one right 17B102 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B40=16	16 mm	4 mm	Set
17B40=20	20 mm	4 mm	Set



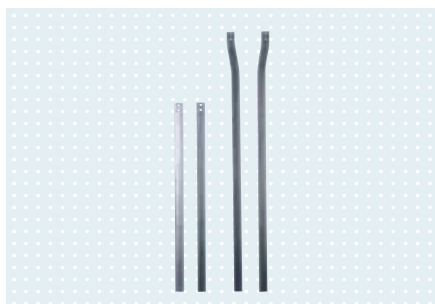
System side bar set

Reference number 17B84

Concave, consisting of two 17B86 upper side bars and one left and one right 17B87 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B84=16	16 mm	4 mm	Set
17B84=20	20 mm	4 mm	Set



System side bar set, extra long

Reference number 17B41

Consisting of two 17B6 upper side bars and one left and one right 17B104 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B41=16	16 mm	5 mm	Set
17B41=20	20 mm	5 mm	Set



System ankle joint for children

Reference number 17F53

Multifunction system ankle joint

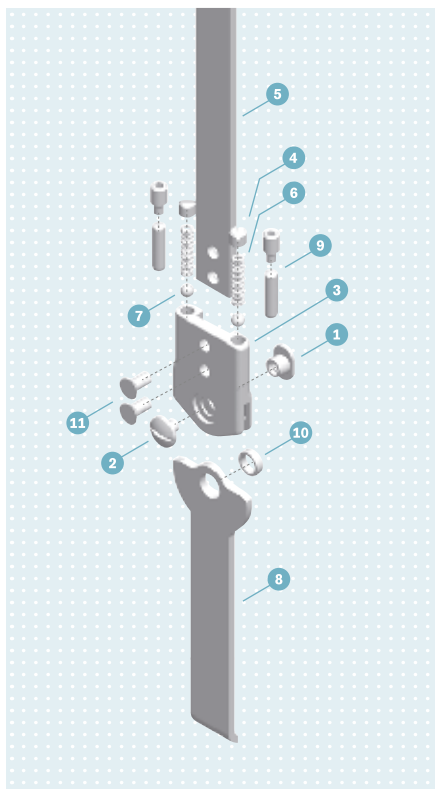
Ankle joints and foot stirrups are stainless steel, side bars are aluminium



Technical data

Article number	Bar size	Joint height	Joint depth	Joint width	Material	Quantity unit
17F53=5	230/14/3	38 mm	6.5 mm	28 mm	Stainless steel	Pair
17F53=6	230/12/3	38 mm	6.5 mm	24 mm	Stainless steel	Pair

Spare parts for 17F53



(1) Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	Spare part for	Insertion length	Profile length	Shank length	Thread	Shoulder Ø	Quantity unit
17Y93=6X5.2XM4	17F53=5 17F53=6	3.95 mm	12 mm	5.2 mm	M4	6 mm	Piece

(2) Slotted truss head screw

Reference number 501S32

Technical data

Article number	Head Ø	Length	Thread	Material	Quantity unit
501S32=M4X10X7.5	10 mm	7.5 mm	M4	Stainless steel	Piece

(3) Ankle joint

Reference number 30U89

Technical data

Article number	Spare part for
30U89=5	17F53=5
30U89=6	17F53=6

(4) Set screw with slot

Reference number 501G2

Technical data

Article number	Material	Quantity unit
501G2=M5X5	Stainless steel	Piece

(5) Side bar

Reference number 17F52

Technical data

Article number	Spare part for	Length	Width	Thickness	Material	Quantity unit
17F52=12X3X220	17F53=6	220 mm	12 mm	3 mm	Aluminium	Piece
17F52=14X3X220	17F53=5	220 mm	14 mm	3 mm	Aluminium	Piece

(6) Compression spring

Reference number 513D19

Technical data

Article number	Quantity unit
513D19=3.8X20	Piece

(7) Bearing ball

Reference number 509Y1

Technical data

Article number	Spare part for	Quantity unit
509Y1=4.0	17F53=5 17F53=6	Piece

(8) Foot stirrup

Reference number 17F54

Technical data

Article number	Spare part for	Length	Material	Quantity unit
17F54=100X2.5	17F53=5 17F53=6	100 mm	Stainless steel	Piece
17F54=125X2.5	17F53=5 17F53=6	125 mm	Stainless steel	Piece

(9) Stop set

Reference number 17Y155

Technical data

Reference number	Quantity unit
17Y155	Set

(10) Brass bushing

Reference number 17Y17

Technical data

Article number	Material	Quantity unit
17Y17=6X8X2.4	Brass	Piece

(11) Countersunk rivet

Reference number 504S6

Technical data

Article number	Material	Quantity unit
504S6=4X8	Stainless steel	Piece

Accessory for 17F53

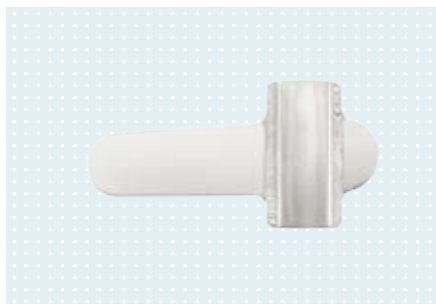


Foot stirrup

Reference number 17F54

Technical data

Article number	Spare part for	Length	Material	Quantity unit
17F54=100X2.5	17F53=5 17F53=6	100 mm	Stainless steel	Piece
17F54=125X2.5	17F53=5 17F53=6	125 mm	Stainless steel	Piece

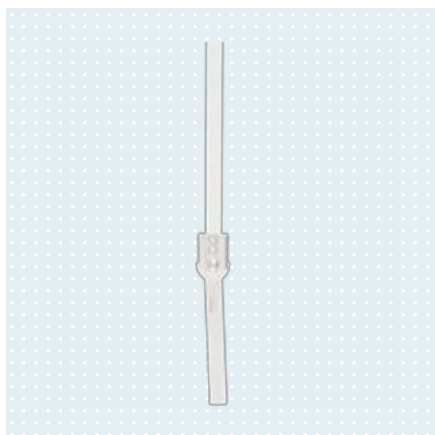


System shoe plate, hardened

Reference number 17F35

Technical data

Article number	Side	Length	Channel width	Material	Quantity unit
17F35=L90	left (L)	90 mm	14 mm	Stainless steel	Piece
17F35=R90	right (R)	90 mm	14 mm	Stainless steel	Piece
17F35=L105	left (L)	105 mm	16 mm	Stainless steel	Piece
17F35=R105	right (R)	105 mm	16 mm	Stainless steel	Piece



System orthotic ankle joint for children

Reference number 17F65

Multifunction system ankle joint

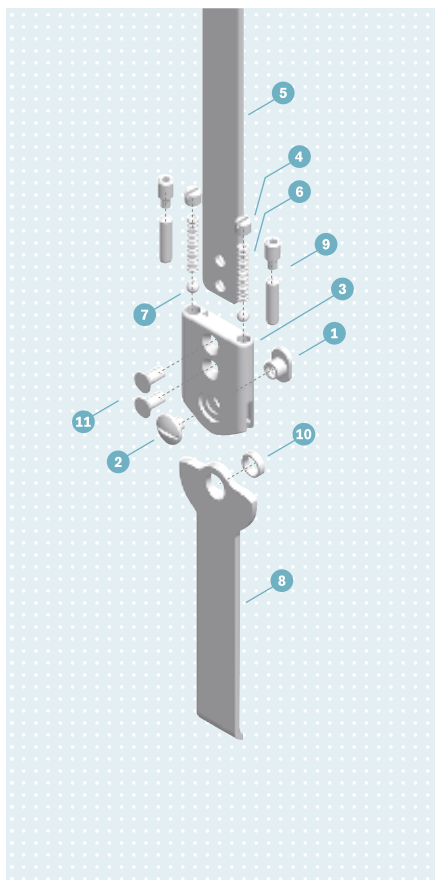
Ankle joints are titanium, foot stirrups are stainless steel



Technical data

Article number	Bar size	Joint height	Joint depth	Joint width	Material	Quantity unit
17F65=6	150/12/3	38 mm	6.5 mm	24 mm	Titanium	Piece
17F65=5	200/15/3	38 mm	6.5 mm	28 mm	Titanium	Piece

Spare parts for 17F65



(1) Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	Spare part for	Insertion length	Profile length	Shank length	Thread	Shoulder Ø	Quantity unit
17Y93=6X5.2XM4	17F65=5 17F65=6	3.95 mm	12 mm	5.2 mm	M4	6 mm	Piece

(2) Slotted truss head screw

Reference number 501S32

Technical data

Article number	Head Ø	Length	Thread	Material	Quantity unit
501S32=M4X10X7.5	10 mm	7.5 mm	M4	Stainless steel	Piece

(3) Ankle joint

Reference number 30U116

Technical data

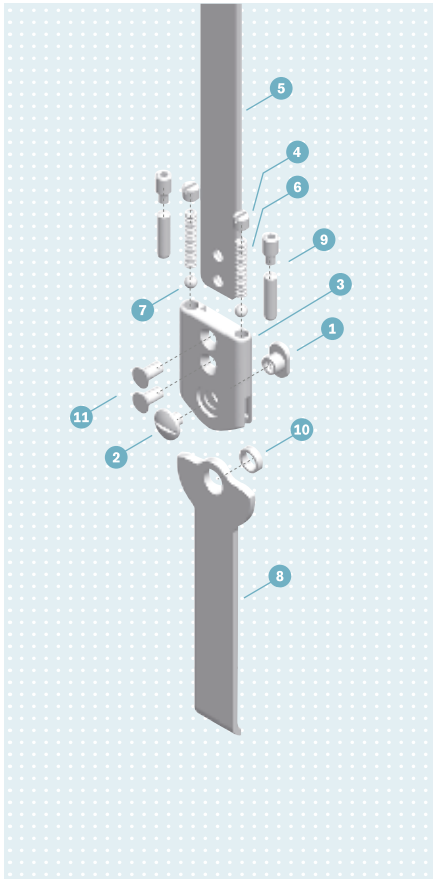
Article number	Connection width	Head Ø	Slot width	Material	Quantity unit
30U116=6	12 mm	16 mm	2.5 mm	Titanium	Piece
30U116=5	15 mm	19 mm	2.5 mm	Titanium	Piece

(4) Set screw with slot

Reference number 501G2

Technical data

Article number	Material	Quantity unit
501G2=M5X5	Stainless steel	Piece



(5) Side bar

Reference number 30E109

Technical data

Article number	Length	Material	Quantity unit
30E109=5	200 mm	Titanium	Piece
30E109=6	150 mm	Titanium	Piece

(6) Compression spring

Reference number 513D19

Technical data

Article number	Quantity unit
513D19=3.8X20	Piece

(7) Bearing ball

Reference number 509Y1

Technical data

Article number	Spare part for	Quantity unit
509Y1=4.0	17F65=5 17F65=6	Piece

(8) Foot stirrup

Reference number 17F54

Technical data

Article number	Spare part for	Length	Material	Quantity unit
17F54=100X2.5	17F65=5 17F65=6	100 mm	Stainless steel	Piece
17F54=125X2.5	17F65=5 17F65=6	125 mm	Stainless steel	Piece

(9) Stop set

Reference number 17Y155

Technical data

Reference number	Quantity unit
17Y155	Set

(10) Brass bushing

Reference number 17Y17

Technical data

Article number	Material	Quantity unit
17Y17=6X8X2.4	Brass	Piece

(11) Countersunk rivet

Reference number 504S6

Technical data

Article number	Material	Quantity unit
504S6=4X8	Stainless steel	Piece

Accessory for 17F65



Foot stirrup

Reference number 17F54

Technical data

Article number	Spare part for	Length	Material	Quantity unit
17F54=100X2.5	17F65=5 17F65=6	100 mm	Stainless steel	Piece
17F54=125X2.5	17F65=5 17F65=6	125 mm	Stainless steel	Piece



System shoe plate, hardened

Reference number 17F35

with insert piece

Technical data

Article number	Side	Length	Channel width	Material	Quantity unit
17F35=L90	left (L)	90 mm	14 mm	Stainless steel	Piece
17F35=L105	left (L)	105 mm	16 mm	Stainless steel	Piece
17F35=R90	right (R)	90 mm	14 mm	Stainless steel	Piece
17F35=R105	right (R)	105 mm	16 mm	Stainless steel	Piece



CarbonIQ orthotic ankle joint

Reference number 17PA1

The 17PA1 ankle joint is a double-action joint based on Ottobock's 17B66 ankle joint. This type of joint offers the most versatile fitting by far. The different possibilities for settings and combinations allow the functions of this type of joint to be adapted to the user's requirements at any time, even if these change over the course of the fitting. Different versions to influence plantar flexion and dorsal extension are available.



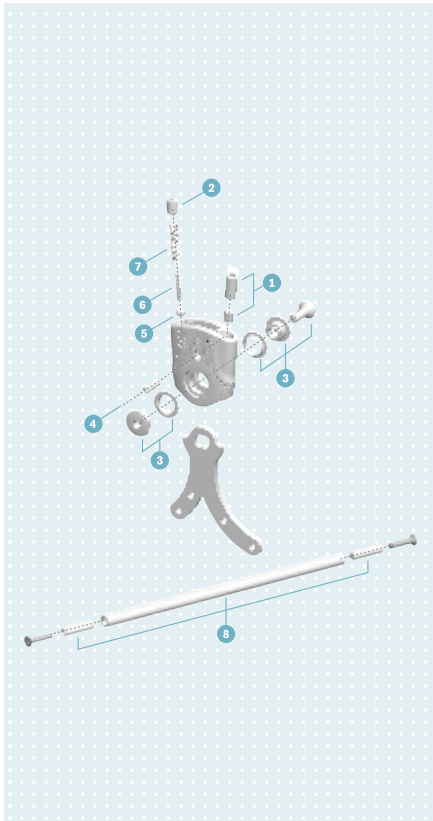
Information material

646D578=EN_INT	17PK1/17PA1 information for practitioners
646D1306=EN_INT	Ankle joint selection guide
646F465=ALL_INT	AFO selection guide
646T5=4.6EN	TI fabrication of a knee-ankle-foot orthosis using thermoplastic technology with CarbonIQ joint system
647G641=ALL_INT	17PA1 instructions for use

Technical data

Article number	Side	Max. body weight	Material	Quantity unit
17PA1=14	left, right	45 kg	Plastic reinforced with carbon fibre	Pair
17PA1=20	left, right	100 kg	Plastic reinforced with carbon fibre	Pair

Spare parts for 17PA1=14



(1) Set of Stops

Reference number 30G79

Technical data

Article number	Scope of delivery	Quantity unit
30G79	1x set screw 1x cylinder Pin	Set

(2) Set screw with end bore

Reference number 30Y289

Technical data

Article number	Quantity unit
30Y289	Piece

(3) Service set

Reference number 29PA1

Technical data

Article number	Scope of delivery	Quantity unit
29PA1=14	1x 501S84=M6X14 1x 30Y215 1x 509G10=12X13X3 1x 30Y214	Set

(4) Set screw

Reference number 506G21

Technical data

Article number	Quantity unit
506G21=M4X12	Piece

(5) Bearing ball

Reference number 509Y1

Technical data

Article number	Quantity unit
509Y1=5.0	Piece

(6) Cylinder Pin

Reference number 506A8

Technical data

Article number	Quantity unit
506A8=2X16	Piece

(7) Compression spring

Reference number 513D87

Technical data

Article number	Quantity unit
513D87=0.75X2.95X2	Piece

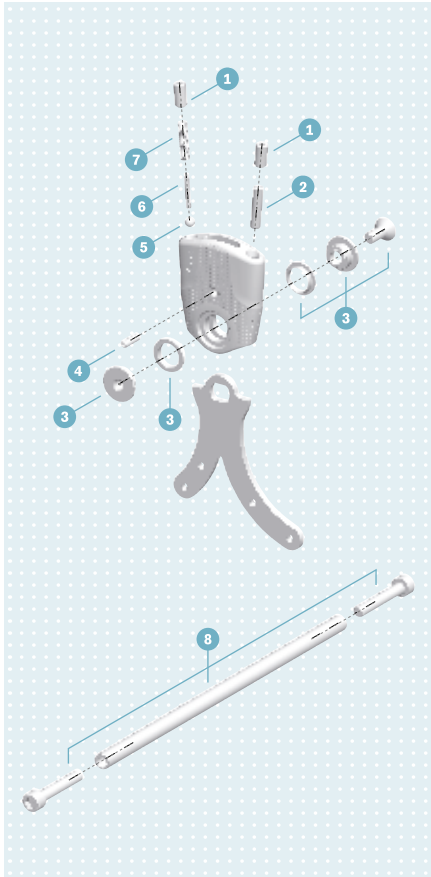
(8) Adjustment aid

Reference number 29PK4

Technical data

Article number	Scope of delivery	Quantity unit
29PK4=14	1x flat head screw 1x paralleling tool 1x parallel retainer adapter	Set

Spare parts for 17PA1=20



(1) Gewindestift

Reference number 506G36

Technical data

Article number	Quantity unit
506G36=M6X14	Piece

(2) Stop Pin (small)

Reference number 506A8

Technical data

Article number	Quantity unit
506A8=5X20	Piece

(3) Service set

Reference number 29PA1

Technical data

Article number	Scope of delivery	Quantity unit
29PA1	1x 501S84=M6X14 1x 30Y215 1x 509G10=12X13X3 1x 30Y214	Set

(4) Set screw

Reference number 506G3

Technical data

Article number	Quantity unit
506G3=M4X12	Piece

(5) Steel Ball

Reference number 509Y1

Technical data

Article number	Quantity unit
509Y1=5.0	Piece

(6) Stop Pin (small)

Reference number 506A8

Technical data

Article number	Quantity unit
506A8=2.5X18	Piece

(7) Compression spring

Reference number 513D18

Technical data

Article number	Quantity unit
513D18=4.7X31-1	Piece

(8) Adjustment aid

Reference number 29PK4

Technical data

Article number	Scope of delivery	Quantity unit
29PK4	1x cap screw 1x paralleling tool	Set

Accessory for 17PA1



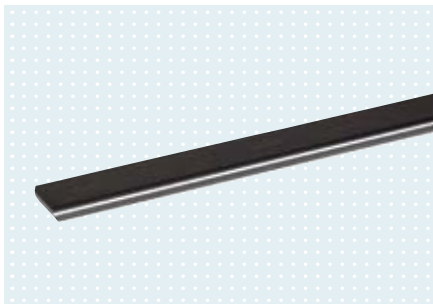
Foot stirrup

Reference number 17PF1

Foot stirrup for 17PA1 and 17PA1=*-WR

Technical data

Article number	Accessories for	Material	Quantity unit
17PF1=14	17PA1=14 17PA1=14-WR	Stainless steel	Piece
17PF1	17PA1=20 17PA1=20-WR	Stainless steel	Piece



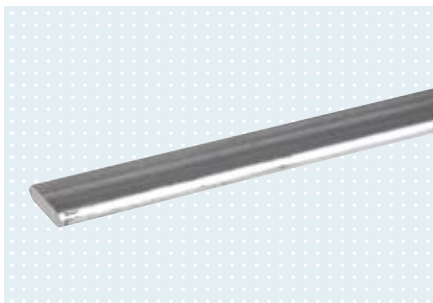
Stainless steel profile rod

Reference number 651P4

Suitable for fabricating system bars, with rounded edges, strength of approx. 800–950 N/mm², spot weldable

Technical data

Article number	Length	Width	Thickness
651P4=16	2,000 mm	16 mm	4 mm
651P4=20	2,000 mm	20 mm	4 mm



Light metal profile bar

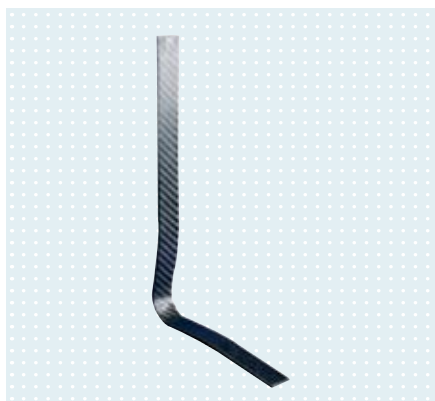
Reference number 605P8

Suitable for fabricating system splints, with rounded edges, strength approx. 400 N/mm²

Technical data

Article number	Length	Width	Thickness
605P8=14	1000 mm	14 mm	5 mm
605P8=20	2,000 mm	20 mm	5 mm

636W28 special adhesive cartridge A and B are additional accessories for 17PA1. Please refer to the 646K1 materials catalogue for further information on these products.



Carbon Ankle seven

Reference number 17CF1

Carbon Ankle seven carbon springs make it possible to construct especially lightweight ankle-foot orthoses which are also able to withstand high dynamic loads.

Features and benefits

- Positive influence on the gait pattern
- Very lightweight design
- Classification makes it easy to select the right product
- Suitable for thermoplastic and laminated orthoses

Indications

- Paralysis or weakness of the foot lifting and lowering musculature and/or the knee extensors. Examples of typical underlying diseases include
 - Spina bifida
 - Poliomyelitis

Modes of action

The carbon springs are designed to initiate extension moments of the hip and knee during walking and thus achieve extension and knee stability in the lower limbs. The energy generated during heel strike is stored in the carbon matrix and returned at toe-off. In contrast to conventional ankle joint orthoses, the limits in the plantar and dorsal direction are dynamic and are not subject to static restriction.

Selecting and ordering

- The Carbon Ankle seven is selected on the basis of the user's body weight and activity level.

Normal activity level

- A normally active user participates in all everyday activities independently and also performs relatively easy tasks.

High activity level

- A highly active user is unrestricted in everyday life. The orthosis has to support quick changes in walking and running speeds, e.g. for people who do sports or for children.



Information material

646D232=EN_INT	17CF1 information for practitioners
646D1306=EN_INT	Ankle joint selection guide
646F465=ALL_INT	AFO selection guide
646F464=ALL_INT	KAFO selection guide
647G346=ALL_INT	17CF1 instructions for use

Scope of delivery

17CF1	Carbon Ankle seven
-------	--------------------

Technical data

Article number	Side	Max. body weight (normal activity)	Max. body weight (high activity)	Spring width	Quantity unit
17CF1=L1	left (L)	100 kg	100 kg	30 mm	Piece
17CF1=R1	right (R)	100 kg	100 kg	30 mm	Piece
17CF1=L2	left (L)	90 kg	80 kg	30 mm	Piece
17CF1=R2	right (R)	90 kg	80 kg	30 mm	Piece
17CF1=L3	left (L)	80 kg	70 kg	30 mm	Piece
17CF1=R3	right (R)	80 kg	70 kg	30 mm	Piece
17CF1=L4	left (L)	70 kg	60 kg	30 mm	Piece
17CF1=R4	right (R)	70 kg	60 kg	30 mm	Piece
17CF1=L5	left (L)	60 kg	50 kg	30 mm	Piece
17CF1=R5	right (R)	60 kg	50 kg	30 mm	Piece
17CF1=L6	left (L)	50 kg		25/30 mm	Piece
17CF1=R6	right (R)	50 kg		25/30 mm	Piece
17CF1=L7	left (L)		40 kg	25 mm	Piece
17CF1=R7	right (R)		40 kg	25 mm	Piece
17CF1=L8	left (L)	40 kg	30 kg	25 mm	Piece
17CF1=R8	right (R)	40 kg	30 kg	25 mm	Piece
17CF1=L9	left (L)	30 kg		25 mm	Piece
17CF1=R9	right (R)	30 kg		25 mm	Piece
17CF1=L10	left (L)		20 kg	25 mm	Piece
17CF1=R10	right (R)		20 kg	25 mm	Piece
17CF1=L11	left (L)	20 kg	10 kg	22 mm	Piece
17CF1=R11	right (R)	20 kg	10 kg	22 mm	Piece
17CF1=L12	left (L)	10 kg		22 mm	Piece
17CF1=R12	right (R)	10 kg		22 mm	Piece

- The scope of delivery includes detailed mounting instructions as well as the mounting materials needed for integration into an orthosis.
- The classification applies to AFOs that are intended to influence the knee joint.
- The use of the Carbon Ankle Seven carbon spring for KAFOs may require a deviation from the classification.
- The specified weights are important for functionality, not durability.

Components of 17CF1



Welding nut

Reference number 502E3

Technical data

Article number	Quantity unit
502E3=M5X7.5	Piece
502E3=M4X6	Piece

2



Phillips oval countersunk head screw

Reference number 501S86

Technical data

Article number	Quantity unit
501S86=M5X14	Piece
501S86=M4X12	Piece



Rosette washer

Reference number 507U9

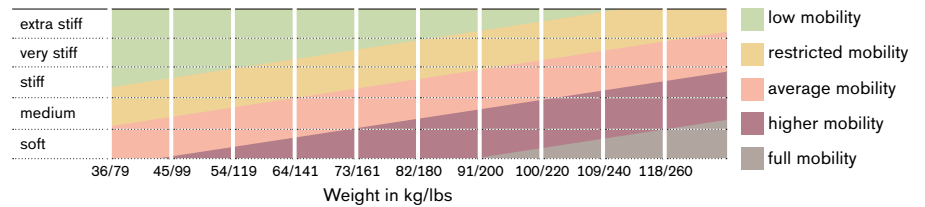
Technical data

Article number	Quantity unit
507U9=M5	Piece
507U9=M4	Piece

Flat CFP- 31cm Soft

Available in different versions to suit various indications, as platform/basis for foot orthoses or in case of partial foot amputations

- Replaces steel spring insert for illnesses that require restricted mobility of the foot
- Improved gait efficiency and comfort through control of excessive mobility or flexion limitation
- Redistribution of pressure to less sensitive areas for diabetes patients
- The carbon fibre foot plates are not thermoformable.



Carbon fibre foot plate

Reference number SL=F

Technical data

Article number	Size	Stiffness (SL)	Version
SL=F16S	16 cm	Soft	Flat
SL=F16M	16 cm	Medium	Flat
SL=F16F	16 cm	Stiff	Flat
SL=F16XF	16 cm	Very stiff	Flat
SL=F16XXF	16 cm	Extra stiff	Flat
SL=F19S	19 cm	Soft	Flat
SL=F19M	19 cm	Medium	Flat
SL=F19F	19 cm	Stiff	Flat
SL=F19XF	19 cm	Very stiff	Flat
SL=F19XXF	19 cm	Extra stiff	Flat
SL=F22S	22 cm	Soft	Flat
SL=F22M	22 cm	Medium	Flat
SL=F22F	22 cm	Stiff	Flat
SL=F22XF	22 cm	Very stiff	Flat
SL=F22XXF	22 cm	Extra stiff	Flat
SL=F25S	25 cm	Soft	Flat
SL=F25M	25 cm	Medium	Flat
SL=F25F	25 cm	Stiff	Flat
SL=F25XF	25 cm	Very stiff	Flat
SL=F25XXF	25 cm	Extra stiff	Flat
SL=F28S	28 cm	Soft	Flat
SL=F28M	28 cm	Medium	Flat
SL=F28F	28 cm	Stiff	Flat
SL=F28XF	28 cm	Very stiff	Flat
SL=F28XXF	28 cm	Extra stiff	Flat
SL=F31S	31 cm	Soft	Flat
SL=F31M	31 cm	Medium	Flat
SL=F31F	31 cm	Stiff	Flat
SL=F31XF	31 cm	Very stiff	Flat
SL=F31XXF	31 cm	Extra stiff	Flat



Carbon fibre foot plate

Reference number SL=AL

Technical data

Article number	Size	Stiffness (SL)	Version
SL=AL16S	16 cm	Soft	arched on the left
SL=AL16M	16 cm	Medium	arched on the left
SL=AL16F	16 cm	Stiff	arched on the left
SL=AL16XF	16 cm	Very stiff	arched on the left
SL=AL16XXF	16 cm	Extra stiff	arched on the left
SL=AL19S	19 cm	Soft	arched on the left
SL=AL19M	19 cm	Medium	arched on the left
SL=AL19F	19 cm	Stiff	arched on the left
SL=AL19XF	19 cm	Very stiff	arched on the left
SL=AL19XXF	19 cm	Extra stiff	arched on the left
SL=AL22S	22 cm	Soft	arched on the left
SL=AL22M	22 cm	Medium	arched on the left
SL=AL22F	22 cm	Stiff	arched on the left
SL=AL22XF	22 cm	Very stiff	arched on the left
SL=AL22XXF	22 cm	Extra stiff	arched on the left
SL=AL25S	25 cm	Soft	arched on the left
SL=AL25M	25 cm	Medium	arched on the left
SL=AL25F	25 cm	Stiff	arched on the left
SL=AL25XF	25 cm	Very stiff	arched on the left
SL=AL25XXF	25 cm	Extra stiff	arched on the left
SL=AL28S	28 cm	Soft	arched on the left
SL=AL28M	28 cm	Medium	arched on the left
SL=AL28F	28 cm	Stiff	arched on the left
SL=AL28XF	28 cm	Very stiff	arched on the left
SL=AL28XXF	28 cm	Extra stiff	arched on the left
SL=AL31S	31 cm	Soft	arched on the left
SL=AL31M	31 cm	Medium	arched on the left
SL=AL31F	31 cm	Stiff	arched on the left
SL=AL31XF	31 cm	Very stiff	arched on the left
SL=AL31XXF	31 cm	Extra stiff	arched on the left



Carbon fibre foot plate

Reference number SL=AR

Technical data

Article number	Size	Stiffness (SL)	Version
SL=AR16S	16 cm	Soft	arched on the right
SL=AR16M	16 cm	Medium	arched on the right
SL=AR16F	16 cm	Stiff	arched on the right
SL=AR16XF	16 cm	Very stiff	arched on the right
SL=AR16XXF	16 cm	Extra stiff	arched on the right
SL=AR19S	19 cm	Soft	arched on the right
SL=AR19M	19 cm	Medium	arched on the right
SL=AR19F	19 cm	Stiff	arched on the right
SL=AR19XF	19 cm	Very stiff	arched on the right
SL=AR19XXF	19 cm	Extra stiff	arched on the right
SL=AR22S	22 cm	Soft	arched on the right
SL=AR22M	22 cm	Medium	arched on the right
SL=AR22F	22 cm	Stiff	arched on the right
SL=AR22XF	22 cm	Very stiff	arched on the right
SL=AR22XXF	22 cm	Extra stiff	arched on the right
SL=AR25S	25 cm	Soft	arched on the right
SL=AR25M	25 cm	Medium	arched on the right
SL=AR25F	25 cm	Stiff	arched on the right
SL=AR25XF	25 cm	Very stiff	arched on the right
SL=AR25XXF	25 cm	Extra stiff	arched on the right
SL=AR28S	28 cm	Soft	arched on the right
SL=AR28M	28 cm	Medium	arched on the right
SL=AR28M	28 cm	Medium	arched on the right
SL=AR28F	28 cm	Stiff	arched on the right
SL=AR28XF	28 cm	Very stiff	arched on the right
SL=AR28XXF	28 cm	Extra stiff	arched on the right
SL=AR31S	31 cm	Soft	arched on the right
SL=AR31M	31 cm	Medium	arched on the right
SL=AR31XF	31 cm	Very stiff	arched on the right
SL=AR31XXF	31 cm	Extra stiff	arched on the right



Carbon fibre foot plate

Reference number SL=HAL

Technical data

Article number	Size	Stiffness (SL)	Version
SL=HAL16S	16 cm	Soft	13 mm heel, arched on the left
SL=HAL16M	16 cm	Medium	13 mm heel, arched on the left
SL=HAL16F	16 cm	Stiff	13 mm heel, arched on the left
SL=HAL16XF	16 cm	Very stiff	13 mm heel, arched on the left
SL=HAL16XXF	16 cm	Extra stiff	13 mm heel, arched on the left
SL=HAL19S	19 cm	Soft	13 mm heel, arched on the left
SL=HAL19M	19 cm	Medium	13 mm heel, arched on the left
SL=HAL19F	19 cm	Stiff	13 mm heel, arched on the left
SL=HAL19XF	19 cm	Very stiff	13 mm heel, arched on the left
SL=HAL19XXF	19 cm	Extra stiff	13 mm heel, arched on the left
SL=HAL22S	22 cm	Soft	13 mm heel, arched on the left
SL=HAL22M	22 cm	Medium	13 mm heel, arched on the left
SL=HAL22F	22 cm	Stiff	13 mm heel, arched on the left
SL=HAL22XF	22 cm	Very stiff	13 mm heel, arched on the left
SL=HAL22XXF	22 cm	Extra stiff	13 mm heel, arched on the left
SL=HAL25S	25 cm	Soft	13 mm heel, arched on the left
SL=HAL25M	25 cm	Medium	13 mm heel, arched on the left
SL=HAL25F	25 cm	Stiff	13 mm heel, arched on the left
SL=HAL25XF	25 cm	Very stiff	13 mm heel, arched on the left
SL=HAL25XXF	25 cm	Extra stiff	13 mm heel, arched on the left
SL=HAL28S	28 cm	Soft	13 mm heel, arched on the left
SL=HAL28M	28 cm	Medium	13 mm heel, arched on the left
SL=HAL28F	28 cm	Stiff	13 mm heel, arched on the left
SL=HAL28XF	28 cm	Very stiff	13 mm heel, arched on the left
SL=HAL28XXF	28 cm	Extra stiff	13 mm heel, arched on the left
SL=HAL31S	31 cm	Soft	13 mm heel, arched on the left
SL=HAL31M	31 cm	Medium	13 mm heel, arched on the left
SL=HAL31F	31 cm	Stiff	13 mm heel, arched on the left
SL=HAL31XF	31 cm	Very stiff	13 mm heel, arched on the left
SL=HAR31XXF	31 cm	Extra stiff	13 mm heel, arched on the left
SL=HAL31XXF	31 cm	Extra stiff	13 mm heel, arched on the left



Carbon fibre foot plate

Reference number SL=HAR

Technical data

Article number	Size	Stiffness (SL)	Version
SL=HAR16S	16 cm	Soft	13 mm heel, arched on the right
SL=HAR16M	16 cm	Medium	13 mm heel, arched on the right
SL=HAR16F	16 cm	Stiff	13 mm heel, arched on the right
SL=HAR16XF	16 cm	Very stiff	13 mm heel, arched on the right
SL=HAR16XXF	16 cm	Extra stiff	13 mm heel, arched on the right
SL=HAR19S	19 cm	Soft	13 mm heel, arched on the right
SL=HAR19M	19 cm	Medium	13 mm heel, arched on the right
SL=HAR19F	19 cm	Stiff	13 mm heel, arched on the right
SL=HAR19XF	19 cm	Very stiff	13 mm heel, arched on the right
SL=HAR19XXF	19 cm	Extra stiff	13 mm heel, arched on the right
SL=HAR22S	22 cm	Soft	13 mm heel, arched on the right
SL=HAR22M	22 cm	Medium	13 mm heel, arched on the right
SL=HAR22F	22 cm	Stiff	13 mm heel, arched on the right
SL=HAR22XF	22 cm	Very stiff	13 mm heel, arched on the right
SL=HAR22XXF	22 cm	Extra stiff	13 mm heel, arched on the right
SL=HAR25S	25 cm	Soft	13 mm heel, arched on the right
SL=HAR25M	25 cm	Medium	13 mm heel, arched on the right
SL=HAR25F	25 cm	Stiff	13 mm heel, arched on the right
SL=HAR25XF	25 cm	Very stiff	13 mm heel, arched on the right
SL=HAR25XXF	25 cm	Extra stiff	13 mm heel, arched on the right
SL=HAR28S	28 cm	Soft	13 mm heel, arched on the right
SL=HAR28M	28 cm	Medium	13 mm heel, arched on the right
SL=HAR28F	28 cm	Stiff	13 mm heel, arched on the right
SL=HAR28XF	28 cm	Very stiff	13 mm heel, arched on the right
SL=HAR28XXF	28 cm	Extra stiff	13 mm heel, arched on the right
SL=HAR31S	31 cm	Soft	13 mm heel, arched on the right
SL=HAR31M	31 cm	Medium	13 mm heel, arched on the right
SL=HAR31F	31 cm	Stiff	13 mm heel, arched on the right
SL=HAR31XF	31 cm	Very stiff	13 mm heel, arched on the right



Contoured CFP- 22M

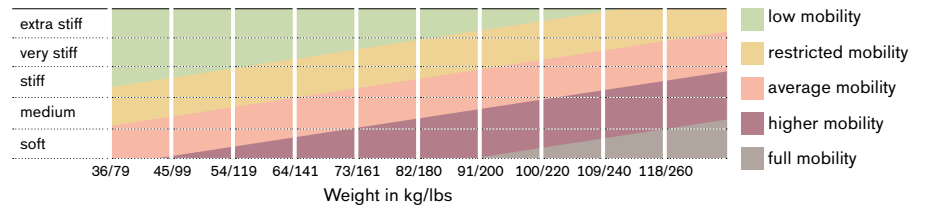
Reference number SL=CFP

Technical data

Article number	Size	Stiffness (SL)	Version
SL=CFP22S	22 cm	Soft	contoured
SL=CFP22M	22 cm	Medium	contoured
SL=CFP22F	22 cm	Stiff	contoured
SL=CFP22XF	22 cm	Very stiff	contoured
SL=CFP22XXF	22 cm	Extra stiff	contoured
SL=CFP25S	25 cm	Soft	contoured
SL=CFP25M	25 cm	Medium	contoured
SL=CFP25F	25 cm	Stiff	contoured
SL=CFP25XF	25 cm	Very stiff	contoured
SL=CFP25XXF	25 cm	Extra stiff	contoured
SL=CFP28S	28 cm	Soft	contoured
SL=CFP28M	28 cm	Medium	contoured
SL=CFP28F	28 cm	Stiff	contoured
SL=CFP28XF	28 cm	Very stiff	contoured
SL=CFP28XXF	28 cm	Extra stiff	contoured
SL=CFP31S	31 cm	Soft	contoured
SL=CFP31M	31 cm	Medium	contoured
SL=CFP31F	31 cm	Stiff	contoured
SL=CFP31XF	31 cm	Very stiff	contoured
SL=CFP31XXF	31 cm	Extra stiff	contoured

Morton's extension

For the treatment of Morton's neuroma, hallux rigidus, stress fractures and hallux malleus (Turf toe™) – 13 mm heel



Morton's extension

Reference number SL=ME

Technical data

Article number	Side	Stiffness (SL)	Version
SL=ME-F-M		Medium	Standard (20 cm) + flat
SL=ME-F-F		Stiff	Standard (20 cm) + flat
SL=ME-CR-M	right	Medium	Standard (20 cm) + contoured
SL=ME-CL-M	left	Medium	Standard (20 cm) + contoured
SL=ME-CR-F	right	Stiff	Standard (20 cm) + contoured
SL=ME-CL-F	left	Stiff	Standard (20 cm) + contoured



Morton's extension

Reference number SL=MEL

Technical data

Article number	Side	Stiffness (SL)	Version
SL=MEL-F-M		Medium	Long (25.5 cm) + flat
SL=MEL-F-F		Stiff	Long (25.5 cm) + flat
SL=MEL-CR-M	right	Medium	Long (25.5 cm) + contoured
SL=MEL-CL-M	left	Medium	Long (25.5 cm) + contoured
SL=MEL-CR-F	right	Stiff	Long (25.5 cm) + contoured
SL=MEL-CL-F	left	Stiff	Long (25.5 cm) + contoured





KAFO/KO

All knee joints and knee joint systems, including traditional mechanical and mechatronic, are presented in this section.





C-Brace® orthotronic mobility system

Reference number 17KO1000=0_B

The C-Brace® supports the user during the gait cycle and adapts to any everyday situation in real time. Flexion under load, walking over uneven terrain and on slopes or going down stairs step-over-step: all this defines a new level of mobility. The new C-Brace® is smaller, lighter and can be worn inconspicuously under clothing.

Key features

- Unique SSCO® system (Stance and Swing Phase Control Orthosis)
- Microprocessor-controlled stance and swing phase
- Entire gait cycle can be controlled dynamically and in real time
- System responds quickly to any everyday situation

Indications

- Unilateral or bilateral flaccid leg paresis or paralysis
- Physical prerequisites such as muscle status, joint mobility and possible axis deviations are crucial, as they must guarantee proper control of the orthosis.
- The user must fulfil the physical and mental requirements for perceiving optical/acoustic signals and/or mechanical vibrations.
- The existing muscle strength of the hip extensors and flexors must permit the controlled swing-through of the limb

Contraindications

- Flexion contracture in the knee and/or hip joint > 10°
- Varus malposition > 10° or valgus malposition > 10°
- Severe spasticity
- Body weight > 125 kg

Relative contraindications

- Spasticity

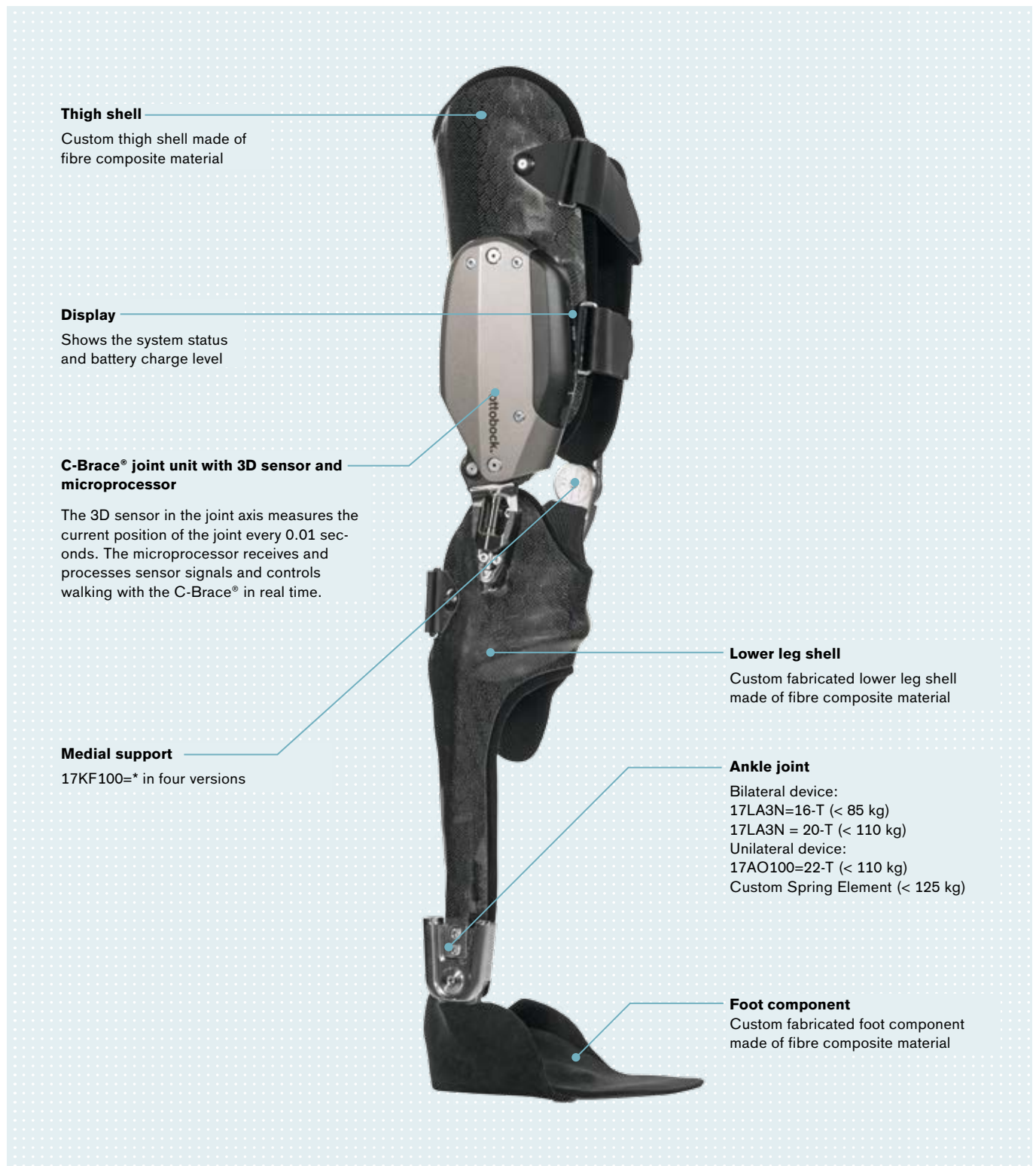
ⓘ Certification is required for the C-Brace® orthotronic mobility system! Please contact your customer service representative or your regional contact person regarding this.

Information material

646D1300=EN_INT	C-Brace® information for practitioners
647G1337	C-Brace® instructions for use
646D1358=EN_INT	Clinical studies – C-Brace®
646A339=EN_INT	C-Brace® therapy information
646F430=EN_INT	C-Brace® therapy exercises poster
646H8=EN_INT	C-Brace® user information
646H9=ALL_INT	Orthotic Passport
646D1182	C-Brace® instructions for use (user)
646V92=INT	Video on print C-Brace®

C-Brace®

What's inside



Components of 17KO1000=0_B



C-Brace® joint unit

Reference number 17KO1

The C-Brace® joint unit contains a 3D sensor in the joint axis, which measures the current position of the joint every 0.01 seconds. A microprocessor receives and processes the sensor signals and controls walking with the C-Brace® in real time.

Technical data

Article number	Side	Max. body weight
17KO1=L	left (L)	125 kg
17KO1=R	right (R)	125 kg



Tablet with C-Brace® Setup app

Reference number 570A16

Samsung Galaxy tablet with Android operating system. Optional accessory; the Setup app can be downloaded directly from the App Store (iOS) or Play Store (Android).

Technical data

Article number
570A16=V1

- Setup app pre-installed
- Please note that the seal of the packaging is broken on delivery, due to the pre-installation of the Setup app.



C-Brace® medial support

Reference number 17KF100

Four different versions of the medial support required for the C-Brace® orthosis. To select the appropriate version, please use the 17KF100A=DY-16 medial support dummy.

Selecting and ordering

The medial support can be used on both sides. The version information refers to the use of the medial support on the right side. For use on the left side, the offset is the other way around.



Technical data

Article number	Version	Bar width	Side	for
17KF100=16-1-T	Straight	16 mm	both sides	adults
17KF100=16-2-T	Bottom contoured	16 mm	both sides	adults
17KF100=16-3-T	Top contoured	16 mm	both sides	adults
17KF100=16-4-T	Bilateral contoured	16 mm	both sides	adults



C-Brace® medial support dummy set

Reference number 17KF100A

Dummy set for choosing the appropriate version of the 17KF100 C-Brace® medial support.

Technical data

Article number

17KF100A=DY-16



Unilateral C-Brace® ankle joint

Reference number 17AO100

The 17AO100 unilateral ankle joint is a multifunction system ankle joint with a dorsiflexion effect. It is approved only in combination with the C-Brace®.



Technical data

Article number	Bar width	Max. body weight
17AO100=22-T	22 mm	110 kg

- Lamination bar and foot stirrup are included in scope of delivery.



Unilateral system ankle joint

Reference number 17LA3N

The 17LA3N unilateral ankle joint is a multifunction system ankle joint with a dorsiflexion effect.

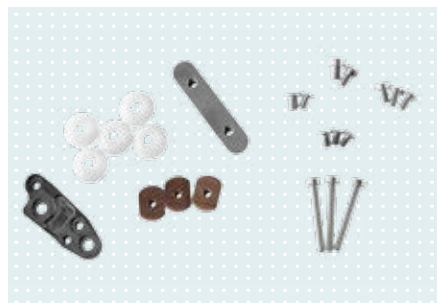


Technical data

Article number	System width	Max. body weight	Material	Quantity unit
17LA3N=16-T	16 mm	85 kg (bilateral)	Titanium	Piece
17LA3N=20-T	20 mm	55 kg (unilateral) / 110 kg (bilateral)	Titanium	Piece

- Lamination bar and foot stirrup are not included in scope of delivery! Please order separately.

Spare parts for 17KO1000=0_B



Mounting set for C-Brace®

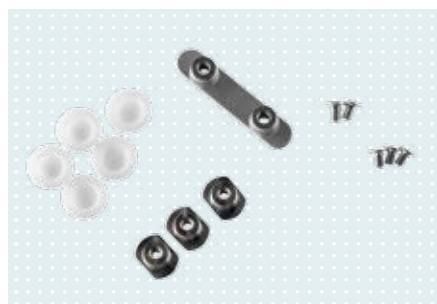
Reference number 17KO1A=*-Set-1

Mounting set for fabrication of a C-Brace® interim orthosis with loaner joint unit.

Technical data

Article number	Side
17KO1A=L-SET-1	left (L)
17KO1A=R-SET-1	right (R)

- All mounting components required to fabricate a C-Brace® orthotronic mobility system are already included in the scope of delivery of the 17KO1* C-Brace® joint unit.



Fabrication set for C-Brace®

Reference number 17KO1A=SET-2

Positioning and connection elements for subsequent attachment of the C-Brace® joint unit.

Technical data

Article number
17KO1A=SET-2



Screw set for C-Brace® joint connection

Reference number 17KO1A=Set-1

Mounting screws for connection of the C-Brace® joint unit

Technical data

Article number
17KO1A=SET-1



Correction adapter set for C-Brace®

Reference number 17KO1A=SET

Sliding adapter for interim orthoses (optional)

Technical data

Article number
17KO1A=SET

- i** **Information for specialist dealers 17KO1A=SET**
- For use with the 17B44 orthotic knee joint

Accessory for 17K01000=0_B



C-Brace[®] fabrication dummy

Reference number 799A1

Fabrication dummy for the correct positioning of the 17K01 C-Brace[®] joint unit.

Technical data**Article number**

799A1



Positioning template for C-Brace[®] fabrication dummy

Reference number 799Y17

Positioning template for the C-Brace[®] joint unit

Technical data**Article number**

799Y17



Battery charger

Reference number 4E50-2

For the C-Brace[®] orthotronic mobility system, the C-Leg knee joint and the Meridium prosthetic foot.

Technical data**Article number**

4E50-2



Power supply unit

Reference number 757L16-4

Power supply for electronic prosthetic components and orthoses of Ottobock. EU and US adapter are included in the scope of delivery, additional adapters can be ordered separately.

Technical data**Article number**

757L16-4



Diagnostic trial orthosis for C-Brace®

Reference number 17KT1

The diagnostic trial orthosis allows you to test the treatment of a patient with the C-Brace® for function and patient acceptance in advance.

Technical data

Article number	Side	Max. body weight	for
17KT1=L-S	left (L)	125 kg	Patients with a body height of between 1.50 m and 2.00 m
17KT1=R-S	right (R)	125 kg	Patients with a body height of between 1.50 m and 2.00 m

- The DTO is a loaner unit (17KT1=*-S). Please contact your local contact person if you would like to purchase a DTO (17KT1=*).

Fitting information

Ottobock recommends briefly testing the DTO for no more than one hour. The attending O&P professional is responsible for making a concrete evaluation. However, the DTO should only be worn under the O&P professional's supervision. The DTO is not to be handed over to the user.



C-Brace® joint unit

Reference number 17KO1

The C-Brace® joint unit contains a 3D sensor in the joint axis, which measures the current position of the joint every 0.01 seconds. A microprocessor receives and processes the sensor signals and controls walking with the C-Brace® in real time.

Technical data

Article number	Side	Max. body weight
17KO1=L-S	left (L)	125 kg
17KO1=R-S	right (R)	125 kg

- These are loaner joints (17KO1=*-S) that can be obtained from the MASC (Manufacturer's After-Sales Service Center). If you want to purchase a joint, please use article number 17KO1=*.

Information material

646D1300=EN_INT	C-Brace® information for practitioners
646H8=EN_INT	C-Brace® user information

Spare parts for 17KO1



Mounting set for C-Brace®

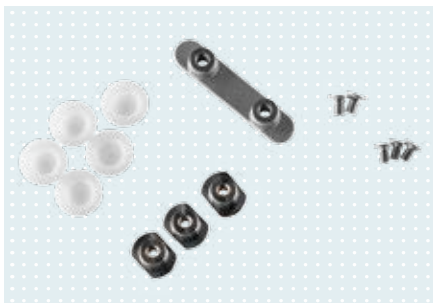
Reference number 17KO1A=*-Set-1

Mounting set for fabrication of a C-Brace® interim orthosis with loaner joint unit.

Technical data

Article number	Side
17KO1A=L-SET-1	left (L)
17KO1A=R-SET-1	right (R)

- All mounting components required to fabricate a C-Brace® orthotronic mobility system are already included in the scope of delivery of the 17KO1* C-Brace® joint unit.



Fabrication set for C-Brace®

Reference number 17KO1A=SET-2

Positioning and connection elements for subsequent attachment of the C-Brace® joint unit.

Technical data

Article number
17KO1A=SET-2



Screw set for C-Brace® joint connection

Reference number 17KO1A=Set-1

Mounting screws for connection of the C-Brace® joint unit

Technical data

Article number
17KO1A=SET-1



Correction adapter set for C-Brace®

Reference number 17KO1A=SET

Sliding adapter for trial orthoses (optional)

Technical data

Article number
17KO1A=SET



Information for specialist dealers 17KO1A=SET

- For use with the 17B44 orthotic knee joint

“SSCO” – Stance and Swing Phase Control Orthosis – C-Brace® order form

Customer		Shipping address (if different from customer address)	
Customer no.	<input type="text"/>	Customer no.	<input type="text"/>
Company	<input type="text"/>	Company	<input type="text"/>
Street	<input type="text"/>	Street	<input type="text"/>
Postal code / city	<input type="text"/>	Postal code / city	<input type="text"/>
O&P professional	<input type="text"/>	Com.	<input type="text"/>

Initial orthotic fitting with C-Brace®

Follow-up fitting

Previously fitted with

17B300=R C-Brace®
Serial number

17KO1=R C-Brace®
Serial number

17B300=L C-Brace®
Serial number

17KO1=L C-Brace®
Serial number

Fitting after trial fitting with loaner joints

Orthosis user

Weight kg

Affected side left right bilateral*

Height cm

* If bilateral, please fill out one order sheet each for the right and the left leg!

Medial support (selection required)

Art. no.	Description
<input type="checkbox"/> 17KF100=16-1-T	Proximal and distal straight (R and L)
<input type="checkbox"/> 17KF100=16-2-T	Proximal straight, distal angled (L)
<input type="checkbox"/> 17KF100=16-3-T	Proximal straight, distal angled (R)
<input type="checkbox"/> 17KF100=16-4-T	Proximal and distal angled (R and L)

• **Note:** Delivered with two 17LS3=16-T lamination bars invoiced separately.

Warranty option

Art. no.	Description
<input type="checkbox"/> SP-17KO1=6	Extension of warranty to six years

• **Note:** We offer the option of extending the warranty to six years. This makes it even easier for you to keep track of the costs incurred and minimises the effort on your part. You can take advantage of this option up to 36 months after the delivery date.

Subject to the general business terms and conditions of Ottobock SE & Co. KGaA. Errors and price changes reserved.

Ankle joint (selection required)

none (fitting with custom spring – < 125 kg)

Unilateral (one joint)

17AO100=22-T (up to 110 kg)

17LA3N=20-T (up to 55 kg)*

Bilateral (two joints)

17LA3N=16-T (< 85 kg)*

17LA3N=20-T (< 110 kg)*

* Delivered with foot stirrup and lamination bars invoiced separately.

Tablet

Qty	Art. no.	Description
	570A16=V1	Samsung Galaxy (incl. setup app)

Desired shipping date

(generally delivered one to two working days after shipping)

Date City Signature

“SSCO” – Stance and Swing Phase Control Orthosis – C-Brace® iFab order form

Customer		Shipping address (if different from customer address)	
Customer no.	<input type="text"/>	Customer no.	<input type="text"/>
Company	<input type="text"/>	Company	<input type="text"/>
Street	<input type="text"/>	Street	<input type="text"/>
Postal code/city	<input type="text"/>	Postal code/city	<input type="text"/>
Orthotist	<input type="text"/>	Com.	<input type="text"/>

Initial orthotic fitting with C-Brace®

Follow-up fitting

Previously treated with

17B300=R C-Brace®
Serial number

17KO1=R C-Brace®
Serial number

17B300=L C-Brace®
Serial number

17KO1=L C-Brace®
Serial number

Treatment after trial fitting with loaner joints

Orthosis user

Weight kg

Height cm

Affected side Left Right Bilateral*

* If bilateral, please fill in one order form each for the right and the left leg!

Medial support (selection required)

Art. no.	Description
<input type="checkbox"/> 17KF100=16-1-T	Proximal and distal straight (R and L)
<input type="checkbox"/> 17KF100=16-2-T	Proximal straight, distal angled (L)
<input type="checkbox"/> 17KF100=16-3-T	Proximal straight, distal angled (R)
<input type="checkbox"/> 17KF100=16-4-T	Proximal and distal angled (R and L)

• **Note:** Delivered with two 17LS3=16-T lamination bars invoiced separately.

Orthotic ankle joint (selection required)

None (device with custom spring – < 125 kg)

Unilateral (one joint)

17AO100=22-T (up to 110 kg)

17LA3N=20-T (up to 55 kg)*

Bilateral (two joints)

17LA3N=16-T (< 85 kg)*

17LA3N=20-T (< 110 kg)*

* Delivered with foot stirrup and lamination bars invoiced separately.

Warranty option

Art. no.	Description
<input type="checkbox"/> SP-17KO1=6	Extension of warranty to six years

• **Note:** We offer the option of extending the warranty to six years. This makes it even easier for you to keep track of the costs incurred and minimises the effort on your part. You can take advantage of this option up to 36 months after the delivery date.

Tablet

Quantity	Art. no.	Description
	570A16=V1	Samsung Galaxy (incl. setup app)

Desired shipping date

(generally delivered one to two working days after shipping)

Subject to the general business terms and conditions of Ottobock SE & Co. KGaA. Errors and price changes reserved.

Ordering options

- IP3141=* mill foam model**, the following options may also apply¹
 - IP8010=1 milling job (convert .cpxp to .stl)
 - IP8010=2 conversion
 - IP3180=1 glue metal cores in place
 - IP3180=3 square box spanner for alignment axis
- SF28=T4 thermoplastic test orthosis (to check the fit and static alignment)**
- SF28=M4 plaster model of the thermoplastic test orthosis**
- SF28K=L/R-KAFO-4 prepreg frame (incl. hook-and-loop pocket, unfinished carbon fibre look)²**
- SF28=F2 fabrication – padding and closures³**
- SF28=C1 surface design**

1 | Sub-options deviate as specified
 2 | Please mark the position, size and thickness of the hook-and-loop pockets
 3 | If the “Fabrication” ordering option is selected, straps and padding are included as specified

Padding dummy

- Prepare the orthosis directly on the cast, **without** allowing for any padding distance
- The cast is shaped without padding distance. Please allow a padding distance for the:
 - Thigh ofmm
 - Lower leg ofmm
 - Foot ofmm

Padding

Thigh and lower leg	Foot
<input type="checkbox"/> 623F109=* ComforTex soft, 4 mm	<input type="checkbox"/> 617S90=2 Dino foam, black/white, 2 mm
<input type="checkbox"/> 623F110=* ComforTex smooth, 4 mm	<input type="checkbox"/> 617S3=W2 Pedilin, white, 2 mm
<input type="checkbox"/> 623F112=* ComforTex grippy, 4 mm	<input type="checkbox"/> 617S3=W3 Pedilin, white, 3 mm
<input type="checkbox"/> 623F62=* ComforTex air, 3 mm	

Closures

If the “Fabrication” ordering option is selected, straps and padding are included as specified. Otherwise only closure pockets are considered.

Thigh strap(s)	Lower leg strap(s)
Side for strap guide loop <input type="checkbox"/> Medial <input type="checkbox"/> Lateral	Side for strap guide loop <input type="checkbox"/> Medial <input type="checkbox"/> Lateral
Strap width <input type="checkbox"/> 40 mm <input type="checkbox"/> 50 mm	Strap width <input type="checkbox"/> 40 mm <input type="checkbox"/> 50 mm
Strap material	
<input type="checkbox"/> 21Y75N hook-and-loop closure, carbon fibre look	<input type="checkbox"/> 21Y78 hook-and-loop closure with weld seams, black

Sole

	Rollover without resistance	Dynamic	Spring stiffness	Stiff
Forefoot characteristics	<input type="checkbox"/> 1 Soft	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> Stiff
Heel	<input type="checkbox"/> 1 Soft	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 5 <input type="checkbox"/> Stiff

Surface treatment

- Unfinished carbon look (standard)**
 - SF28=C1 finished glossy carbon look***
- *surcharge applicable

i A carbon anterior tibial shell must be provided if the lower leg frame is in the posterior position.

Date City Signature



Patient selection aid for the C-Brace®

The selection aid helps to determine whether a patient is suitable for a C-Brace®. However, this document should be considered only an aid. For the final decision, please fit the patient with a diagnostic trial orthosis (DTO).

Cognitive requirements

The patient must be capable of ensuring the proper handling, care and use of the orthosis (e.g. hearing acoustic signals).

Functional deficit

Neuromuscular instability of the knee joint in the sagittal plane

Diagnosis (by the physician):

.....

Exclusion criteria

If any of the following apply to your patient, he or she cannot be fitted with a C-Brace® at this time:

.....

- Swing phase initiation from a standing position is not possible**

.....
 - Weight over 125 kg**

.....
 - Severe spasticity**

.....
 - Leg shortened more than 15 cm**

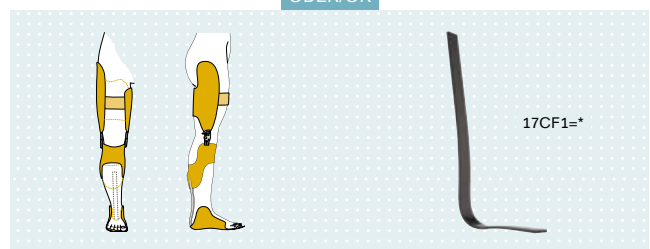
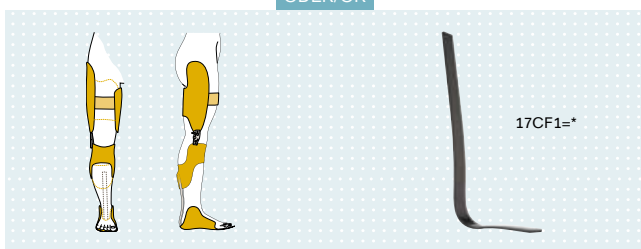
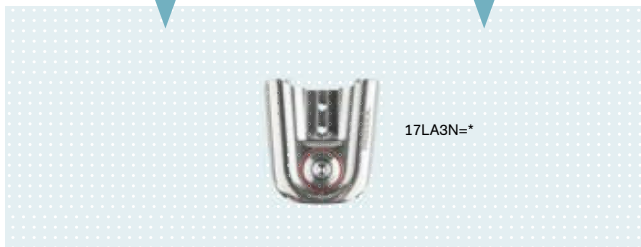
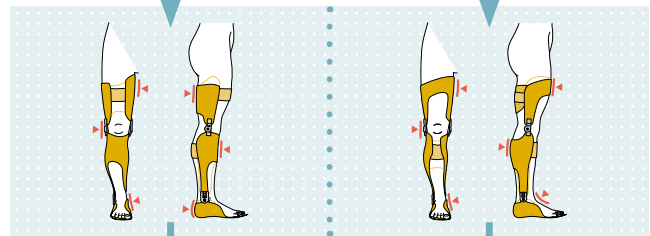
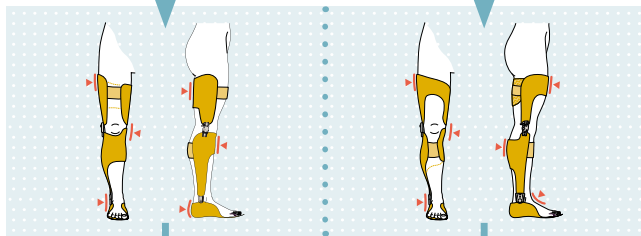
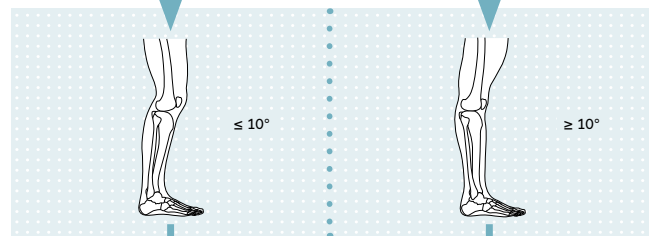
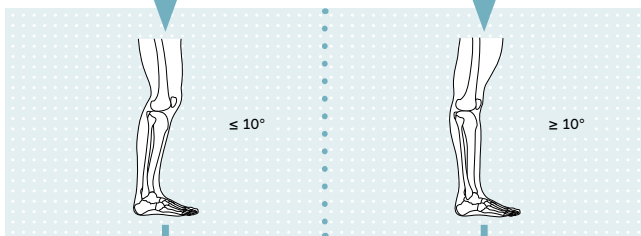
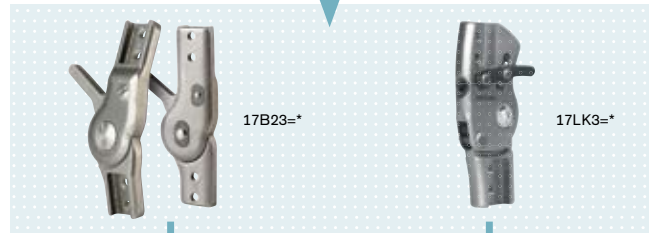
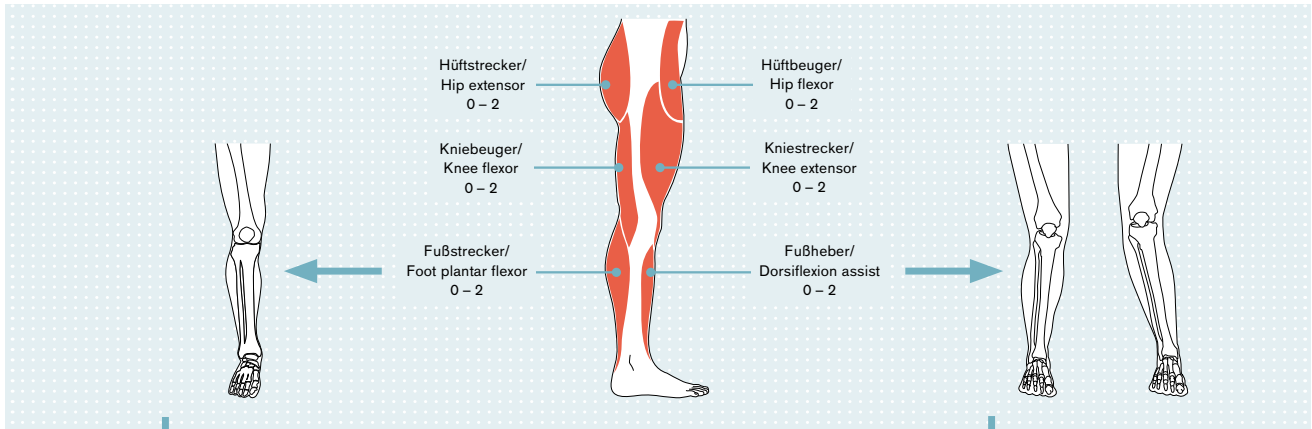
.....
 - Knee and hip flexion contracture more than 10°**

.....
 - Insufficient neuromuscular trunk stability for the trial phase**

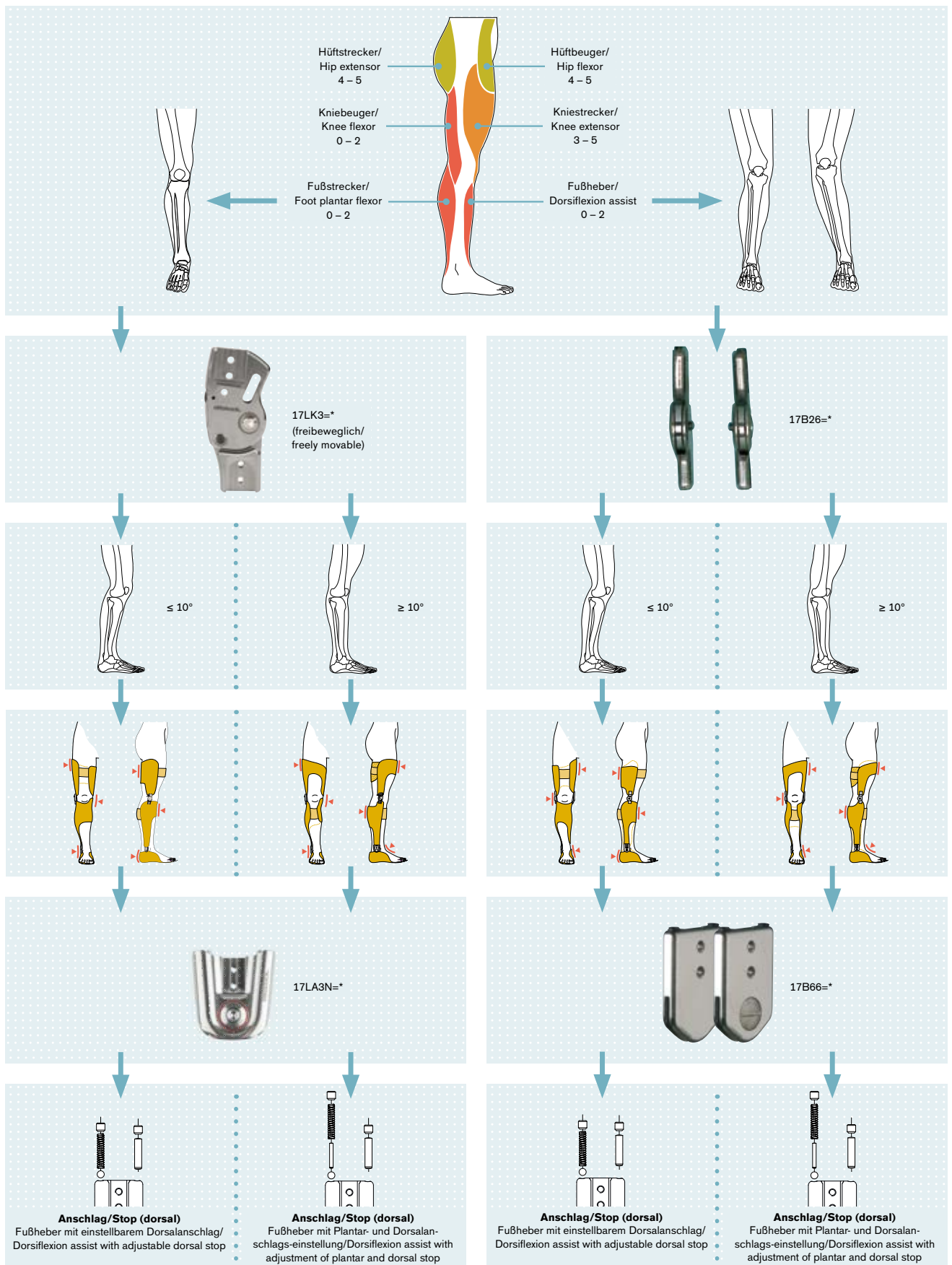
.....
 - Diseases that preclude the use of an orthosis (e.g. oedema, extensive skin irritation)**

.....
 - Orthoprosthesis**

.....
-



Selection tool





Knee joint bar for children

Reference number 17K32

Free motion knee joint bar

Knee joint extension stop can be adjusted by filing, flat bar profile, no posterior placement



Technical data

Article number	Upper/lower bar length	Bar width	Joint bar thickness	Joint head Ø	Material	Quantity unit
17K32=6	220 / 250 mm	12 mm	3 mm	16 mm	Stainless steel	Pair
17K32=5	300 / 320 mm	14 mm	3 mm	18 mm	Stainless steel	Pair
17K32=4	410 / 390 mm	16 mm	3 mm	20 mm	Stainless steel	Pair

Information material

647G2=ALL_INT

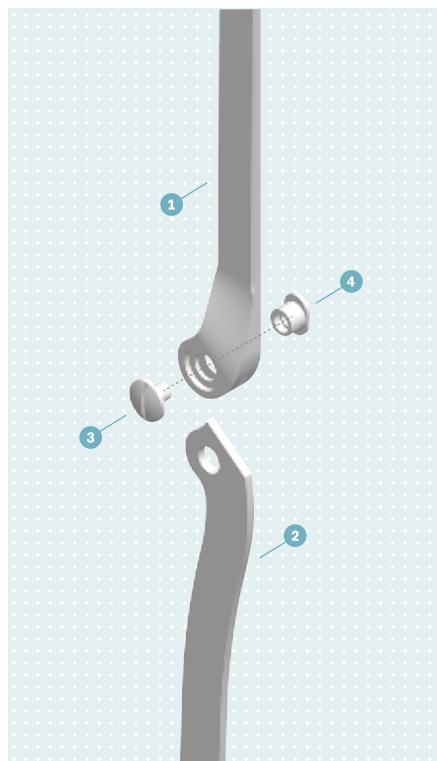
Instructions for use –
system/leg bars



Practical recommendation 17K32

- On worn joints, the tolerance can be reduced with the repair bolts. A suitable reamer is usually used for adaptation.
- The following shoulder screws can be used with the 17K29/32/33/34/42 joint bars for children: 501A1=12x6xM4

Spare parts for 17K32



(1) Knee joint bar, upper section

Reference number 17X8

Technical data

Article number	Spare part for	Side	Material	Quantity unit
17X8=L4	17K32=4	left (L)	Stainless steel	Piece
17X8=R4	17K32=4	right (R)	Stainless steel	Piece
17X8=L5	17K32=5	left (L)	Stainless steel	Piece
17X8=R5	17K32=5	right (R)	Stainless steel	Piece
17X8=L6	17K32=6	left (L)	Stainless steel	Piece
17X8=R6	17K32=6	right (R)	Stainless steel	Piece

(2) Knee joint bar, lower section

Reference number 17U8

Technical data

Article number	Spare part for	Material	Quantity unit
17U8=4	17K32=4	Stainless steel	Piece
17U8=5	17K32=5	Stainless steel	Piece
17U8=6	17K32=6	Stainless steel	Piece

(3) Slotted truss head screw

Reference number 501S32

Technical data

Article number	Spare part for	Head Ø	Length	Thread	For system width	Material	Quantity unit
501S32=M4X10X9.5	17K32=5 17K32=6	10 mm	9.5 mm	M4	16 mm	Stainless steel	Piece
501S32=M6X14X10	17K32=4	14 mm	10 mm	M6	20/16 mm	Stainless steel	Piece

(4) Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	Spare part for	Insertion length	Profile length	Shank length	Thread	Shoulder Ø	Quantity unit
17Y93=6X6.7XM4	17K32=5 17K32=6	5.45 mm	12 mm	6.7 mm	M4	6 mm	Piece
17Y93=6.5X6.7XM4	17K32=5 17K32=6	5.45 mm	12 mm	6.7 mm	M4	6.5 mm	Piece
17Y93=9X7.2XM6	17K32=4	6 mm	14 mm	7.2 mm	M6	9 mm	Piece
17Y93=9.5X7.2XM6	17K32=4	6 mm	14 mm	7.2 mm	M6	9.5 mm	Piece



Knee joint bar for children

Reference number 17K33

Free motion knee joint bar

Joints not filed out, joint centre 15 mm to the posterior



Technical data

Article number	Upper/lower bar length	Bar width	Joint bar thickness	Joint head Ø	Material	Quantity unit
17K33=6	220 / 250 mm	12 mm	3 mm	16 mm	Stainless steel	Pair
17K33=5	220 / 250 mm	14 mm	3 mm	18 mm	Stainless steel	Pair
17K33=4	220 / 250 mm	16 mm	3 mm	20 mm	Stainless steel	Pair

Information material

647G2=ALL_INT

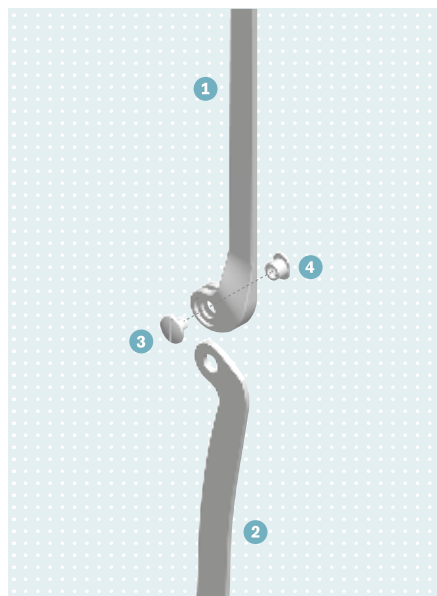
Instructions for use –
system/leg bars



Practical recommendation 17K33

- On worn joints, the tolerance can be reduced with the repair bolts. A suitable reamer is usually used for adaptation.
- The following shoulder screws can be used with the 17K29/32/33/34/42 joint bars for children: 501A1=12x6xM4

Spare parts for 17K33



(1) Knee joint bar, upper section

Reference number 17X9

Technical data

Article number	Spare part for	Side	Material	Quantity unit
17X9=L4	17K33=4	left (L)	Stainless steel	Piece
17X9=R4	17K33=4	right (R)	Stainless steel	Piece
17X9=L5	17K33=5	left (L)	Stainless steel	Piece
17X9=R5	17K33=5	right (R)	Stainless steel	Piece
17X9=L6	17K33=6	left (L)	Stainless steel	Piece
17X9=R6	17K33=6	right (R)	Stainless steel	Piece

(2) Slotted truss head screw

Reference number 501S32

Technical data

Article number	Spare part for	Head Ø	Length	Thread	Material	Quantity unit
501S32=M4X10X9.5	17K33=5 17K33=6	10 mm	9.5 mm	M4	Stainless steel	Piece
501S32=M6X14X10	17K33=4	14 mm	10 mm	M6	Stainless steel	Piece

(3) Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	Spare part for	Insertion length	Profile length	Shank length	Thread	Shoulder Ø	Quantity unit
17Y93=6.5X6.7XM4	17K33=5 17K33=6	5.45 mm	12 mm	6.7 mm	M4	6.5 mm	Piece
17Y93=7X6.7XM4	17K33=5 17K33=6	5.45 mm	12 mm	6.7 mm	M4	7 mm	Piece
17Y93=9X7.2XM6	17K33=4	6 mm	14 mm	7.2 mm	M6	9 mm	Piece
17Y93=10X7.2XM6	17K33=4	6 mm	14 mm	7.2 mm	M6	10 mm	Piece

(4) Knee joint bar, lower section

Reference number 17U9

Technical data

Article number	Spare part for	Material	Quantity unit
17U9=5	17K33=5	Stainless steel	Piece
17U9=4	17K33=4	Stainless steel	Piece



Free motion knee joint, posterior offset

Reference number 17KF10

Adjustable extension stop
Posterior placement of 19 mm



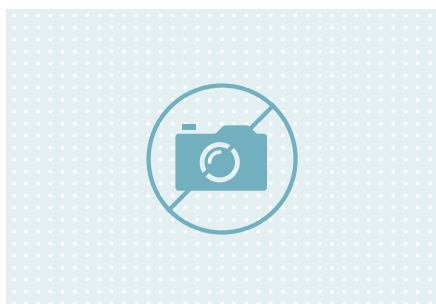
Technical data

Article number	Upper/lower bar length	Bar width	Joint bar thickness	Version	Material	Quantity unit
17KF10=16	390 / 570 mm	16 mm	5 mm	Straight	Stainless steel	Pair
17KF10=16-A	390 / 570 mm	16 mm	5 mm	Straight	Aluminium	Pair

Information material

646D1279=EN_INT	Conventional joint bar system information for practitioners
647G221=ALL_INT	17KF10/17KL20/17KL40 instructions for use

Spare parts for 17KF10



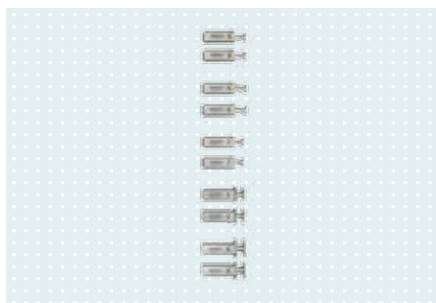
Service set

Reference number 17KS=11

Technical data

Article number	Spare part for	Scope of delivery
17KS=11	17KF10=16-A 17KF10=16	Bearing nut Bushing Truss head screw with slot Red washer

Accessory for 17KF10

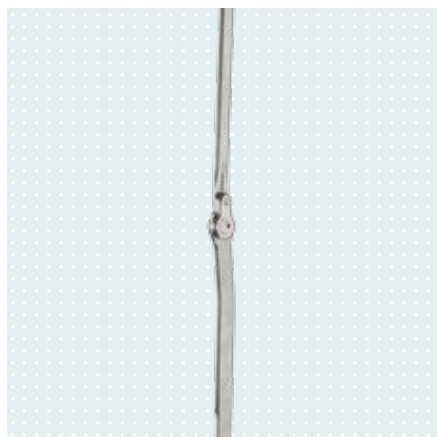


Alignment insert set

Reference number 743Y57

Technical data

Article number	Accessories for
743Y57	17KF10=16 17KF10=16-A



Free motion knee joint

Reference number 17KF1

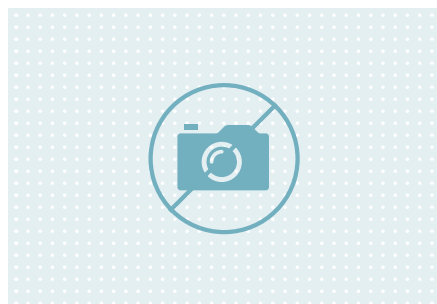
Technical data

Article number	Upper/lower bar length	Bar width	Joint bar thickness	Bar material	Quantity unit
17KF1=13-A	300 / 560 mm	13 mm	5 mm	Aluminium	Pair
17KF1=13-CS	300 / 560 mm	13 mm	5 mm	Steel	Pair
17KF1=16-A	400 / 570 mm	16 mm	6,35 mm	Aluminium	Pair
17KF1=16-CS	400 / 570 mm	16 mm	5 mm	Steel	Pair

Information material

646D1279=EN_INT	Conventional joint bar system information for practitioners
647G1334=ALL_INT	17KF1 instructions for use

Spare parts for 17KF1

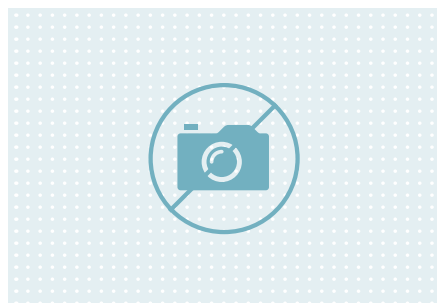


Service set

Reference number 17KS=18

Technical data

Article number	Spare part for	Scope of delivery
17KS=18	17KF1=13-A	Flat round disk with slot Red Washer Bearing nut Bushing Face plate



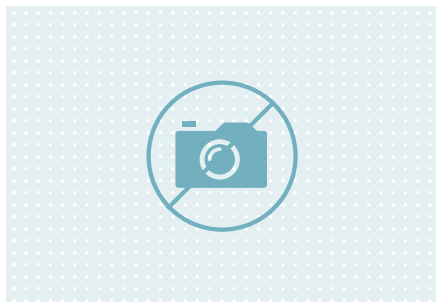
Service set

Reference number 17KHS=3

Service set for hip and knee joints

Technical data

Article number	Spare part for	Scope of delivery
17KHS=3	17KF1=13-CS 17KF1=15-CS	Bearing nut Bushing Flat round disk with slot Red washer Compression spring Truss head screw with slot Spring-loaded thrust piece



Service set

Reference number 17KS=16

Technical data

Article number	Spare part for	Scope of delivery
17KS=16	17KF1=16-A	Flat round disk with slot Red washer Bearing nut Bushing Face plate



Service set

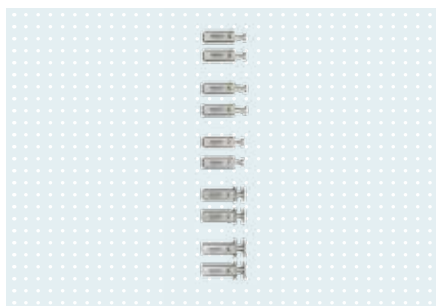
Reference number 17KHS=2

Service set for hip and knee joints

Technical data

Article number	Spare part for	Scope of delivery
17KHS=2	17KF1=16-CS	Bearing nut Bushing Flat round disk with slot Red washer Compression spring Truss head screw with slot Spring-loaded thrust piece

Accessory for 17KF1

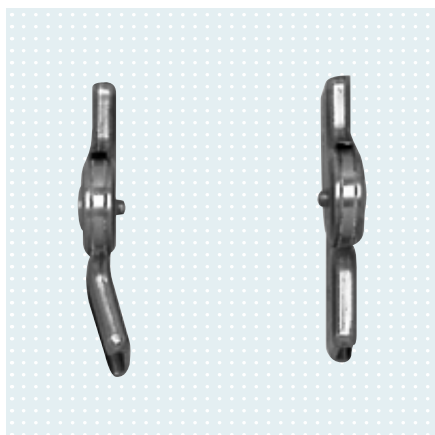


Alignment insert set

Reference number 743Y57

Technical data

Article number	Accessories for
743Y57	17KF1=13-A 17KF1=13-CS 17KF1=16-A 17KF1=16-CS



System knee joint

Reference number 17B26

Medial joint has contoured bottom and straight top, straight lateral joint, free motion, with ball bearing, joint centre shifted 16 mm in posterior direction



Technical data

Article number	Side	System width	Length from joint centre upper	Length from joint centre lower	Material	Quantity unit
17B26=L16	left (L)	16 mm	33 mm	38 mm	Stainless steel	Pair
17B26=R16	right (R)	16 mm	33 mm	38 mm	Stainless steel	Pair
17B26=L20	left (L)	20 mm	33 mm	38 mm	Stainless steel	Pair
17B26=R20	right (R)	20 mm	33 mm	38 mm	Stainless steel	Pair

Information material

646F464=ALL_INT	KAFO selection guide
647G2=ALL_INT	Instructions for use – system/leg bars



System knee joint

Reference number 17B47

Medial and lateral joint are straight, free motion, with ball bearing, joint centre shifted 16 mm in posterior direction



Technical data

Article number	System width	Length from joint centre upper	Length from joint centre lower	Material	Quantity unit
17B47=16	16 mm	33 mm	38 mm	Stainless steel	Pair
17B47=20	20 mm	33 mm	38 mm	Stainless steel	Pair

Information material

647G2=ALL_INT	Instructions for use – system/leg bars
---------------	--



System knee joint

Reference number 17B3

Medial joint has contoured bottom and straight top, straight lateral joint, free motion, with ball bearing, joint centre shifted 22 mm in posterior direction



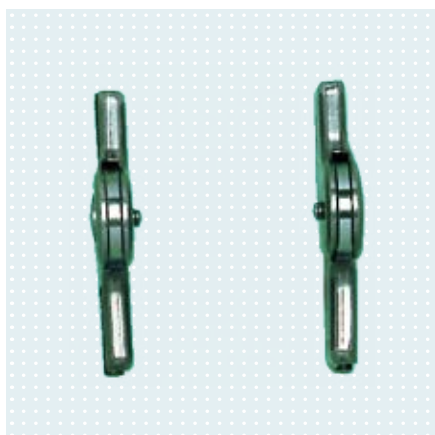
Technical data

Article number	Side	System width	Length from joint centre upper	Length from joint centre lower	Material	Quantity unit
17B3=L16	left (L)	16 mm	33 mm	38 mm	Stainless steel	Pair
17B3=R16	right (R)	16 mm	33 mm	38 mm	Stainless steel	Pair
17B3=L20	left (L)	20 mm	33 mm	38 mm	Stainless steel	Pair
17B3=R20	right (R)	20 mm	33 mm	38 mm	Stainless steel	Pair

Information material

647G2=ALL_INT

Instructions for use – system/leg bars



System knee joint

Reference number 17B43

Medial and lateral joint are straight, free motion, with ball bearing, joint centre shifted 22 mm in posterior direction



Technical data

Article number	System width	Length from joint centre upper	Length from joint centre lower	Material	Quantity unit
17B43=16	16 mm	33 mm	38 mm	Stainless steel	Pair
17B43=20	20 mm	33 mm	38 mm	Stainless steel	Pair

Information material

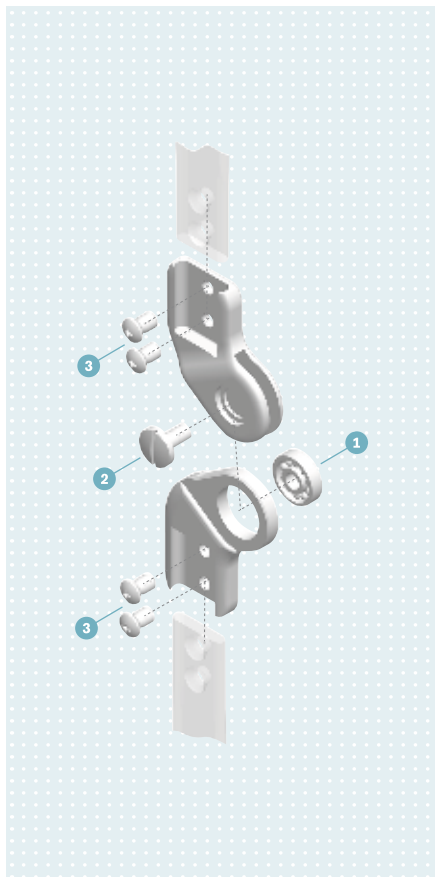
646F596=EN_MASTER

Knee joints overview

647G2

Instructions for use – system/leg bars

Spare parts for 17B26, 17B47, 17B3, 17B43

**(1) Ball bearing**

Reference number 509K11

Technical data

Article number	Quantity unit
509K11=5X16X4	Piece

(2) Oval head screw, slotted and partially threaded

Reference number 501A6

Technical data

Article number	Material	Quantity unit
501A6=4X5XM5	Stainless steel	Piece

(3) Phillips oval countersunk head screw

Reference number 501T7

Technical data

Article number	Head Ø	Length	Material	Quantity unit
501T7=7.5X9XM5	7.5 mm	9 mm	Stainless steel	Piece

Accessory for 17B26, 17B47, 17B3, 17B43

**System lamination bar**

Reference number 17Y128

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	System width	Length	Thickness	Material	Quantity unit
17Y128=16X80	16 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=20X80	20 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=16X100	16 mm	100 mm	4 mm	Stainless steel	Piece
17Y128=20X100	20 mm	100 mm	4 mm	Stainless steel	Piece

- ⚠ Caution! The system lamination bars always have to be used in pairs in the leg orthosis. Unilateral use can cause the lamination bar to break due to overloading.



System lamination bar with contoured calf

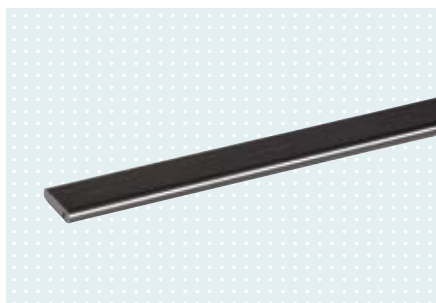
Reference number 17Y129

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17Y129=L16	left (L)	16 mm	100 mm	4 mm	Piece
17Y129=R16	right (R)	16 mm	100 mm	4 mm	Piece
17Y129=L20	left (L)	20 mm	100 mm	4 mm	Piece
17Y129=R20	right (R)	20 mm	100 mm	4 mm	Piece

- ⚠ Caution! The system lamination bars always have to be used in pairs in the leg orthosis. Unilateral use can cause the lamination bar to break due to overloading.



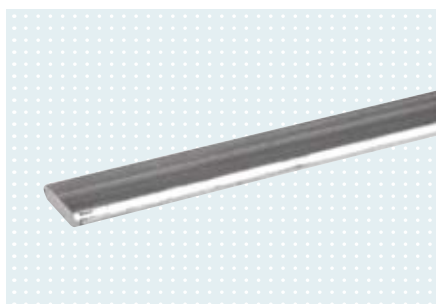
Stainless steel profile rod

Reference number 651P4

Suitable for fabricating system bars, with rounded edges, strength of approx. 800–950 N/mm², spot weldable

Technical data

Article number	Length	Width	Thickness	Quantity unit
651P4=16	2,000 mm	16 mm	4 mm	
651P4=20	2,000 mm	20 mm	4 mm	



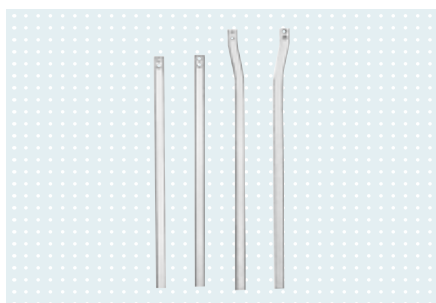
Light metal profile bar

Reference number 605P8

Suitable for fabricating system splints, with rounded edges, strength approx. 400 N/mm²

Technical data

Article number	For system width	Length	Width	Thickness
605P8=16	16 mm	2,000 mm	16 mm	5 mm
605P8=20	20 mm	2,000 mm	20 mm	5 mm



System side bar set

Reference number 17B38

Flat, consisting of two 17B4 and 17B4=T upper side bars and one 17B5 and 17B5=T lower side bar each for the left and right sides, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B38=16	16 mm	4 mm	Set
17B38=16-T	16 mm	4 mm	Set
17B38=20	20 mm	4 mm	Set
17B38=20-T	20 mm	4 mm	Set



System side bar set

Reference number 17B39

Consisting of two upper side bars and one left and one right lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B39=16	16 mm	5 mm	Set
17B39=20	20 mm	5 mm	Set



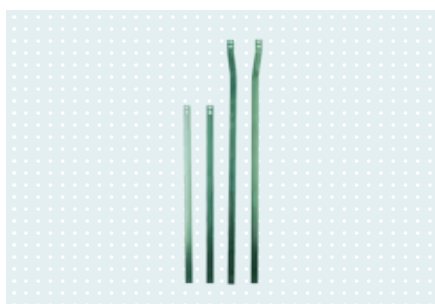
System side bar set

Reference number 17B85

Concave, consisting of two 17B88 upper side bars and one left and one right 17B89 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B85=16	16 mm	5 mm	Set
17B85=20	20 mm	5 mm	Set



System side bar set

Reference number 17B40

Overlength, flat, consisting of two 17B4 upper side bars and one left and one right 17B102 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B40=16	16 mm	4 mm	Set
17B40=20	20 mm	4 mm	Set



System side bar set, extra long

Reference number 17B41

Consisting of two 17B6 upper side bars and one left and one right 17B104 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B41=16	16 mm	5 mm	Set
17B41=20	20 mm	5 mm	Set



System side bar set

Reference number 17B84

Concave, consisting of two 17B86 upper side bars and one left and one right 17B87 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B84=16	16 mm	4 mm	Set
17B84=20	20 mm	4 mm	Set



System extension assist

Reference number 17Y32

with two rubber rings

Technical data

Article number	Quantity unit
17Y32	Piece



System extension assist

Reference number 17Y35

with two rubber rings

Technical data

Article number	Quantity unit
17Y35	Piece

Spare parts for 17Y32, 17Y35



Rubber ring

Reference number 18Z1

Service parts for 17Y32 and 17Y35

Technical data

Article number	Outside Ø	Inner Ø
18Z1=20.8X14.5	20,8 mm	14,5 mm
18Z1=24.6X18.3	24,6 mm	18,3 mm



Rubber ring

Reference number 18Z2

Service parts for 17Y32 and 17Y35

Technical data

Article number	Outside Ø	Inner Ø
18Z2=26.8X17.7	26,8 mm	17,7 mm
18Z2=21X12.9	21 mm	12,9 mm

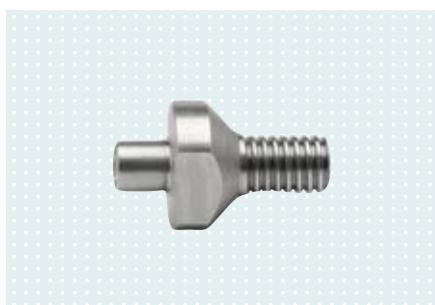


Flat head screw

Reference number 501S43

Technical data

Article number
501S43=M3X4



Special screw

Reference number 501S79

To attach the extension assist

Technical data

Article number
501S79=M5X4.1X16.1
501S79=M5X5.1X17.1



Serrated lock washer

Reference number 507S11

Technical data

Article number
507S11=5.3



System knee joint

Reference number 17B46

Polycentric system knee joint
Contoured medial joint, straight lateral joint, double joints with gear drive and ball bearings



Technical data

Article number	System width	Length from joint centre upper	Length from joint centre lower	Pivot point distance	Material	Quantity unit
17B46=16	16 mm	38 mm	38 mm	18 mm	Stainless steel	Pair
17B46=20	20 mm	38 mm	38 mm	18 mm	Stainless steel	Pair

Information material

647G2=ALL_INT

Instructions for use –
system/leg bars



System knee joint

Reference number 17B71

Polycentric system knee joint
Straight medial and lateral joints, polycentric with gear drive and ball bearings



Technical data

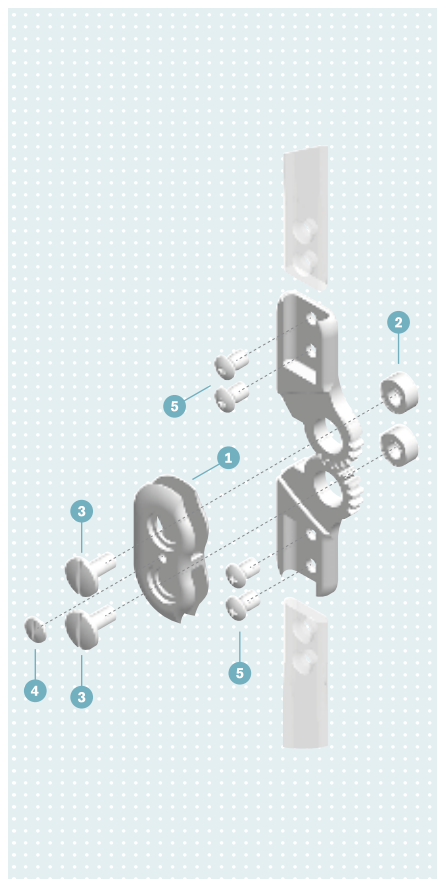
Article number	System width	Length from joint centre upper	Length from joint centre lower	Pivot point distance	Material	Quantity unit
17B71=16	16 mm	38 mm	38 mm	18 mm	Stainless steel	Pair
17B71=20	20 mm	38 mm	38 mm	18 mm	Stainless steel	Pair

Information material

647G2=ALL_INT

Instructions for use –
system/leg bars

Spare parts for 17B46, 17B71

**(1) Medial joint piece**

Reference number 7Y19

Technical data

Article number	Quantity unit
7Y19	Piece

(2) Ball bearing

Reference number 509K12

Technical data

Article number	Quantity unit
509K12	Piece

(3) Oval head screw, slotted and partially threaded

Reference number 501A6

Technical data

Article number	Material	Quantity unit
501A6=5X5XM5	Stainless steel	Piece

(4) Slotted oval head screw (lock screw)

Reference number 501S22

Technical data

Article number	Material	Quantity unit
501S22=8XM3.5	Stainless steel	Piece

(5) Phillips oval countersunk head screw

Reference number 501T7

Technical data

Article number	Head Ø	Length	Material	Quantity unit
501T7=7.5X9XM5	7.5 mm	9 mm	Stainless steel	Piece

Accessory for 17B71, 17B71



System lamination bar

Reference number 17Y128

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	System width	Length	Thickness	Material	Quantity unit
17Y128=16X80	16 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=20X80	20 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=16X100	16 mm	100 mm	4 mm	Stainless steel	Piece
17Y128=20X100	20 mm	100 mm	4 mm	Stainless steel	Piece

- ⚠ Caution! The system lamination bars always have to be used in pairs in the leg orthosis. Unilateral use can cause the lamination bar to break due to overloading.



System lamination bar with contoured calf

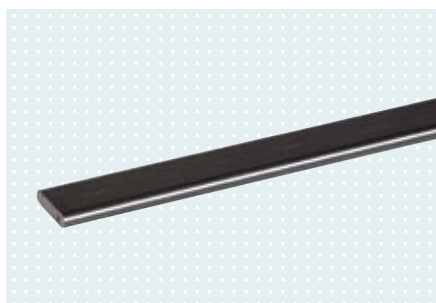
Reference number 17Y129

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17Y129=L16	left (L)	16 mm	100 mm	4 mm	Piece
17Y129=R16	right (R)	16 mm	100 mm	4 mm	Piece
17Y129=L20	left (L)	20 mm	100 mm	4 mm	Piece
17Y129=R20	right (R)	20 mm	100 mm	4 mm	Piece

- ⚠ Caution! The system lamination bars always have to be used in pairs in the leg orthosis. Unilateral use can cause the lamination bar to break due to overloading.



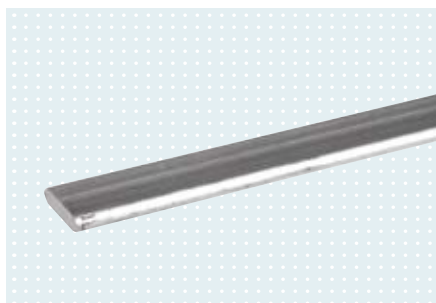
Stainless steel profile rod

Reference number 651P4

Suitable for fabricating system bars, with rounded edges, strength of approx. 800–950 N/mm², spot weldable

Technical data

Article number	Length	Width	Thickness
651P4=16	2,000 mm	16 mm	4 mm
651P4=20	2,000 mm	20 mm	4 mm



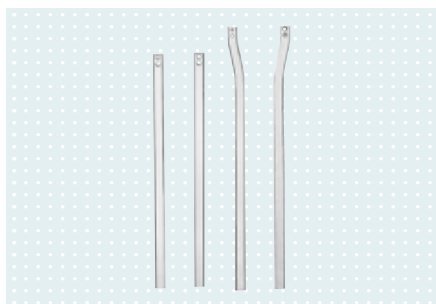
Light metal profile bar

Reference number 605P8

Suitable for fabricating system splints, with rounded edges, strength approx. 400 N/mm²

Technical data

Article number	For system width	Length	Width	Thickness
605P8=16	16 mm	2,000 mm	16 mm	5 mm
605P8=20	20 mm	2,000 mm	20 mm	5 mm



System side bar set

Reference number 17B38

flat, consisting of two 17B4 and 17B4=T upper side bars and one each, left and right, 17B5 and 17B5=T lower side bars, with 636W28 Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B38=16	16 mm	4 mm	Set
17B38=16-T	16 mm	4 mm	Set
17B38=20	20 mm	4 mm	Set
17B38=20-T	20 mm	4 mm	Set



System side bar set

Reference number 17B39

Consisting of two upper side bars and one left and one right lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B39=16	16 mm	5 mm	Set
17B39=20	20 mm	5 mm	Set



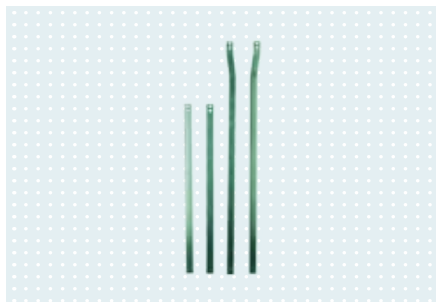
System side Bar set

Reference number 17B85

Concave, consisting of two 17B88 upper side bars and one left and one right 17B89 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B85=16	16 mm	5 mm	Set
17B85=20	20 mm	5 mm	Set



System side bar set

Reference number 17B40

Overlength, flat, consisting of two 17B4 upper side bars and one left and one right 17B102 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B40=16	16 mm	4 mm	Set
17B40=20	20 mm	4 mm	Set



System side bar set

Reference number 17B84

Concave, consisting of two 17B86 upper side bars and one left and one right 17B87 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B84=16	16 mm	4 mm	Set
17B84=20	20 mm	4 mm	Set



System side bar set, extra long

Reference number 17B41

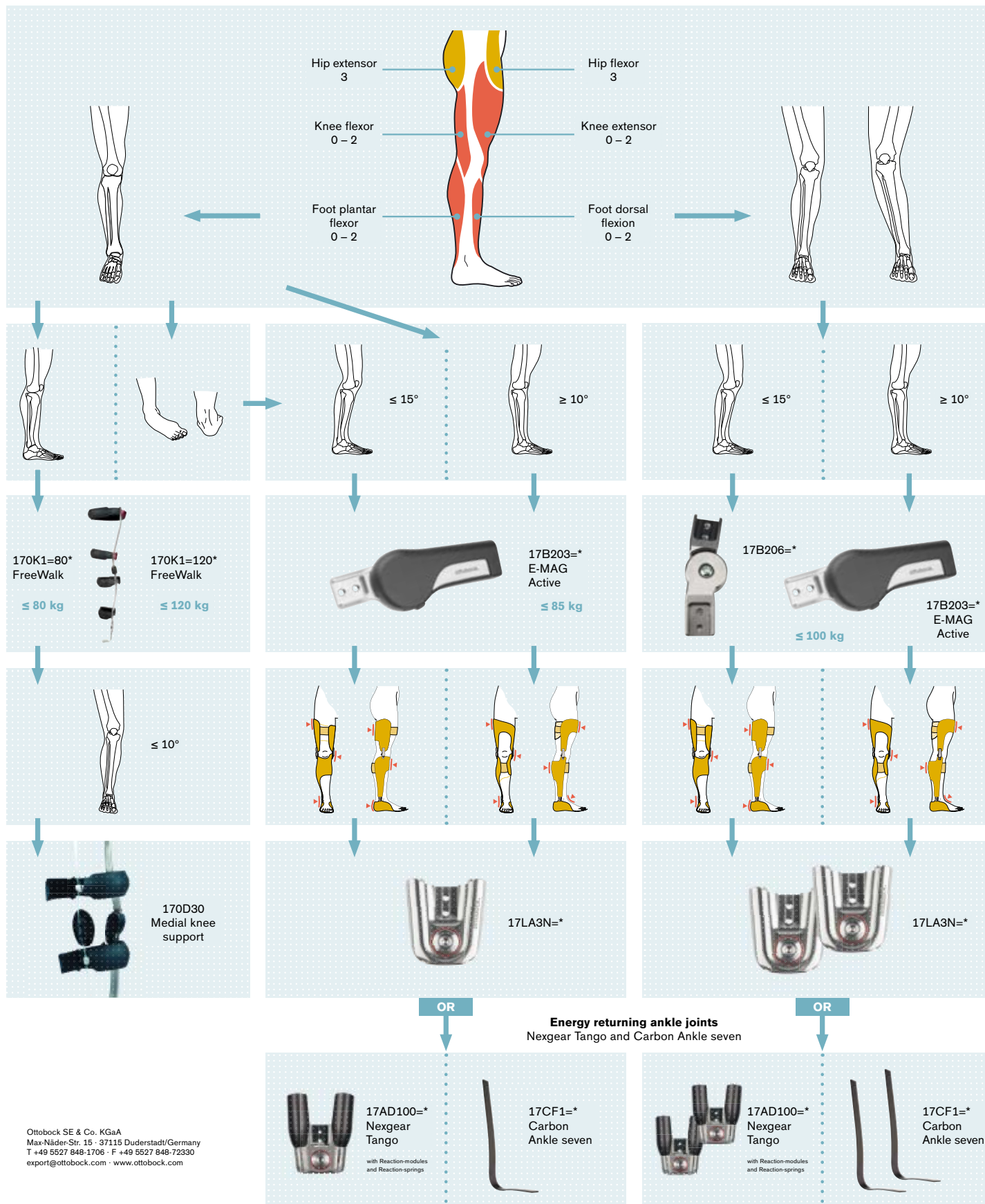
Consisting of two 17B6 upper side bars and one left and one right 17B104 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B41=16	16 mm	5 mm	Set
17B41=20	20 mm	5 mm	Set

KAFO/KO

“SCO” – Stance Control Orthoses – SCO selection tool



Ottobock SE & Co. KGaA
 Max-Näder-Str. 15 · 37115 Duderstadt/Germany
 T +49 5527 848-1706 · F +49 5527 848-72330
 export@ottobock.com · www.ottobock.com



FreeWalk orthotic system

Reference number 170K1

The FreeWalk permits a virtually natural gait as well as more safety and stability for patients with complete or partial paralysis of one leg.

The FreeWalk orthosis is pre-fabricated for the first fitting according to your specifications. The tool kit and datasheets are required to record the measurements needed for the fabrication of the orthosis.

Technical data

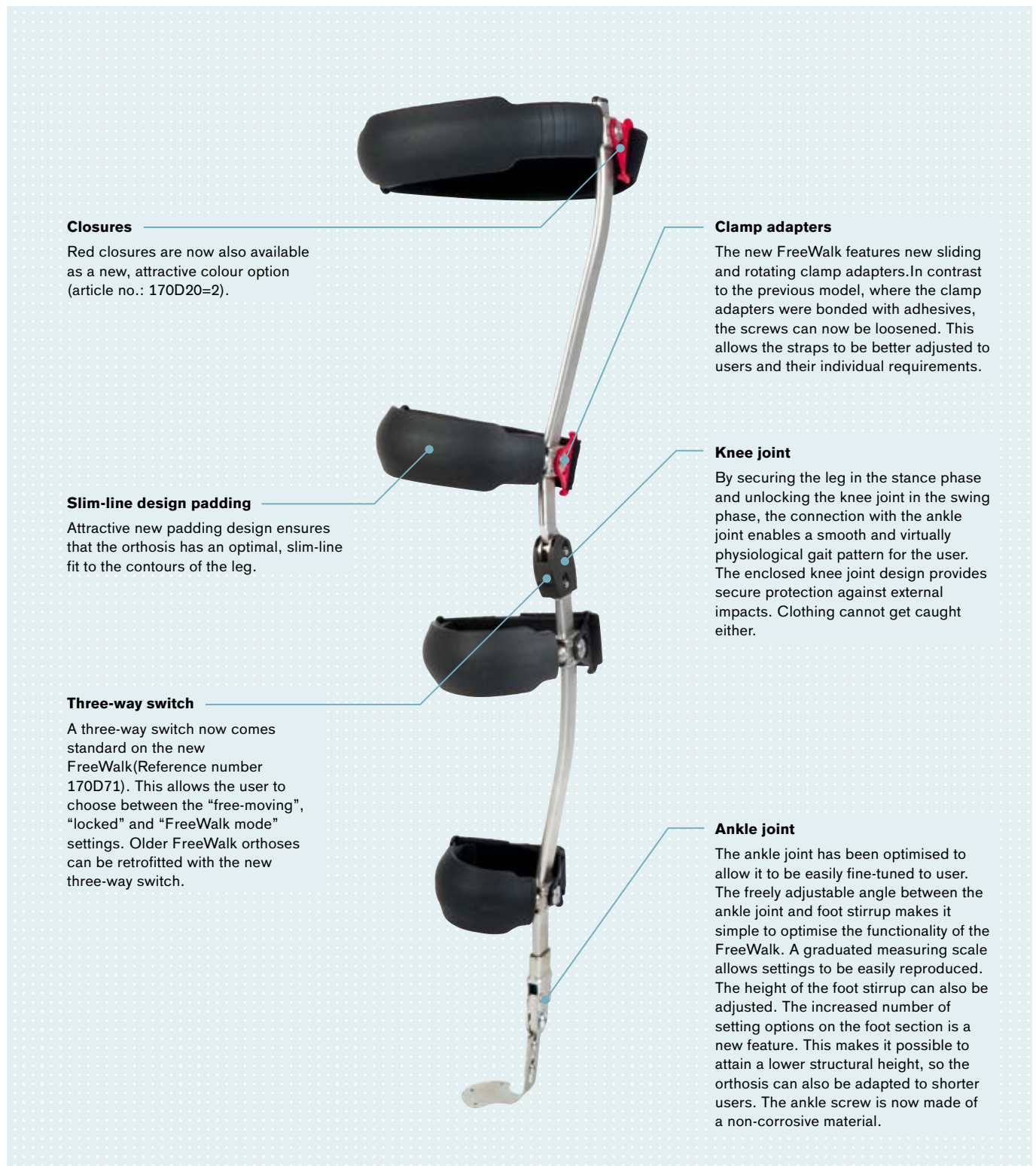
Article number	Side	for patient weight up to	Colour
170K1=L-80-0	left	80 kg	Skin colour
170K1=R-80-0	right	80 kg	Skin colour
170K1=L-80-7	left	80 kg	Black
170K1=R-80-7	right	80 kg	Black
170K1=L-120-0	left	120 kg	Skin colour
170K1=R-120-0	right	120 kg	Skin colour
170K1=R-120-7	right	120 kg	Black
170K1=L-120-7	left	120 kg	Black

Information material

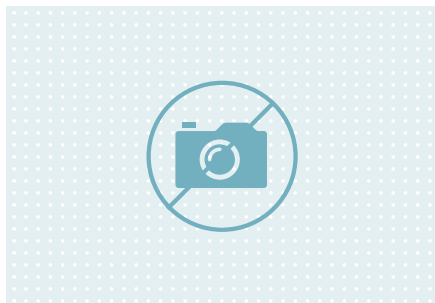
646D1391=EN_INT	SCO information for practitioners
646A214=EN_INT	SCO therapy information
646H11=EN_INT	FreeWalk user flyer
646H23=EN_INT	FreeWalk user information
646F371=ALL_INT	SCO selection guide
646F464=ALL_INT	KAFO selection guide
647G1546=ALL_INT	FreeWalk instructions for use (practitioners)
647H647=ALL_INT	FreeWalk instructions for use (user)
647G1175=ALL_INT	170D71 instructions for use

- On request, you can order a test orthosis on loan in order to carry out a functional test with your patient. Please contact your customer service representative or regional contact person regarding this!
- Please note that the insole must also be sent to us.
- Delivery condition: as shown, but without foot part
- With height-adjustable pad retainers

Secure stance phase – light and inconspicuous



Accessory for 170K1



Medial knee guide

Reference number 170D30

Guiding the knee in the medial direction allows treatment for 5° more valgus deformity.

Technical data

Article number	for patient weight up to	Colour	Quantity unit
170D30=120-7	120 kg	Black	Set
170D30=80-7	80 kg	Black	Set



Tool case

Reference number 170W2

Technical data

Article number	for	Quantity unit
170W2	Measuring and fine-tuning the FreeWalk orthosis	Piece



Calibration set

Reference number 170W23

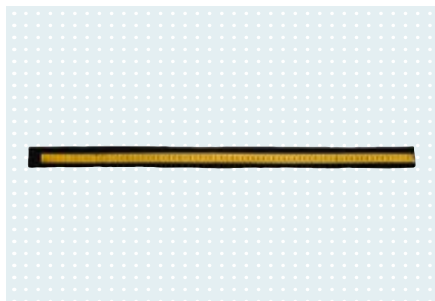
The calibration set makes it possible to order the FreeWalk orthosis using a photo

Technical data

Article number
170W23

Scope of delivery

170W22	Calibration part	1	Piece
170W4	Tension band	1	Piece
623Z20	Velcro Fasteners	1	set



Tension band

Reference number 170W4

Technical data

Article number
170W4



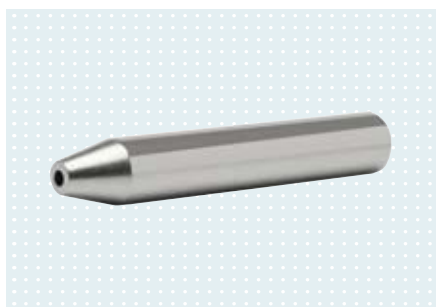
Measuring tape

Reference number 743B4

The Ottobock measuring tape is a double-sided measuring tape with a spring balance and cm/cm graduation.

Technical data

Article number	Length
743B4	1,500 mm



Mounting aid

Reference number 170W14

Technical data

Article number
170W14



Pad retainer bending tool

Reference number 170W12

Technical data

Article number
170W12=1
170W12=2



Frontal contour bending tool

Reference number 170W11

Technical data

Article number
170W11

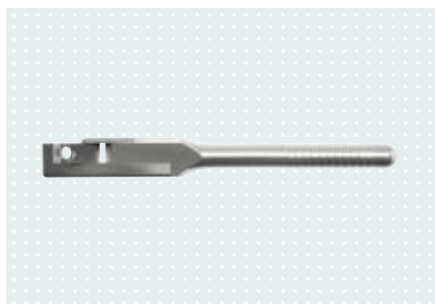


Aluminium threaded jaws

Reference number 170W13

Technical data

Article number
170W13



Bending irons

Reference number 170W18

Technical data

Article number

170W18



Callipers

Reference number 170W19

Technical data

Article number

170W19

Spare parts for 170K1

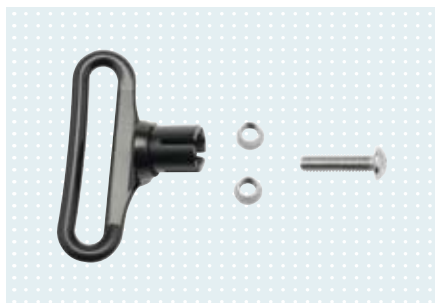


Pad button

Reference number 170D69

Technical data

Article number	Spare part for	Thread	Quantity unit
170D69	170K1=L-80-0 170K1=L-80-7 170K1=L-120-0 170K1=L-120-7 170K1=R-80-0 170K1=R-80-7 170K1=R-120-0 170K1=R-120-7	4	Piece



Strap guide loop with tube connection

Reference number 170D18

Technical data

Article number	Spare part for	Colour	Quantity unit
170D18=120-7	170K1=L-120-7 170K1=R-120-7	Black	Piece
170D18=80-7	170K1=L-80-7 170K1=R-80-7	Black	Piece
170D18=80-0	170K1=L-80-0 170K1=R-80-0	Skin colour	Piece
170D18=120-0	170K1=R-120-0 170K1=L-120-0	Skin colour	Piece



Strap guide loop for pad button

Reference number 170D20

The strap guide loop is used with the 170D17 pad button and prevents the loops from twisting.

Technical data

Article number	Spare part for	Colour	Order unit
170D20=0	170K1=L-80-0 170K1=L-120-0 170K1=R-80-0 170K1=R-120-0	Skin colour	Piece
170D20=7	170K1=L-80-7 170K1=L-120-7 170K1=R-80-7 170K1=R-120-7	Black	Piece



Y-hook-and-loop with PU coating

Reference number 170D29

Technical data

Article number	Spare part for	Width	Colour	Quantity unit
170D29=38-0	170K1=L-80-0 170K1=L-120-0 170K1=R-80-0 170K1=R-120-0	38 mm	Skin colour	Piece
170D29=38-7	170K1=L-80-7 170K1=L-120-7 170K1=R-80-7 170K1=R-120-7	38 mm	Black	Piece

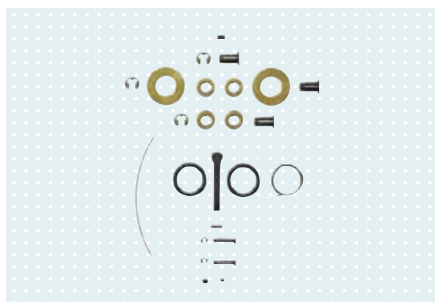


Foam pads

Reference number 170D100

Technical data

Article number	Spare part for	Length	Colour	Quantity unit
170D100=1-0	170K1=L-80-0 170K1=L-120-0 170K1=R-80-0 170K1=R-120-0	large	Skin colour	Piece
170D100=2-0	170K1=L-80-0 170K1=L-120-0 170K1=R-80-0 170K1=R-120-0	Small	Skin colour	Piece
170D100=1-7	170K1=L-80-7 170K1=L-120-7 170K1=R-80-7 170K1=R-120-7	large	Black	Piece
170D100=2-7	170K1=L-80-7 170K1=L-120-7 170K1=R-80-7 170K1=R-120-7	Small	Black	Piece



Maintenance set for FreeWalk

Reference number 170X18

Technical data

Article number	Spare part for	Quantity unit
170X18	170K1=L-80-0 170K1=L-80-7 170K1=L-120-0 170K1=L-120-7 170K1=R-80-0 170K1=R-80-7 170K1=R-120-0 170K1=R-120-7	Set

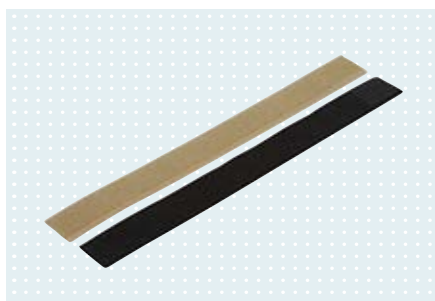


Joint protector

Reference number 170Z120

Technical data

Article number	Spare part for	Colour	Quantity unit
170Z120=0	170K1=L-80-0 170K1=L-120-0 170K1=L-120-7 170K1=R-80-0 170K1=R-120-0 170K1=R-120-7	Skin colour	Set
170Z120=7	170K1=L-80-7 170K1=R-80-7	Black	Set



Hook-and-loop strap

Reference number 170Z4

Technical data

Article number	Spare part for	Length	Width	Colour	Order unit
170Z4=400-0	170K1=L-80-0 170K1=L-120-0 170K1=R-80-0 170K1=R-120-0	400 mm	40 mm	Skin colour	Piece
170Z4=400-7	170K1=L-80-7 170K1=L-120-7 170K1=R-80-7 170K1=R-120-7	400 mm	40 mm	Black	Piece
170Z4=600-0	170K1=L-80-0 170K1=L-120-0 170K1=R-80-0 170K1=R-120-0	600 mm	40 mm	Skin colour	Piece
170Z4=600-7	170K1=L-80-7 170K1=L-120-7 170K1=R-80-7 170K1=R-120-7	600 mm	40 mm	Black	Piece



Maintenance set for lock

Reference number 170Z99

Maintenance set for FreeWalk lock

Technical data

Article number	Spare part for	Quantity unit
170Z99=2	170K1=L-80-0 170K1=L-80-7 170K1=L-120-0 170K1=L-120-7 170K1=R-80-0 170K1=R-80-7 170K1=R-120-0 170K1=R-120-7	Set



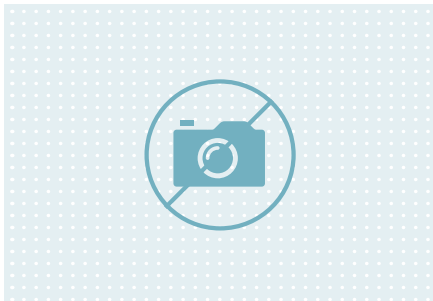
Triple control

Reference number 170D71

For switching the knee joint between the locked, free-moving and stance phase control functions.

Technical data

Article number	Spare part for	for patient weight up to	Colour	Quantity unit
170D71=0	170K1=L-80-0 170K1=L-120-0 170K1=R-80-0 170K1=R-120-0	80/ 120 kg	Skin colour	Piece
170D71=7	170K1=L-80-7 170K1=L-120-7 170K1=R-80-7 170K1=R-120-7	80/ 120 kg	Black	Piece

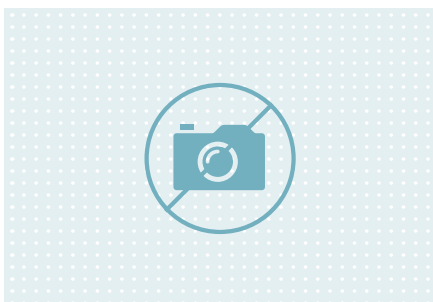


Cap screw, glass bead blasted

Reference number 170D83

Technical data

Article number	Spare part for
170D83=M4X12-TX20	170K1=L-80-0 170K1=L-80-7 170K1=L-120-0 170K1=L-120-7 170K1=R-80-0 170K1=R-80-7 170K1=R-120-0 170K1=R-120-7



Screw with flattened half-round head

Reference number 501F9

Technical data

Article number	Spare part for	Quantity unit
501F9=M6X10-1	170K1=L-80-0 170K1=L-80-7 170K1=L-120-0 170K1=L-120-7 170K1=R-80-0 170K1=R-80-7 170K1=R-120-0 170K1=R-120-7	Piece



Wedge

Reference number 170D73

Technical data

Article number	Spare part for
170D73=120	170K1=L-80-0 170K1=L-80-7 170K1=L-120-0 170K1=L-120-7 170K1=R-80-0 170K1=R-80-7 170K1=R-120-0 170K1=R-120-7



Steel cable for lock

Reference number 170Z96

Technical data

Article number	Spare part for
170Z96	170K1=L-80-0 170K1=L-80-7 170K1=L-120-0 170K1=L-120-7 170K1=R-80-0 170K1=R-80-7 170K1=R-120-0 170K1=R-120-7



Adjustable ankle joint

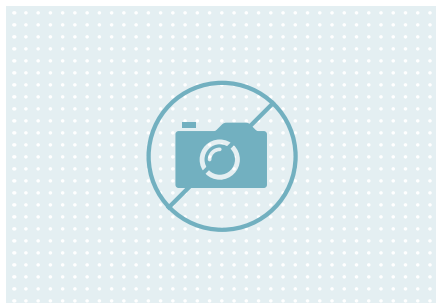
Reference number 170X17N

Ankle joint for the FreeWalk orthosis

Technical data

Article number	Spare part for
170X17N=L	170K1=L-80-0 170K1=L-80-7 170K1=L-120-0 170K1=L-120-7
170X17N=R	170K1=R-80-0 170K1=R-80-7 170K1=R-120-0 170K1=R-120-7

Spare parts for 170X17N

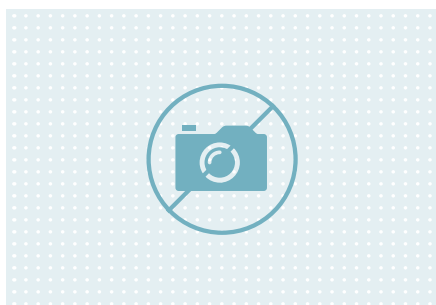


Ankle joint, lower section

Reference number 170C11

Technical data

Article number	Side	Quantity unit
170C11=L	left (L)	Piece
170C11=R	right (R)	Piece

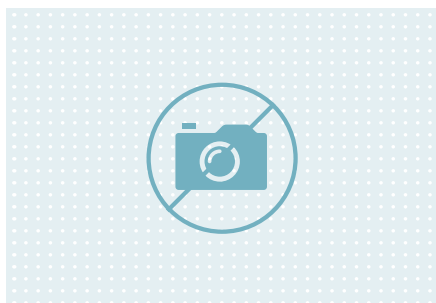


Ankle setting nut

Reference number 170D33

Technical data

Article number
170D33



Threaded plate

Reference number 170D28

Threaded plate for 170X17 adjustable orthotic ankle joint

Technical data

Article number	Quantity unit
170D28	Piece



Foot stirrup, upper section

Reference number 170F14

Technical data

Article number
170F14



Screw with flattened half-round head

Reference number 501F9

Technical data

Article number	Spare part for	Quantity unit
501F9=M6X10-1	170X17N=L 170X17N=R	Piece



Foot stirrup, lower section

Reference number 170F15

Technical data

Article number
170F15



Screw with flattened half-round head

Reference number 501F9

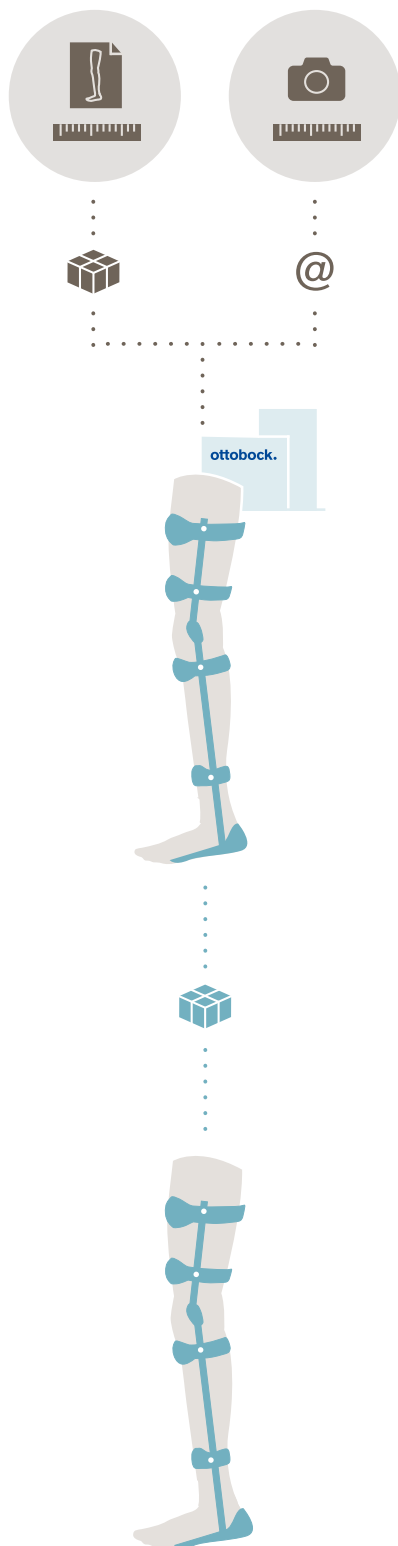
Technical data

Article number	Spare part for	Quantity unit
501F9=M4X4	170X17N=L 170X17N=R	Piece

KAFO/KO

“SCO” – Stance Control Orthoses – FreeWalk orthotic system ordering process

Information on the ordering process



Step 1

Take the patient's measurements (note the 646T5=4 technical information). Please also complete the forms (patient data and measurement form, measurement forms for the outline sketch) included in the 170W2 Free Walk orthosis tool kit (may be obtained on loan for initial fittings).

Ordering option a:

- Send a conventional outline drawing of the patient's leg via regular mail.

Ordering option b:

- Use the newly developed photo measurement process that allows you to conveniently order the orthosis via email. Here, Ottobock Service Fabrication receives your order immediately, which means it can be processed faster. You will need the 170W23 calibration set and the predefined photos to use the photo measurement process.

Please submit all documentation to Ottobock Service Fabrication via email or regular mail.

Step 2

Please submit all forms to Ottobock Service Fabrication. Ottobock Service Fabrication will fabricate a Free Walk orthosis for you, and usually ships it after 5 working days.

Step 3

You receive a Free Walk orthosis with an exact fit, supporting a harmonious gait pattern and secure stance.



E-MAG Active

Reference number 17B203

Functionality

The E-MAG Active is an electronically controlled system knee joint with secured stance phase and free swing phase that works independently from the ankle joint and foot sole. An intelligent sensor system measures the leg position while walking and controls the orthotic joint accordingly. Since the joint is activated independently of the ankle and sole of the foot, patients can take advantage of the functionality offered by the orthotic joint even if they do not have use of the ankle.

The PreLock function further improves safety. It is activated at just 15°, before the knee joint locks at full extension.

Delivery condition

The E-Mag Active is supplied in a case. This contains the entire, coordinated system according to the scope of delivery.



Information material

646D1391=EN_INT	SCO information for practitioners
646A214=EN_INT	SCO therapy information
646H10=EN_INT	E-MAG Active user flyer
647F588=EN_INT	E-MAG Active order form
646F371=ALL_INT	SCO selection guide
646F464=ALL_INT	KAFO selection guide
646D580=EN	Special print – SCO clinical studies
646H17=ALL_INT	Quick start guide for E-MAG Active user
647H648=ALL_INT	E-MAG Active instructions for use (user)
647G1165=ALL_INT	E-MAG Active instructions for use (technicians)

Scope of delivery

30G70	E-MAG Active knee joint	1	Piece
317B3	Control electronics	1	Piece
317L20	Battery charger	1	Piece
317B20	Replaceable battery	2	Piece
317E20	Connecting cable	1	Piece
317R20	Lock unit for battery	1	Piece
30Y140	Cable dummy	1	Piece
21A45	Perlon cable	1	Piece
317X203	Dummy for knee joint	1	Piece
317Z21	Receptacle set	1	Piece
317Z13	Receptacle set (electronics)	1	Piece
317E2	Electronics cable	1	Piece
30G72	E-MAG case with inlays	1	Piece
646H17	E-MAG Active quick start guide for users		
647G1165	E-MAG Active instructions for use (technicians)	1	Piece
647G1164	E-MAG Active instructions for use (users)	1	Piece

Technical data

Article number	Side	Flexion angle
17B203=L	left (L)	5 °
17B203=R	right (R)	5 °
17B203=L-7.5	left (L)	7.5 °
17B203=R-7.5	right (R)	7.5 °

- ⚠ Caution! Please always indicate the serial number of the entire E-MAG Active package when ordering spare parts, especially when ordering electronic components.
- 📄 Certification of competence is recommended for the E-MAG Active and can be obtained using an e-learning tool.

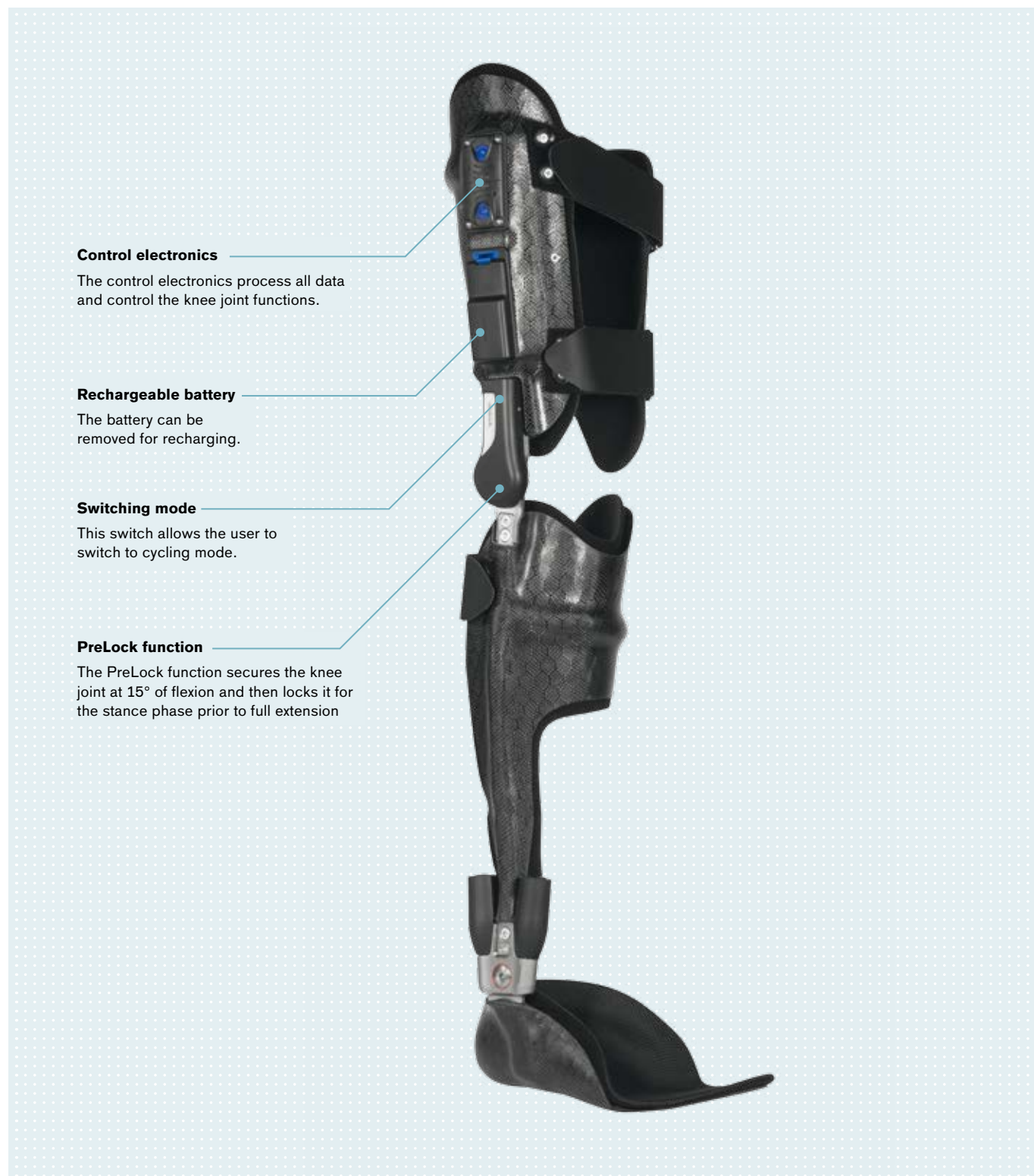
Practical recommendation 17B203

Using the 17B206 medial support increases the maximum allowable body weight to 100 kg.

KAFO/KO

“SCO” – Stance Control Orthoses

Greater mobility in everyday life



Spare parts for 17B203



Dummy for knee joint

Reference number 317X203

Technical data

Article number	Spare part for
317X203=L	17B203=L
317X203=R	17B203=R
317X203=L-7.5	17B203=L-7.5
317X203=R-7.5	17B203=R-7.5



Lock unit for battery

Reference number 317R20

Lock unit for E-MAG Active battery

Technical data

Article number	Spare part for
317R20	17B203=L 17B203=L-7.5 17B203=R 17B203=R-7.5



Connecting cable

Reference number 317E20

Connecting cable for battery

Technical data

Article number	Spare part for	Quantity unit
317E20	17B203=L 17B203=L-7.5 17B203=R 17B203=R-7.5	Piece

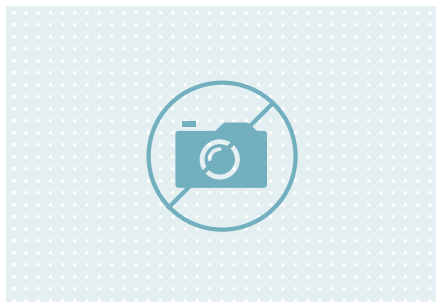


Replaceable battery

Reference number 317B20

Technical data

Article number	Spare part for	Quantity unit
317B20	17B203=L 17B203=L-7.5 17B203=R 17B203=R-7.5	Piece



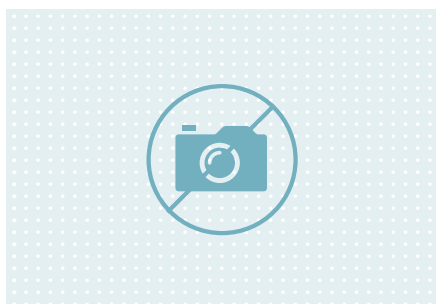
Control electronics

Reference number 317B3

Control electronics unit for the E-MAG Active

Technical data

Article number	Spare part for
317B3	17B203=L 17B203=L-7.5 17B203=R 17B203=R-7.5

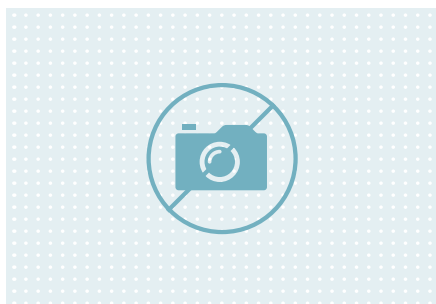


E-MAG Active knee joint

Reference number 30G70

Technical data

Article number	Spare part for
30G70=L	17B203=L
30G70=R	17B203=R
30G70=L-7.5	17B203=L-7.5
30G70=R-7.5	17B203=R-7.5



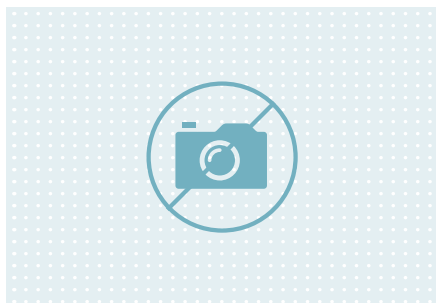
Battery charger

Reference number 317L20

Charger for E-MAG Active

Technical data

Article number	Spare part for	Quantity unit
317L20	17B203=L 17B203=L-7.5 17B203=R 17B203=R-7.5	Piece



Electronics cable

Reference number 317E2

Electronics cable for E-MAG Active

Technical data

Article number	Spare part for	Quantity unit
317E2	17B203=L 17B203=L-7.5 17B203=R 17B203=R-7.5	Piece



Service set

Reference number 17BS203

Service set for the E-MAG Active orthotic knee joint (17B203)

Service set for maintenance of the joint bearing

Technical data

Article number	Spare part for	Quantity unit
17BS203	17B203=L 17B203=L-7.5 17B203=R 17B203=R-7.5	Piece



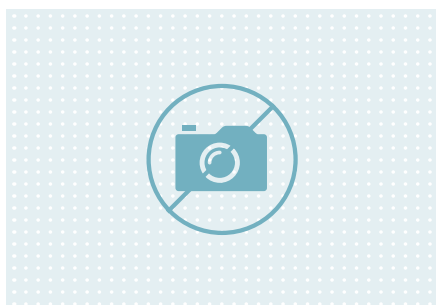
Drive ring

Reference number 30Y438

Drive ring for the E-MAG Active

Technical data

Article number	Spare part for
30Y438	17B203=L 17B203=L-7.5 17B203=R 17B203=R-7.5



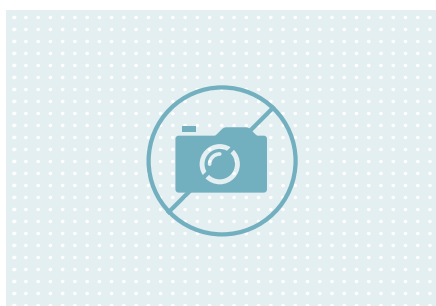
Cable dummy

Reference number 30Y140

Cable dummy for the E-MAG Active

Technical data

Article number	Spare part for
30Y140	17B203=L 17B203=L-7.5 17B203=R 17B203=R-7.5



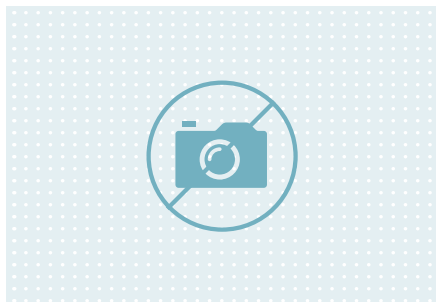
Receptacle set (electronics)

Reference number 317Z13

Receptacle set (electronics), consisting of: electronics receptacle, dummy for receptacle, dummy for electronics

Technical data

Article number	Spare part for
30Y438	17B203=L 17B203=L-7.5 17B203=R 17B203=R-7.5



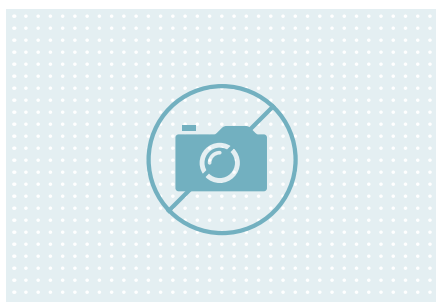
Receptacle set

Reference number 317Z21

Receptacle set, consisting of battery receptacle, dummy for receptacle, dummy for battery

Technical data

Article number	Spare part for	Thread
501S21=M2X5	17B203=L 17B203=L-7.5 17B203=R 17B203=R-7.5	M2

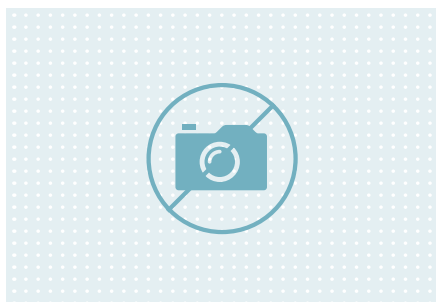


Countersunk screw

Reference number 501S21

Technical data

Article number	Spare part for	Thread
501S21=M2X5	17B203=L 17B203=L-7.5 17B203=R 17B203=R-7.5	M2

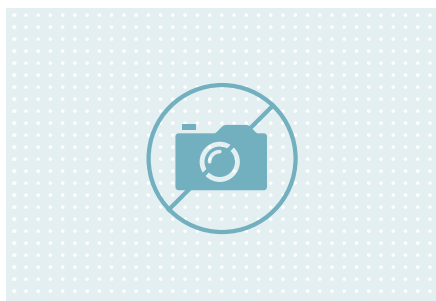


Oval head screw

Reference number 501S72

Technical data

Article number	Spare part for	Thread
501S72=M3X12	17B203=L 17B203=L-7.5 17B203=R 17B203=R-7.5	M3



Hexagon nut

Reference number 502S27

Technical data

Article number	Spare part for
502S27=M3	17B203=L 17B203=L-7.5 17B203=R 17B203=R-7.5



Universal power supply

Reference number 757L16

Technical data

Article number

757L16-2



Cover for E-MAG Active joint unit

Reference number 317D2

Cover for the E-MAG Active joint unit

Technical data

Article number	Spare part for	Side
317D2=L	17B203=L 17B203=L-7.5	left (L)
317D2=R	17B203=R 17B203=R-7.5	right (R)



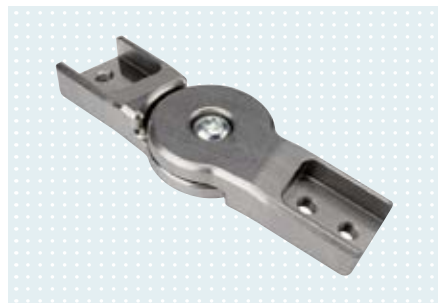
Countersunk head Torx screw

Reference number 501S137

Technical data

Article number	Spare part for	Quantity unit
501S137=M5X10	17B203=L 17B203=L-7.5 17B203=R 17B203=R-7.5	Piece

Accessory for 17B203



Medial support

Reference number 17B206

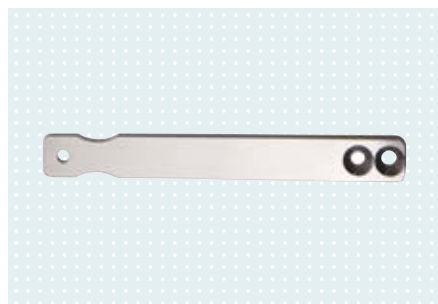
Includes lamination dummy

Technical data

Article number	Max. body weight	Quantity unit
17B206	100 kg	Piece
17B206=7.5	100 kg	Piece

Information material

646F464=ALL_INT	KAFO selection guide
647G1182	17B206 instructions for use



Lamination bar

Reference number 17LS3



Technical data

Article number	Length	Width	Thickness	Material	Quantity unit
17LS3=16	130 mm	16 mm	6 mm bottom/ 3 mm top	Stainless steel	Piece

“SCO” – Stance Control Orthoses – E-MAG Active order form

Customer		Shipping address (if different from customer address)	
Customer no.	<input type="text"/>	Customer no.	<input type="text"/>
Company	<input type="text"/>	Company	<input type="text"/>
Street	<input type="text"/>	Street	<input type="text"/>
Postal code/city	<input type="text"/>	Postal code/city	<input type="text"/>
O&P professional	<input type="text"/>	Com.	<input type="text"/>

User information

Last name, first name:

Age:

Weight:

Side: Left Right

Indication:

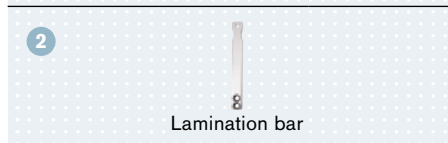
The size chosen depends on the patient's weight and the conditions of use. The joint can also be ordered with an extension stop of 7.5 degrees for patients with a minor knee extension deficit (up to max. 10°). Please enter the required quantity in the field provided.

Unilateral fitting (up to 85 kg)



1 E-MAG Active

17B203=R or 17B203=R7.5
 17B203=L 17B203=L7.5



2 Lamination bar

17LS3=16
 17LS3=16-T



3 Nexgear Tango

A Base body

17AD100=16 or
 17AD100=16-T

B Reaction-module

17AD100A=HS-16

C Reaction-spring

17AD100A=HS-20-1 (strong)
 17AD100A=HS-20-2 (extra strong)



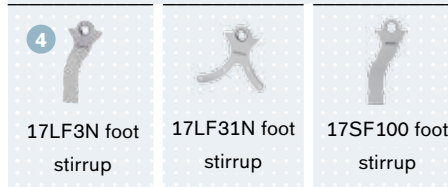
3 Unilateral ankle joint

17LA3N=16
 17LA3N=16-T



3 Carbon Ankle seven




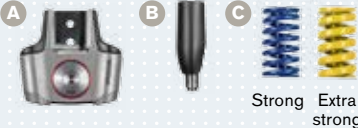





17CF1



17LF3N=16 or 17LF31N=16

4 Foot stirrup (Nexgear Tango)

17SF100=OS-16

Bilateral fitting (up to 100 kg)		
1  E-MAG Active	 Medial support	1 E-MAG Active <input type="checkbox"/> 17B203=R or <input type="checkbox"/> 17B203=R7.5 <input type="checkbox"/> 17B203=L <input type="checkbox"/> 17B203=L7.5
		1 Medial support <input type="checkbox"/> 17B206 <input type="checkbox"/> 17B206=7.5
2  Lamination bar		2 Lamination bar <input type="checkbox"/> 17LS3=16 <input type="checkbox"/> 17LS3=16-T
3  Nexgear Tango Strong Extra strong		3 Nexgear Tango A Base body <input type="checkbox"/> 17AD100=16 or <input type="checkbox"/> 17AD100=16-T
		B Reaction-module <input type="checkbox"/> 17AD100A=HS-16
		C Reaction-spring <input type="checkbox"/> 17AD100A=HS-20-1 (strong) <input type="checkbox"/> 17AD100A=HS-20-2 (extra strong)
 Unilateral ankle joint		OR
		3 Unilateral ankle joint <input type="checkbox"/> 17LA3N=16 <input type="checkbox"/> 17LA3N=16-T
 Carbon Ankle seven		OR
		3 Carbon Ankle seven <input type="checkbox"/> 17CF1
4  17LF3N foot stirrup	 17LF31N foot stirrup	 17SF100 foot stirrup
		4 Foot stirrup (17LA3N unilateral ankle joint) <input type="checkbox"/> 17LF3N=16 or <input type="checkbox"/> 17LF31N=16
		4 Foot stirrup (Nexgear Tango) <input type="checkbox"/> 17SF100=OS-16



Knee joint with 4-in-1 option ring lock

Reference number 17KL40

Four options in one knee joint

- Automatic ring lock
- Manual ring lock
- Ring lock with lever (17KL19=2 Duchenne bow kit)
- Free motion



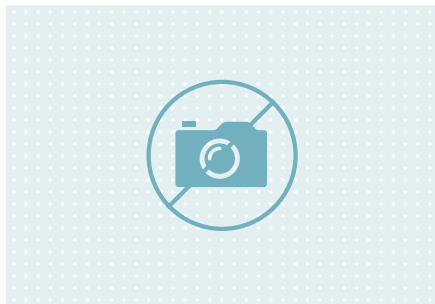
Technical data

Article number	Upper/lower bar length	Bar width	Joint bar thickness	Bar material	Quantity unit
17KL40=13	310/480 mm	13 mm	5 mm	Stainless steel	Pair
17KL40=13-A	310/ 480 mm	13 mm	5 mm	Aluminium	Pair
17KL40=16	400/ 560 mm	16 mm	5 mm	Stainless steel	Pair
17KL40=16-A	400/ 560 mm	16 mm	5 mm	Aluminium	Pair
17KL40=20	400/ 560 mm	20 mm	5 mm	Stainless steel	Pair
17KL40=20-A	400/ 560 mm	20 mm	5 mm	Aluminium	Pair

- Automatic = a spring presses the ring lock into the locked position
- Manual = the ring lock must be manually moved into the locked position

Information material	
646D1279=EN_INT	Conventional joint bar system information for practitioners
647G221=ALL_INT	17KF10/17KL20/17KL40 instructions for use

Spare parts for 17KL40



Service set

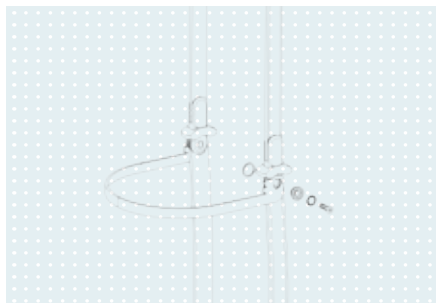
Reference number 17KS=8

Service set for 17KL40

Technical data

Article number	Scope of delivery
17KS=8	Bearing nut Bushing Flat round disk with slot Truss head screw with slot Red washerSpring tappe Compression spring Face plate

Accessory for 17KL40



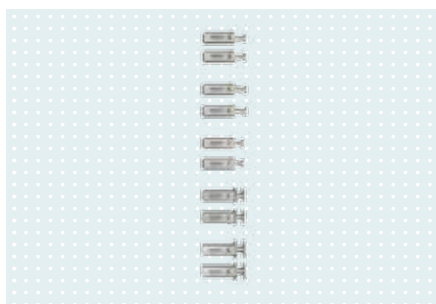
Duchenne bow kit

Reference number 17KL19

Named after Duchenne muscular dystrophy, because flexion contractures occur at an early stage with patients affected by this disease. The ring lock connection with the bow ensures that the joint is easy to release, even under heavy flexion load, but is secure under load when closed.

Technical data

Article number	Accessories for
17KL19=2	17KL40=13 17KL40=13-A 17KL40=16 17KL40=16-A 17KL40=20 17KL40=20-A

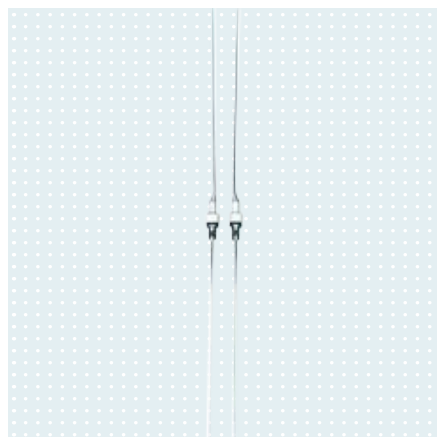


Alignment insert set

Reference number 743Y57

Technical data

Article number	Accessories for
743Y57	17KL40=13 17KL40=13-A 17KL40=16 17KL40=16-A 17KL40=20 17KL40=20-A



Knee joint bar for children

Reference number 17K29

Locked joint bar with manual ring lock, flat bar profile



Technical data

Article number	Milled head Ø	Upper/lower bar length	Bar width	Joint bar thickness	Material	Quantity unit
17K29=4	20 mm	410 / 390 mm	16 mm	3 mm	Stainless steel	Pair
17K29=5	18 mm	300 / 320 mm	14 mm	3 mm	Stainless steel	Pair
17K29=6	16 mm	220 / 250 mm	12 mm	3 mm	Stainless steel	Pair

Information material

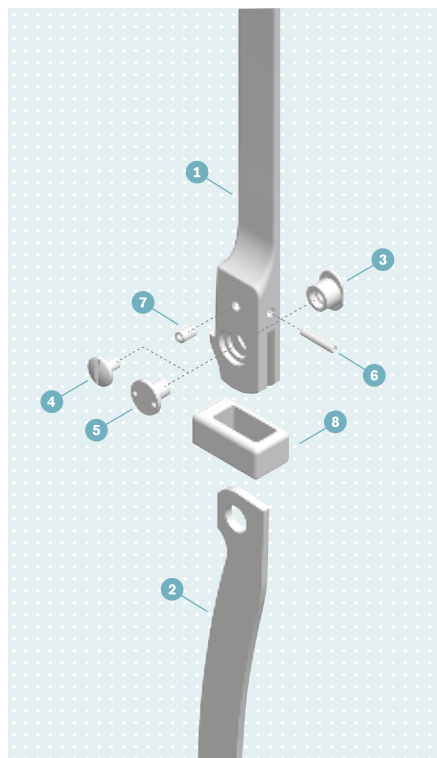
647G2=ALL_INT	Instructions for use – system/leg bars
647G95=ALL_INT	501D1 instructions for use



Practical recommendation 17K29

The following shoulder screws can be used with the 17K29/32/33/34/42 joint bars for children: 501A1=12x6xM4

Spare parts for 17K29



(1) Knee joint bar, upper section

Reference number 17X7

Technical data

Article number	Spare part for	Side	Material	Quantity unit
17X7=L4	17K29=4	left	Stainless steel	Piece
17X7=R4	17K29=4	right	Stainless steel	Piece
17X7=L5	17K29=5	left	Stainless steel	Piece
17X7=R5	17K29=5	right	Stainless steel	Piece
17X7=L6	17K29=6	left	Stainless steel	Piece
17X7=R6	17K29=6	right	Stainless steel	Piece

(2) Knee joint bar, lower section

Reference number 17U7

Technical data

Article number	Spare part for	Material	Quantity unit
17U7=4	17K29=4	Stainless steel	Piece
17U7=5	17K29=5	Stainless steel	Piece
17U7=6	17K29=6	Stainless steel	Piece

(3) Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	Spare part for	Insertion length	Profile length	Shank length	Thread	Shoulder Ø	Quantity unit
17Y93=6X6.7XM4	17K29=5 17K29=6	5.45 mm	12 mm	6.7 mm	M4	6 mm	Piece
17Y93=6.5X6.7XM4	17K29=5 17K29=6	5.45 mm	12 mm	6.7 mm	M4	6.5 mm	Piece
17Y93=7X6.7XM4	17K29=5 17K29=6	5.45 mm	12 mm	6.7 mm	M4	7 mm	Piece
17Y93=9X7.2XM6	17K29=4	6 mm	14 mm	7.2 mm	M6	9 mm	Piece
17Y93=9X9.2XM6	17K29=4	8 mm	14 mm	9.2 mm	M6	9 mm	Piece
17Y93=9.5X7.2XM6	17K29=4	6 mm	14 mm	7.2 mm	M6	9.5 mm	Piece
17Y93=10X7.2XM6	17K29=4	6 mm	14 mm	7.2 mm	M6	10 mm	Piece

(4) Slotted truss head screw

Reference number 501S32

Technical data

Article number	Spare part for	Head Ø	Length	Thread	Material	Quantity unit
501S32=M4X10X9.5	17K29=5 17K29=6	10 mm	9.5 mm	M4	Stainless steel	Piece

(5) Two-hole screw

Reference number 501S34

Technical data

Article number	Spare part for	Material	Quantity unit
501S34=M6	17K29=4	Stainless steel	Piece

(6) Clamping sleeve

Reference number 506S1

Technical data

Article number	Quantity unit
506S1=3X14	Piece

(7) Spring-loaded thrust piece

Reference number 501D1

Technical data

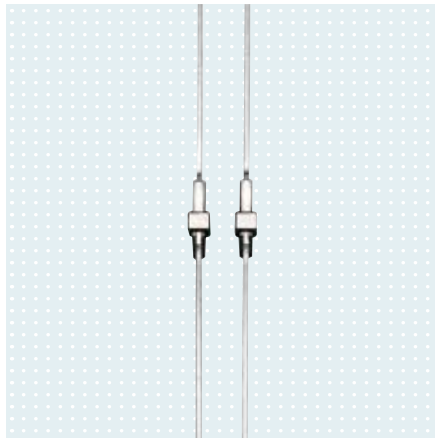
Article number	Spare part for	Material	Quantity unit
501D1	17K29=4 17K29=5 17K29=6	Stainless steel	Piece

(8) Ring lock

Reference number 17Y13

Technical data

Article number	Spare part for	Material	Quantity unit
17Y13=4	17K29=4	Stainless steel	Piece
17Y13=5	17K29=5 17K29=6	Stainless steel	Piece



Information material

647G2=ALL_INT

Instructions for use –
system/leg bars

Knee joint bar for children

Reference number 17K42

Locked knee joint bar with manual ring lock, flat bar profile, upper and lower sections made of aluminium, joint made of stainless steel



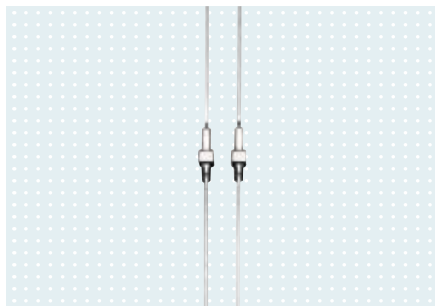
Technical data

Article number	Milled head Ø	Upper/lower bar length	Bar width	Joint bar thickness	Material	Quantity unit
17K42=4	20 mm	410 / 390 mm	16 mm	3 mm	Stainless steel, Aluminium	Pair
17K42=5	18 mm	300 / 320 mm	14 mm	3 mm	Stainless steel, Aluminium	Pair
17K42=6	16 mm	220 / 250 mm	12 mm	3 mm	Stainless steel, Aluminium	Pair

i Practical recommendation 17K42

The following shoulder screws can be used with the 17K29, 17K32, 17K33, 17K34 and 17K42 joint bars for children: 501A1=12x6xM4

Spare parts for 17K42



Knee joint bar, upper section

Reference number 17X1

Technical data

Article number	Spare part for	Side	Material	Quantity unit
17X1=L4	17K42=4	left (L)	Aluminium	Piece
17X1=R4	17K42=4	right (R)	Aluminium	Piece
17X1=L5	17K42=5	left (L)	Aluminium	Piece
17X1=R5	17K42=5	right (R)	Aluminium	Piece
17X1=L6	17K42=6	left (L)	Aluminium	Piece
17X1=R6	17K42=6	right (R)	Aluminium	Piece

Knee joint bar, lower section

Reference number 17U11

Technical data

Article number	Spare part for	Material	Quantity unit
17U11=4	17K42=4	Aluminium	Piece
17U11=5	17K42=5	Aluminium	Piece
17U11=6	17K42=6	Aluminium	Piece



Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	Spare part for	Insertion length	Profile length	Shank length	Thread	Attachment Ø	Quantity unit
17Y93=6X6.7XM4	17K42=5 17K42=6	5.45 mm	12 mm	6.7 mm	M4	6 mm	Piece
17Y93=6.5X6.7XM4	17K42=5 17K42=6	5.45 mm	12 mm	6.7 mm	M4	6.5 mm	Piece
17Y93=7X6.7XM4	17K42=5 17K42=6	5.45 mm	12 mm	6.7 mm	M4	7 mm	Piece
17Y93=9X7.2XM6	17K42=4	6 mm	14 mm	7.2 mm	M6	9 mm	Piece
17Y93=9.5X7.2XM6	17K42=4	6 mm	14 mm	7.2 mm	M6	9.5 mm	Piece
17Y93=10X7.2XM6	17K42=4	6 mm	14 mm	7.2 mm	M6	10 mm	Piece

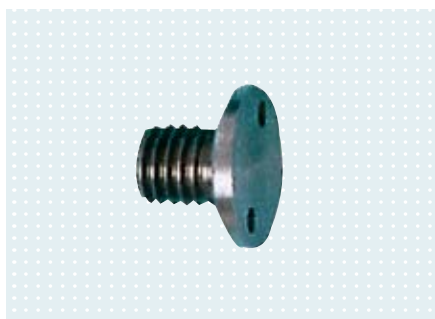


Slotted truss head screw

Reference number 501S32

Technical data

Article number	Spare part for	Head Ø	Length	Thread	Material	Quantity unit
501S32=M4X10X9.5	17K42=5 17K42=6	10 mm	9.5 mm	M4	Stainless steel	Piece

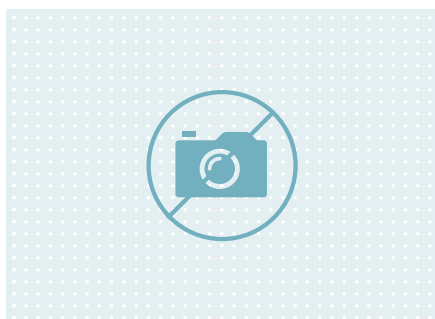


Two-hole screw

Reference number 501S34

Technical data

Article number	Spare part for	Material	Quantity unit
501S34=M6	17K42=4	Stainless steel	Piece



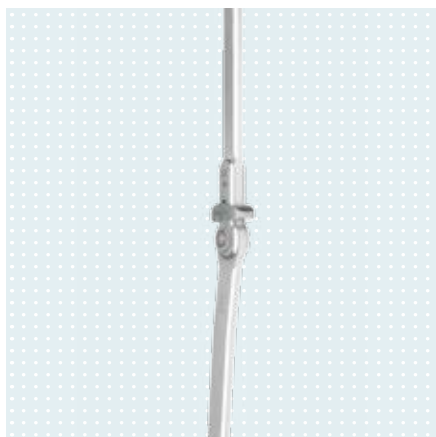
Ring lock

Reference number 17Y13

Ring lock for knee joints

Technical data

Article number	Spare part for	Material	Quantity unit
17Y13=4	17K42=4	Stainless steel	Piece
17Y13=5	17K42=5 17K42=6	Stainless steel	Piece



Knee joint with ring lock

Reference number 17KL6

Straight medial and lateral joints, with automatic ring lock



Technical data

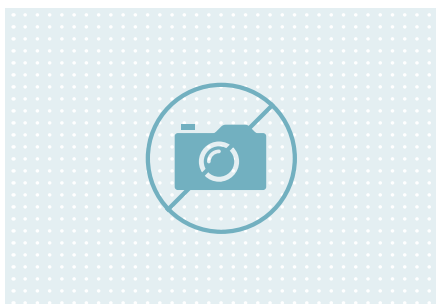
Article number	Upper/lower bar length	Bar width	Joint bar thickness	Bar material	Quantity unit
17KL6=13-A	300 / 500 mm	13 mm	5 mm	Aluminium	Pair
17KL6=13-CS	300 / 500 mm	13 mm	5 mm	Steel	Pair
17KL6=16-A	400 / 570 mm	16 mm	6,35 mm	Aluminium	Pair
17KL6=16-CS	400 / 570 mm	16 mm	5 mm	Steel	Pair

- Automatic = a spring presses the ring lock into the locked position

Information material

646D1279=EN_INT	Conventional joint bar system information for practitioners
647G1318	17KL6/17KL7/17KL8/17KL9 instructions for use

Spare parts for 17KL6

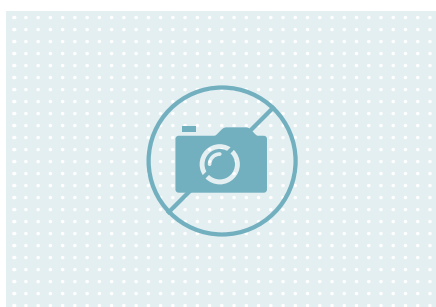


Service set

Reference number 17KS=6

Technical data

Article number	Spare part for	Scope of delivery
17KS=6	17KL6=13-A	Bearing nut Bushing Face plate Flat round disk with slot Red washer Compression spring Truss head screw with slot Spring-loaded thrust piece



Service set

Reference number 17KHS=3

Service set for hip and knee joints

Technical data

Article number	Spare part for	Scope of delivery
17KHS=3	17KL6=13-CS 17KL6=15-CS	Bearing nut Bushing Flat round disk with slot Red washer Compression spring Truss head screw with slot Spring-loaded thrust piece



Service set

Reference number 17KS=4

Technical data

Article number	Spare part for	Scope of delivery
17KS=4	17KL6=16-A	Bearing nut Bushing Face plate Flat round disk with slot Red washer Compression spring Truss head screw with slot Spring-loaded thrust piece



Service set

Reference number 17KHS=2

Service set for hip and knee joints

Technical data

Article number	Spare part for	Scope of delivery
17KHS=2	17KL6=16-CS	Bearing nut Bushing Flat round disk with slot Red washer Compression spring russ head screw with slot Spring-loaded thrust piece

Accessory for 17KL6



Alignment insert set

Reference number 743Y57

Technical data

Article number	Accessories for
743Y57	17KL6=16-CS 17KL6=16-A 17KL6=13-A 17KL6=13-CS



Chailey kit

Reference number 17KL19

Bow for unlocking the 17KL6=* ring lock joints

Technical data

Article number	Accessories for
17KL19=3	17KL6=16-CS 17KL6=16-A
17KL19=5	17KL6=13-A 17KL6=13-CS



Knee joint with ring lock

Reference number 17KL7

Straight medial and lateral joints, with manual ring lock



Technical data

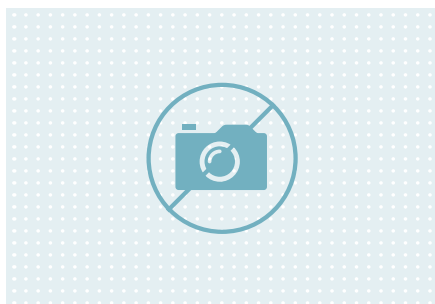
Article number	Upper/lower bar length	Bar width	Joint bar thickness	Bar material	Quantity unit
17KL7=13-A	300 / 500 mm	13 mm	5 mm	Aluminium	Pair
17KL7=13-CS	300 / 500 mm	13 mm	5 mm	Steel	Pair
17KL7=16-A	400 / 570 mm	16 mm	6,35 mm	Aluminium	Pair
17KL7=16-CS	400 / 570 mm	16 mm	5 mm	Steel	Pair

- Manual = the ring lock must be manually moved into the locked position

Information material

646D1279=EN_INT	Conventional joint bar system information for practitioners
647G1318	17KL6/17KL7/17KL8/17KL9 instructions for use

Spare parts for 17KL7



Service set

Reference number 17KS=6

Technical data

Article number	Spare part for	Scope of delivery
17KS=6	17KL7=13-A	Bearing nut Bushing Face plate Flat round disk with slot Red washer Compression spring Truss head screw with slot Spring-loaded thrust piece



Service set

Reference number 17KHS=3

Service set for hip and knee joints

Technical data

Article number	Spare part for	Scope of delivery
17KHS=3	17KL7=13-CS 17KL7=15-CS	Bearing nut Bushing Flat round disk with slot Red washer Compression spring Truss head screw with slot Spring-loaded thrust piece



Service set

Reference number 17KS=4

Technical data

Article number	Spare part for	Scope of delivery
17KS=4	17KL7=16-A	Bearing nut Bushing Face plate Flat round disk with slot Red washer Compression spring Truss head screw with slot Spring-loaded thrust piece



Service set

Reference number 17KHS=2

Service set for hip and knee joints

Technical data

Article number	Spare part for	Scope of delivery
17KHS=2	17KL7=16-CS	Bearing nut Bushing Flat round disk with slot Red washer Compression spring Truss head screw with slot Spring-loaded thrust piece

Accessory for 17KL7

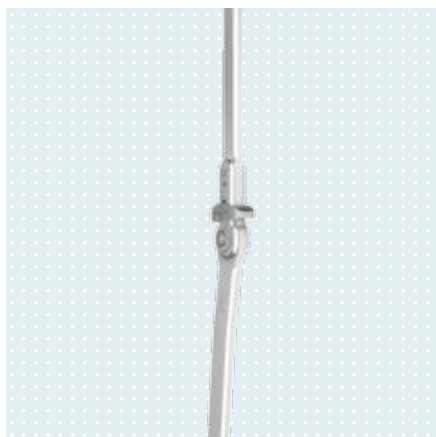


Alignment insert set

Reference number 743Y57

Technical data

Article number	Accessories for
743Y57	17KL7=13-A 17KL7=13-CS 17KL7=16-CS 17KL7=16-A



Knee joint with ring lock

Reference number 17KL8

Straight medial and lateral joints, with automatic ring lock
Reinforced version of the 17KL6 knee joint



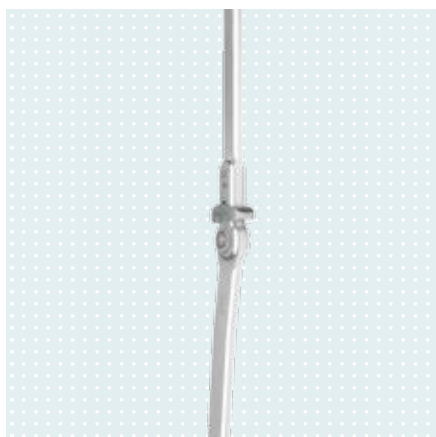
Technical data

Article number	Upper/lower bar length	Bar width	Joint bar thickness	Bar material	Quantity unit
17KL8=16-CS	400 / 570 mm	16 mm	6,35 mm	Steel	Pair
17KL8=20-CS	400 / 570 mm	20 mm	7 mm	Steel	Pair

- Automatic = a spring presses the ring lock into the locked position

Information material

646D1279=EN_INT	Conventional joint bar system information for practitioners
647G1318	17KL6/17KL7/17KL8/17KL9 instructions for use



Knee joint with ring lock

Reference number 17KL9

Straight medial and lateral joints, with manual ring lock
Reinforced version of the 17KL7 knee joint



Technical data

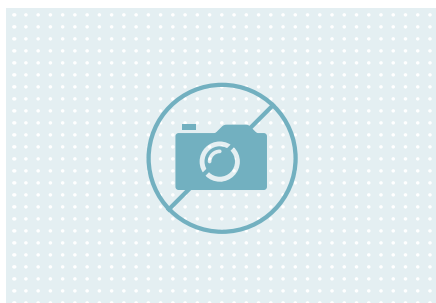
Article number	Upper/lower bar length	Bar width	Joint bar thickness	Bar material	Quantity unit
17KL9=16-CS	400 / 570 mm	16 mm	6,35 mm	Steel	Pair
17KL9=20-CS	400 / 570 mm	20 mm	7 mm	Steel	Pair

- Manual = the ring lock must be manually moved into the locked position

Information material

646D1279=EN_INT	Conventional joint bar system information for practitioners
647G1318	17KL6/17KL7/17KL8/17KL9 instructions for use

Spare parts for 17KL8, 17KL9

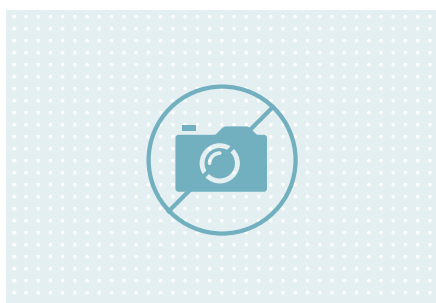


Service set

Reference number 17KS=1

Technical data

Article number	Spare part for	Scope of delivery
17KS=1	17KL8=16-CS 17KL9=16-CS	Bearing nut Bushing Flat round disk with slot Red washer Compression spring Truss head screw with slot Spring-loaded thrust piece



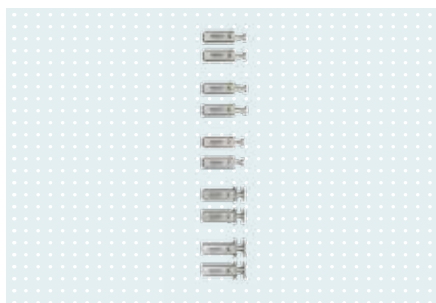
Service set

Reference number 17KS=7

Technical data

Article number	Spare part for	Scope of delivery
17KS=7	17KL8=20-CS 17KL9=20-CS	Bearing nut Bushing Flat round disk with slot Red washer Compression spring Truss head screw with slot

Accessory for 17KL8, 17KL9



Alignment insert set

Reference number 743Y57

Technical data

Article number	Accessories for
743Y57	17KL8=16-CS 17KL8=20-CS 17KL9=16-CS 17KL9=20-CS



Knee joint bar for children

Reference number 17K34

With open Swiss lock, flat bar profile



Technical data

Article number	Upper/lower bar length	Bar width	Joint bar thickness	Joint head Ø	Material	Quantity unit
17K34=6	220 / 250 mm	12 mm	3 mm	16 mm	Stainless steel	Pair
17K34=5	300 / 320 mm	14 mm	3 mm	18 mm	Stainless steel	Pair
17K34=4	410 / 390 mm	16 mm	3 mm	20 mm	Stainless steel	Pair

Information material

647G2=ALL_INT

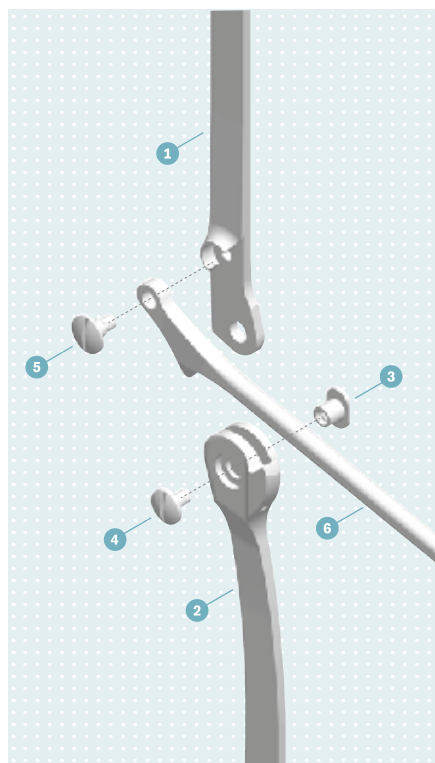
Instructions for use – system/leg bars



Practical recommendation 17K34

The following shoulder screws can be used with the 17K29, 17K32, 17K33, 17K34 and 17K42 joint bars for children: 501A1=12x6xM4

Spare parts for 17K34



(1) Knee joint bar, upper section

Reference number 17X10

Technical data

Article number	Spare part for	Side	Material	Quantity unit
17X10=L6	17K34=6	left (L)	Stainless steel	Piece
17X10=R6	17K34=6	right (R)	Stainless steel	Piece
17X10=L5	17K34=5	left (L)	Stainless steel	Piece
17X10=R5	17K34=5	right (R)	Stainless steel	Piece
17X10=L4	17K34=4	left (L)	Stainless steel	Piece
17X10=R4	17K34=4	right (R)	Stainless steel	Piece

(2) Knee joint bar, lower section

Reference number 17U10

Technical data

Article number	Spare part for	Side	Material	Quantity unit
17U10=L6	17K34=6	left (L)	Stainless steel	Piece
17U10=R6	17K34=6	right (R)	Stainless steel	Piece
17U10=L5	17K34=5	left (L)	Stainless steel	Piece
17U10=R5	17K34=5	right (R)	Stainless steel	Piece
17U10=L4	17K34=4	left (L)	Stainless steel	Piece
17U10=R4	17K34=4	right (R)	Stainless steel	Piece

(3) Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	17K34=5 17K34=6	Insertion length	Profile length	Shank length	Thread	Shoulder Ø	Quantity unit
17Y93=6X6.7XM4	17K34=5 17K34=6	5.45 mm	12 mm	6.7 mm	M4	6 mm	Piece
17Y93=6.5X6.7XM4	17K34=5 17K34=6	5.45 mm	12 mm	6.7 mm	M4	6.5 mm	Piece
17Y93=7X6.7XM4	17K34=4	5.45 mm	12 mm	6.7 mm	M4	7 mm	Piece
17Y93=9X7.2XM6	17K34=4	6 mm	14 mm	7.2 mm	M6	9 mm	Piece
17Y93=9.5X7.2XM6	17K34=4	6 mm	14 mm	7.2 mm	M6	9.5 mm	Piece
17Y93=10X7.2XM6	17K34=4	6 mm	14 mm	7.2 mm	M6	10 mm	Piece

(4) Slotted truss head screw

Reference number 501S32

Technical data

Article number	Spare part for	Head Ø	Length	Thread	For system width	Material	Quantity unit
501S32=M4X10X9.5	17K34=5 17K34=6	10 mm	9.5 mm	M4	16 mm	Stainless steel	Piece
501S32=M6X14X10	17K34=4	14 mm	10 mm	M6	20/16 mm	Stainless steel	Piece

(5) Oval head screw, slotted and partially threaded

Reference number 501A11

Technical data

Article number	Spare part for	Thread	Attachment Ø	Head Ø	Material	Quantity unit
501A11=11X5XM4	17K34=5 17K34=6	M4	5 mm	11 mm	Stainless steel	Piece

(6) Lock lever

Reference number 17Y37

Technical data

Article number	Side	Material	Quantity unit
17Y37=L	left (L)	Stainless steel	Piece
17Y37=R	right (R)	Stainless steel	Piece

(7) Lock lever

Reference number 17Y57

Technical data

Article number	Side	For system width	Material	Quantity unit
17Y57=L	left (L)	16 and 20 mm	Stainless steel	Piece
17Y57=R	right (R)	16 and 20 mm	Stainless steel	Piece



Knee joint with open Swiss lock

Reference number 17KL30

Straight medial and lateral joints, with open Swiss lock

- Easy to unlock
- Lever included



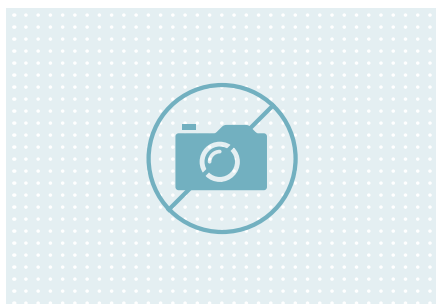
Technical data

Article number	Upper/lower bar length	Bar width	Joint bar thickness	Bar material	Quantity unit
17KL30=16-CS	400 / 570 mm	16 mm	5 mm	Steel	Pair
17KL30=20-A	400 / 570 mm	20 mm	5 mm	Aluminium	Pair

Information material

646D1279=EN_INT	Conventional joint bar system information for practitioners
647G1321	17KL30 instructions for use

Spare parts for 17KL30



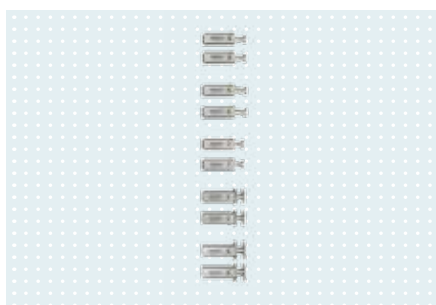
Service set

Reference number 17KS=14

Technical data

Article number	Spare part for	Scope of delivery
17KS=14	17KL30=16-CS 17KL30=20-A	Flat round disk with slot Red washer Bearing nut Bushing Face plate

Accessory for 17KL30

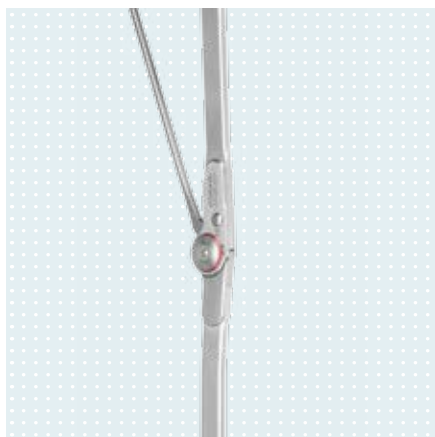


Alignment insert set

Reference number 743Y57

Technical data

Article number	Accessories for
743Y57	17KL30=16-CS 17KL30=20-A



Knee joint with covered Swiss lock

Reference number 17KL20

Straight medial and lateral joints, with covered Swiss lock



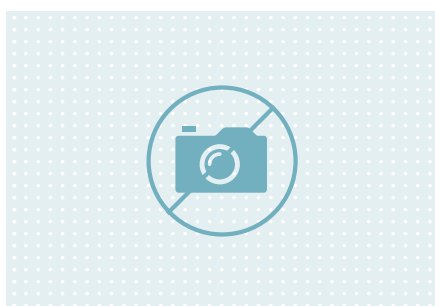
Technical data

Article number	Upper/lower bar length	Bar width	Joint bar thickness	Version	Bar material	Quantity unit
17KL20=13	300 / 490 mm	13 mm	5 mm	Straight	Stainless steel	Pair
17KL20=13-A	300 / 490 mm	13 mm	5 mm	Straight	Aluminium	Pair
17KL20=20	400 / 560 mm	20 mm	5 mm	Straight	Stainless steel	Pair
17KL20=20-A	400 / 560 mm	20 mm	5 mm	Straight	Aluminium	Pair

Information material

646D1279=EN_INT	Conventional joint bar system information for practitioners
647G221=ALL_INT	17KF10/17KL20/17KL40 instructions for use

Spare parts for 17KL20



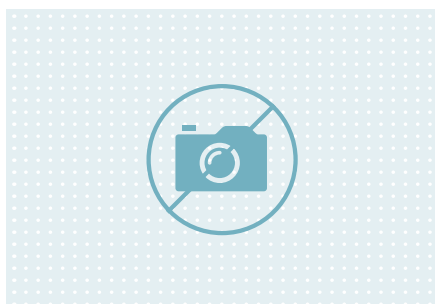
Service set

Reference number 17KS=9

Service set for 17KL20=13*

Technical data

Article number	Spare part for	Scope of delivery
17KS=9	17KL20=13-CS 17KL20=13-A 17KL20=13	Bearing nut Flat round disk with slot Red washer Lock washer Washer Bale pin Compression spring



Service set

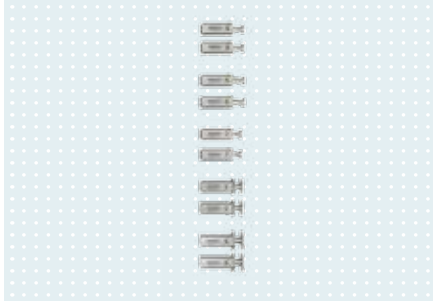
Reference number 17KS=10

Service set for 17KL20=*

Technical data

Article number	Spare part for	Scope of delivery
17KS=10	17KL20=16-CS 17KL20=20-A 17KL20=C-20 17KL20=C-20-A 17KL20=L-20 17KL20=R-20 17KL20=R-20-A 17KL20=L-20-A 17KL20=20	Bearing nut Flat round disk with slot Red washer Lock washer Washer Bale pin Compression spring

Accessory for 17KL20

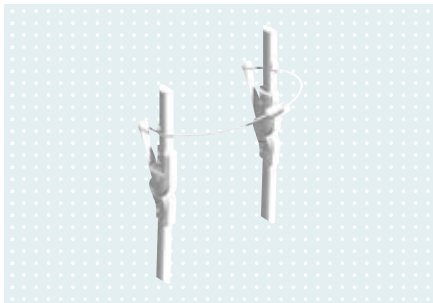


Alignment insert set

Reference number 743Y57

Technical data

Article number	Accessories for
743Y57	17KL20=13 17KL20=13-A 17KL20=20 17KL20=20-A



Pull-release cable

Reference number 17MS30

The pull-release cable can be positioned anterior or posterior. Thanks to the change of direction, less force is required for pulling.

Technical data

Article number	Accessories for	Quantity unit
17MS30=A	17KL20=13 17KL20=13-A 17KL20=20 17KL20=20-A	Pair



Modular system knee joint

Reference number 17B42

Locked knee joint with ring lock; straight medial and lateral joints



Technical data

Article number	System width	Milled head	Length from joint centre upper	Length from joint centre lower	Material	Quantity unit
17B42=16	16 mm	25x4 mm	56 mm	38 mm	Stainless steel	Pair
17B42=20	20 mm	25x4 mm	56 mm	38 mm	Stainless steel	Pair

Information material

647G2=ALL_INT

Instructions for use – system/leg bars



Practical recommendation 17B42

On worn joints, the tolerance can be reduced with the repair bolts. A suitable reamer is usually used for adaptation.



Modular system knee joint

Reference number 17B20

Locked knee joint with ring lock; contoured medial joint, straight lateral joint



Technical data

Article number	Side	System width	Milled head	Length from joint centre upper	Length from joint centre lower	Material	Quantity unit
17B20=L16	left (L)	16 mm	25x4 mm	56 mm	38 mm	Stainless steel	Pair
17B20=R16	right (R)	16 mm	25x4 mm	56 mm	38 mm	Stainless steel	Pair
17B20=L20	left (L)	20 mm	25x4 mm	56 mm	38 mm	Stainless steel	Pair
17B20=R20	right (R)	20 mm	25x4 mm	56 mm	38 mm	Stainless steel	Pair

Information material

647G2=ALL_INT

Instructions for use – system/leg bars



Practical recommendation 17B20

On worn joints, the tolerance can be reduced with the repair bolts. A suitable reamer is usually used for adaptation.



Modular system knee joint

Reference number 17B21

Locked knee joint with ring lock; contoured lower segment of medial joint, straight upper segment, straight lateral joint



Information material

647G2=ALL_INT

Instructions for use –
system/leg bars

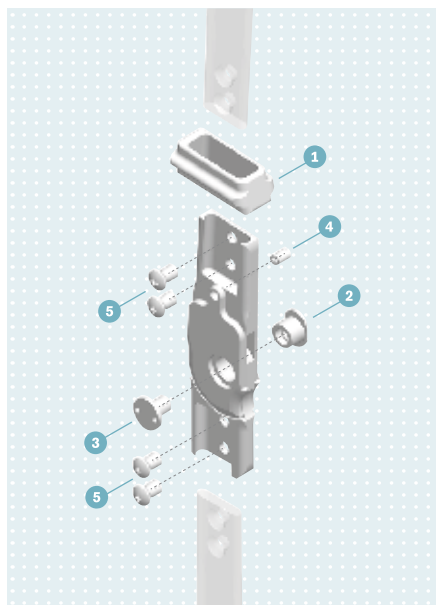
Technical data

Article number	Side	System width	Milled head	Length from joint centre upper	Length from joint centre lower	Material	Quantity unit
17B21=L16	left (L)	16 mm	25x4 mm	56 mm	38 mm	Stainless steel	Pair
17B21=R16	right (R)	16 mm	25x4 mm	56 mm	38 mm	Stainless steel	Pair
17B21=L20	left (L)	20 mm	25x4 mm	56 mm	38 mm	Stainless steel	Pair
17B21=R20	right (R)	20 mm	25x4 mm	56 mm	38 mm	Stainless steel	Pair

i Practical recommendation 17B42, 17B20, 17B21

On worn joints, the tolerance can be reduced with the repair bolts. A suitable reamer is usually used for adaptation.

Spare parts for 17B42, 17B20, 17B21



(1) Ring lock

Reference number 17Y31

Technical data

Article number	oboPlaceholder_Material	Quantity unit
17Y31=25X9.5	Stainless steel	Piece

(2) Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	Spare part for	Insertion length	Profile length	Shank length	Thread	Attachment Ø	Quantity unit
17Y93=9X7.2XM6	17B20=L16 17B20=L20 17B20=R16 17B20=R20 17B21=L16 17B21=L20 17B21=R16 17B21=R20 17B42=16 17B42=20	6 mm	14 mm	7.2 mm	M6	9 mm	Piece
17Y93=9.5X7.2XM6	17B20=L16 17B20=L20 17B20=R16 17B20=R20 17B21=L16 17B21=L20 17B21=R16 17B21=R20 17B42=16 17B42=20	6 mm	14 mm	7.2 mm	M6	9.5 mm	Piece

(3) Two-hole screw

Reference number 501S34

Technical data

Article number	Spare part for	Material	Quantity unit
501S34=M6	17B20=R16 17B20=L16 17B20=L20 17B20=R20 17B21=R16 17B21=R20 17B21=L16 17B21=L20 17B42=16 17B42=20	Stainless steel	Piece

(4) Spring-loaded thrust piece

Reference number 501D1

Technical data

Article number	Spare part for	Material	Quantity unit
501D1	17B20=R16 17B20=L16 17B20=L20 17B20=R20 17B21=R16 17B21=R20 17B21=L16 17B21=L20 17B42=16 17B42=20	Stainless steel	Piece

(5) Phillips oval countersunk head screw

Reference number 501T7

Technical data

Article number	for	Head Ø	Length	Material	Quantity unit
501T7=7.5X9XM5	System side bars	7,5 mm	9 mm	Stainless steel	Piece

Accessory for 17B42, 17B20, 17B21



System lamination bar

Reference number 17Y128

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	System width	Length	Thickness	Material	Quantity unit
17Y128=16X80	16 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=20X80	20 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=16X100	16 mm	100 mm	4 mm	Stainless steel	Piece
17Y128=20X100	20 mm	100 mm	4 mm	Stainless steel	Piece



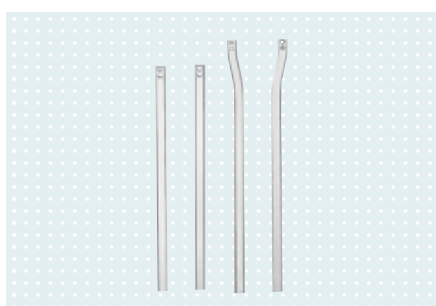
System lamination bar with contoured calf

Reference number 17Y129

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17Y129=L16	left (L)	16 mm	100 mm	4 mm	Piece
17Y129=R16	right (R)	16 mm	100 mm	4 mm	Piece
17Y129=L20	left (L)	20 mm	100 mm	4 mm	Piece
17Y129=R20	right (R)	20 mm	100 mm	4 mm	Piece



System side bar set

Reference number 17B38

Flat, consisting of two 17B4 and 17B4=T upper side bars and one 17B5 and 17B5=T lower side bar each for the left and right sides, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B38=16	16 mm	4 mm	Set
17B38=16-T	16 mm	4 mm	Set
17B38=20	20 mm	4 mm	Set
17B38=20-T	20 mm	4 mm	Set



System side bar set

Reference number 17B39

Consisting of two upper side bars and one left and one right lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B39=16	16 mm	5 mm	Set
17B39=20	20 mm	5 mm	Set



System side bar set

Reference number 17B85

Concave, consisting of two 17B88 upper side bars and one left and one right 17B89 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B85=16	16 mm	5 mm	Set
17B85=20	20 mm	5 mm	Set



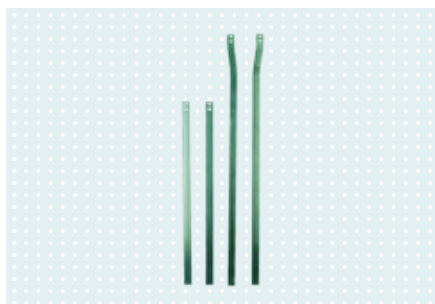
System side bar set, extra long

Reference number 17B41

Consisting of two 17B6 upper side bars and one left and one right 17B104 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B41=16	16 mm	5 mm	Set
17B41=20	20 mm	5 mm	Set



System side bar set

Reference number 17B40

Overlength, flat, consisting of two 17B4 upper side bars and one left and one right 17B102 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B40=16	16 mm	4 mm	Set
17B40=20	20 mm	4 mm	Set



System side bar set

Reference number 17B84

Concave, consisting of two 17B86 upper side bars and one left and one right 17B87 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B84=16	16 mm	4 mm	Set
17B84=20	20 mm	4 mm	Set



System knee joint

Reference number 17B105

Locked knee joint with wedge lock and pull-release cable
Medial joint contoured at the bottom, straight at the top, straight lateral joint with wedge lock and pull-release cable



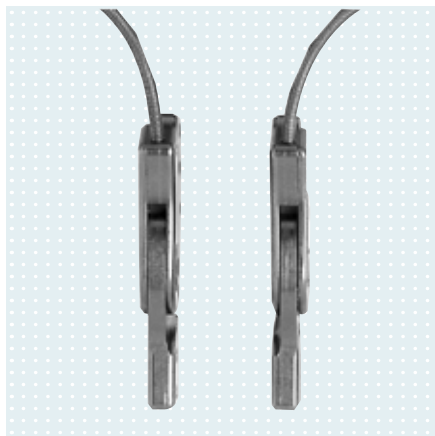
Technical data

Article number	Side	System width	Length from joint centre upper	Length from joint centre lower	Material	Quantity unit
17B105=L16	left (L)	16 mm	45 mm	41 mm	Titanium	Pair
17B105=R16	right (R)	16 mm	45 mm	41 mm	Titanium	Pair
17B105=L20	left (L)	20 mm	45 mm	41 mm	Titanium	Pair
17B105=R20	right (R)	20 mm	45 mm	41 mm	Titanium	Pair

Information material

647G1545=ALL_INT 17B105 /17B106 instructions for use

Patent: WO 99/11206, EP 936891



System knee joint

Reference number 17B106

Locked knee joint with wedge lock and pull-release cable
Straight medial and lateral joints, with wedge lock and pull-release cable



Technical data

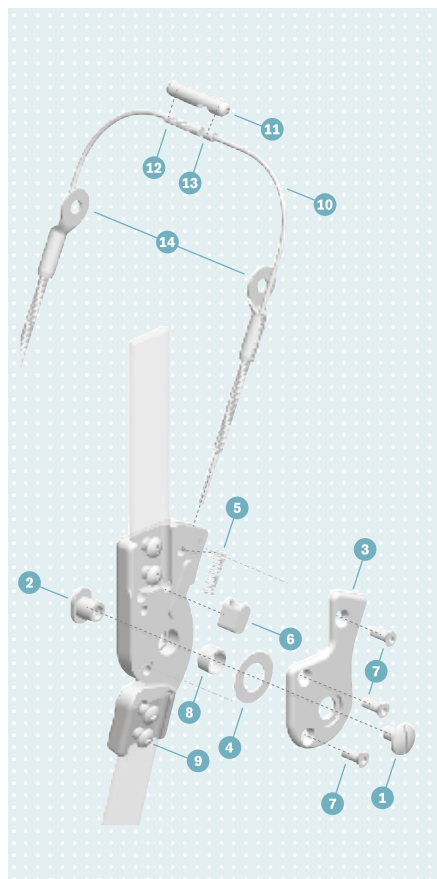
Article number	System width	Length from joint centre upper	Length from joint centre lower	Material	Quantity unit
17B106=16	16 mm	45 mm	41 mm	Titanium	Pair
17B106=20	20 mm	45 mm	41 mm	Titanium	Pair

Information material

647G1545=ALL_INT 17B105 /17B106 instructions for use

Patent: WO 99/11206, EP 936891

Spare parts for 17B105, 17B106

**(1) Slotted truss head screw**

Reference number 501S32

Technical data

Article number	Head Ø	Length	Thread	For system width	Material	Quantity unit
501S32=M5X10X10	10 mm	10 mm	M5	16 mm	Stainless steel	Piece
501S32=M5X12X11	12 mm	11 mm	M5	20 mm	Stainless steel	Piece

(2) Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	Spare part for	Insertion length	Profile length	Shank length	Thread	Attachment Ø	Quantity unit
17Y93=7X8.85XM5	17B106=16 17B105=R16 17B105=L16			8,85 mm	M5	7 mm	Piece
17Y93=8X9XM5	17B106=20 17B105=L20 17B105=R20	7.6 mm	12 mm	9 mm	M5	8 mm	Piece

(3) Cover

Reference number 17Y121

Technical data

Article number	Side	System width	Material	Quantity unit
17Y121=L16	left (L)	16 mm	Titanium	Piece
17Y121=R16	right (R)	16 mm	Titanium	Piece
17Y121=L20	left (L)	20 mm	Titanium	Piece
17Y121=R20	right (R)	20 mm	Titanium	Piece

(4) Bearing washer

Reference number 4Z8

Technical data

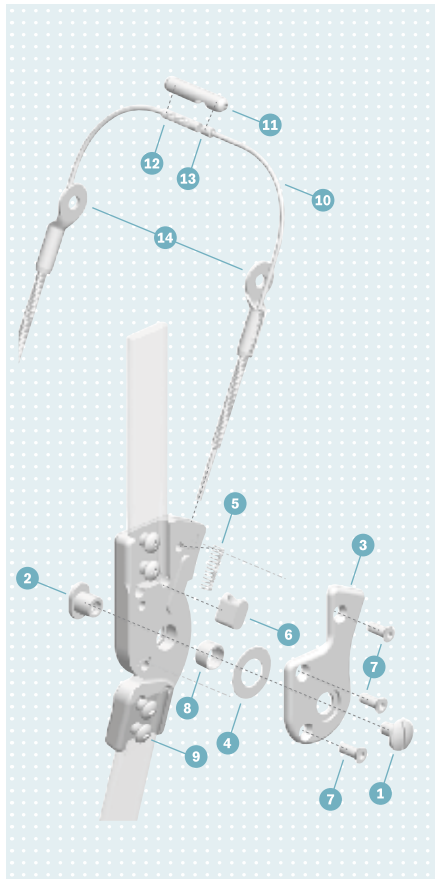
Article number	For system width	Material	Quantity unit
4Z80=9.2X16X0.2	16 mm	Polyamide	Piece
4Z80=10.2X20X0.2	20 mm	Polyamide	Piece

(5) Compression spring

Reference number 513D19

Technical data

Article number	For system width	Quantity unit
513D19=0.63X4X20	20 mm	Piece



(6) Wedge lock, hardened

Reference number 17Y122

Technical data

Article number	For system width	Quantity unit
513D19=0.63X4X20	20 mm	Piece

(7) Flat head screw

Reference number 17Y123

Technical data

Article number	Quantity unit
17Y123=M4X10	Piece

(8) Brass bushing

Reference number 17Y17

Technical data

Article number	For system width	Material	Quantity unit
17Y17=7X9X5.4	16 mm	Brass	Piece
17Y17=8X10X5.4	20 mm	Brass	Piece

(9) Phillips oval countersunk head screw

Reference number 501T7

Technical data

Article number	Head Ø	Thread	Length	Material	Quantity unit
501T7=7.5X9XM5	7.5 mm	M5	9 mm	Stainless steel	Piece

(10) Perlon cable

Reference number 21A18

Technical data

Article number	Diameter	Length	Order unit
21A18=2X1	2 mm	1 m	linear metres
21A18=2X5	2 mm	5 m	linear metres
21A18=2X10	2 mm	10 m	linear metres
21A18=2X25	2 mm	25 m	linear metres

(11) Coupling piece

Reference number 21A7

Technical data

Article number	Quantity unit
21A7	Piece

(12) Spring

Reference number 21A25

Technical data

Article number	Quantity unit
21A25	Piece

(13) Threaded sleeve

Reference number 21A12

Technical data

Article number	Package contents	Quantity unit
21A12	2 pieces	Piece

(14) Eyelet cable anchor, large

Reference number 21A5

Technical data

Article number	Contents	Width	Length	Clear width	Weight
21A5	1 Piece(s)	15 mm	35 mm	5 mm	4 g

(15) Lamination dummy

Reference number 17Y126

Technical data

Article number	For system width	Quantity unit
17Y126=16	16 mm	Piece
17Y126=20	20 mm	Piece

Accessory for 17B105, 17B106



System lamination bar

Reference number 17Y128

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	System width	Length	Thickness	Material	Quantity unit
17Y128=16X80	16 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=20X80	20 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=16X100	16 mm	100 mm	4 mm	Stainless steel	Piece
17Y128=20X100	20 mm	100 mm	4 mm	Stainless steel	Piece



System lamination bar with contoured calf

Reference number 17Y129

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17Y129=L16	left (L)	16 mm	100 mm	4 mm	Piece
17Y129=R16	right (R)	16 mm	100 mm	4 mm	Piece
17Y129=L20	left (L)	20 mm	100 mm	4 mm	Piece
17Y129=R20	right (R)	20 mm	100 mm	4 mm	Piece



System side bar set

Reference number 17B38

Flat, consisting of two 17B4 and 17B4=T upper side bars and one 17B5 and 17B5=T lower side bar each for the left and right sides, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B38=16	16 mm	4 mm	Set
17B38=16-T	16 mm	4 mm	Set
17B38=20	20 mm	4 mm	Set
17B38=20-T	20 mm	4 mm	Set



System side bar set

Reference number 17B39

Consisting of two upper side bars and one left and one right lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B39=16	16 mm	5 mm	Set
17B39=20	20 mm	5 mm	Set



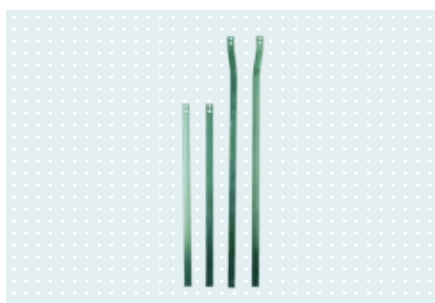
System side bar set

Reference number 17B85

Concave, consisting of two 17B88 upper side bars and one left and one right 17B89 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B85=16	16 mm	5 mm	Set
17B85=20	20 mm	5 mm	Set



System side bar set

Reference number 17B40

Overlength, flat, consisting of two 17B4 upper side bars and one left and one right 17B102 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B40=16	16 mm	4 mm	Set
17B40=20	20 mm	4 mm	Set



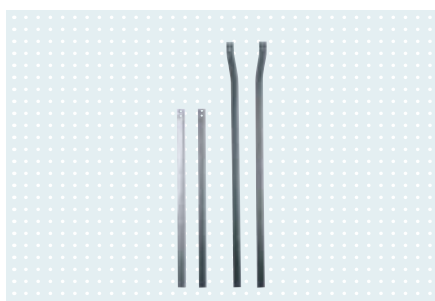
System side bar set

Reference number 17B84

Concave, consisting of two 17B86 upper side bars and one left and one right 17B87 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B84=16	16 mm	4 mm	Set
17B84=20	20 mm	4 mm	Set



System side bar set, extra long

Reference number 17B41

Consisting of two 17B6 upper side bars and one left and one right 17B104 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B41=16	16 mm	5 mm	Set
17B41=20	20 mm	5 mm	Set



System knee joint

Reference number 17B95

Locked knee joint with wedge lock and pull-release cable
 With 16mm system width: suitable for body weight up to 50kg
 Medial joint contoured at the bottom and straight at the top, straight lateral joint



Technical data

Article number	Side	System width	Milled head	Length from joint centre upper	Length from joint centre lower	Material	Quantity unit
17B95=L16	left (L)	16 mm	23x4 mm	50 mm	40 mm	Stainless steel	Pair
17B95=R16	right (R)	16 mm	23x4 mm	50 mm	40 mm	Stainless steel	Pair
17B95=L20	left (L)	20 mm	30x5 mm	58 mm	42 mm	Stainless steel	Pair
17B95=R20	right (R)	20 mm	30x5 mm	58 mm	42 mm	Stainless steel	Pair

Information material

647G1536=ALL_INT 17B95 / 17B96
 instructions for use



Practical recommendation 17B95

On worn joints, the tolerance can be reduced with the repair bolts. A suitable reamer is usually used for adaptation.



System knee joint

Reference number 17B96

Locked knee joint with wedge lock and pull-release cable
 With 16mm system width: suitable for body weight up to 50kg
 Straight medial and lateral joints



Technical data

Article number	System width	Milled head	Length from joint centre upper	Length from joint centre lower	Material	Quantity unit
17B96=16	16 mm	23x4 mm	50 mm	40 mm	Stainless steel	Pair
17B96=20	20 mm	30x5 mm	58 mm	42 mm	Stainless steel	Pair

Information material

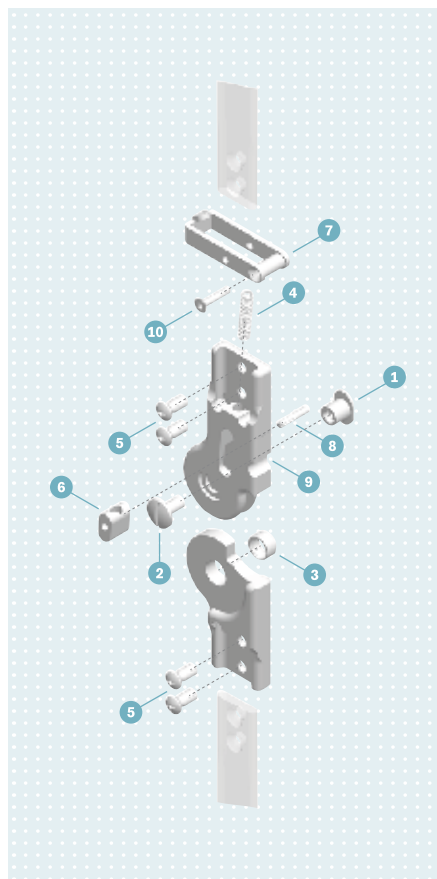
647G1536=ALL_INT 17B95 / 17B96
 instructions for use



Practical recommendation 17B96

On worn joints, the tolerance can be reduced with the repair bolts. A suitable reamer is usually used for adaptation.

Spare parts for 17B95, 17B96

**(1) Bearing nut, hardened**

Reference number 17Y93

Technical data

Article number	Spare part for	Insertion length	Profile length	Shank length	Thread	Attachment Ø	Quantity unit
17Y93=6X7.7XM4	17B96=16 17B95=L16 17B95=R16 17B96=20 17B95=L20 17B95=R20	6.45 mm	12 mm	7.7 mm	M4	6 mm	Piece
17Y93=6.5X7.7XM4	17B96=16 17B95=L16 17B95=R16	6.45 mm	12 mm	7.7 mm	M4	6.5 mm	Piece
17Y93=8X8.5XM5	17B96=20 17B95=L20 17B95=R20	7.4 mm	12 mm	8.5 mm	M5	8 mm	Piece

(2) Slotted truss head screw

Reference number 501S32

Technical data

Article number	Head Ø	Length	For system width	Thread	Material	Quantity unit
501S32=M4X10X9.5	10 mm	9.5 mm	16 mm	M4	Stainless steel	Piece
501S32=M5X12X11	12 mm	11 mm	20 mm	M5	Stainless steel	Piece

(3) Brass bushing

Reference number 17Y17

Technical data

Article number	Material	Quantity unit
17Y17=8X10X4.8	Brass	Piece

(4) Compression spring

Reference number 513D19

Technical data

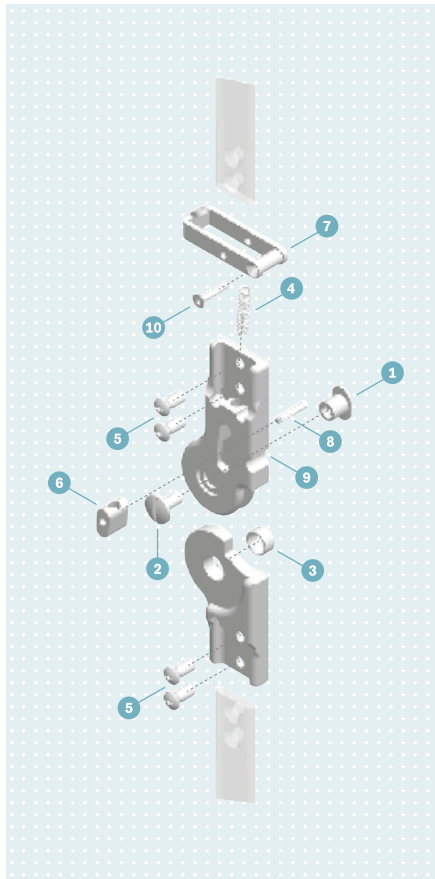
Article number	For system width	Quantity unit
513D19=0.5X3.3X14	16 mm	Piece
513D19=0.63X4X20	20 mm	Piece

(5) Countersunk head screw (allen screw)

Reference number 501S41

Technical data

Article number	For system width	Quantity unit
501S41=M3X12	16 mm	Piece
501S41=M3X14	20 mm	Piece



(6) Wedge lock, hardened

Reference number 17Y88

Technical data

Article number	For system width	Quantity unit
17Y88=16	16 mm	Piece
17Y88=20	20 mm	Piece

(7) Locking rocker

Reference number 30Z22

Technical data

Article number	For system width	Material	Quantity unit
30Z22=L16	16 mm	Stainless steel	Piece
30Z22=R16	16 mm	Stainless steel	Piece
30Z22=L20	20 mm	Stainless steel	Piece
30Z22=R20	20 mm	Stainless steel	Piece

(8) Notch pin for rocking locker

Reference number 506K2

Technical data

Article number	For system width	Material	Quantity unit
506K2=3X12	16 mm	Stainless steel	Piece
506K2=3X14	20 mm	Stainless steel	Piece

(9) Bushing for rocking locker

Reference number 17Y89

Technical data

Article number	For system width	Material	Quantity unit
17Y89=16	16 mm	Brass	Piece
17Y89=20	20 mm	Brass	Piece

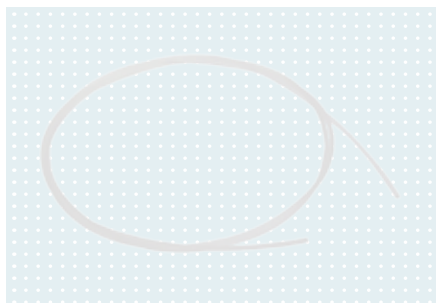
(10) Phillips oval countersunk head screw

Reference number 501T7

Technical data

Article number	Head Ø	Length	Material	Quantity unit
501T7=7.5X9XM5	7.5 mm	9 mm	Stainless steel	Piece

Spare parts for pull-release cable



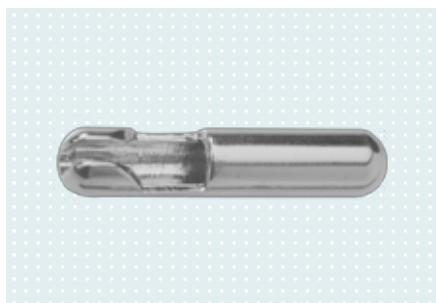
Perlon cable

Reference number 21A18

The perlon cable has a diameter of 2 mm.

Technical data

Article number	Diameter	Length	Order unit
21A18=2X1	2 mm	1 m	linear metres
21A18=2X5	2 mm	5 m	linear metres
21A18=2X10	2 mm	10 m	linear metres
21A18=2X25	2 mm	25 m	linear metres



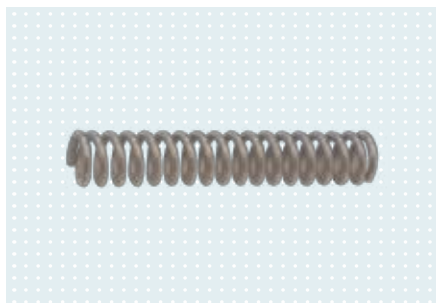
Coupling piece

Reference number 21A7

The coupling piece is used in combination with the Perlon cord.

Technical data

Article number	Quantity unit
21A7	Piece



Spring

Reference number 21A25

The spring is used for the coupling piece.

Technical data

Article number	Quantity unit
21A25	Piece



Threaded sleeve

Reference number 21A12

The short threaded sleeve is screwed on the 21A18=2 perlon cable (contents: two pieces).

Technical data

Article number	Package contents	Quantity unit
21A12	2 pieces	Piece

Accessory for 17B95, 17B96



System lamination bar

Reference number 17Y128

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	System width	Length	Thickness	Material	Quantity unit
17Y128=16X80	16 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=20X80	20 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=16X100	16 mm	100 mm	4 mm	Stainless steel	Piece
17Y128=20X100	20 mm	100 mm	4 mm	Stainless steel	Piece



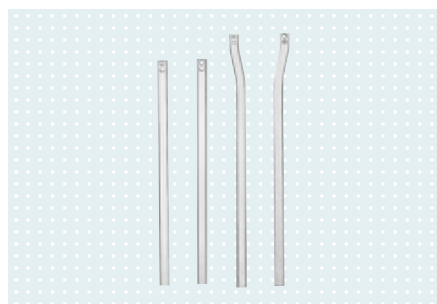
System lamination bar with contoured calf

Reference number 17Y129

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17Y129=L16	left (L)	16 mm	100 mm	4 mm	Piece
17Y129=R16	right (R)	16 mm	100 mm	4 mm	Piece
17Y129=L20	left (L)	20 mm	100 mm	4 mm	Piece
17Y129=R20	right (R)	20 mm	100 mm	4 mm	Piece



System side bar set

Reference number 17B38

Flat, consisting of two 17B4 and 17B4=T upper side bars and one 17B5 and 17B5=T lower side bar each for the left and right sides, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B38=16	16 mm	4 mm	Set
17B38=16-T	16 mm	4 mm	Set
17B38=20	20 mm	4 mm	Set
17B38=20-T	20 mm	4 mm	Set



System side bar set

Reference number 17B39

Consisting of two upper side bars and one left and one right lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B39=16	16 mm	5 mm	Set
17B39=20	20 mm	5 mm	Set



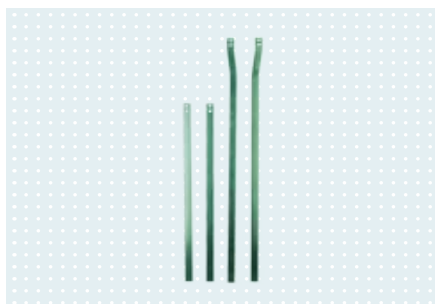
System side bar set

Reference number 17B85

Concave, consisting of two 17B88 upper side bars and one left and one right 17B89 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B85=16	16 mm	5 mm	Set
17B85=20	20 mm	5 mm	Set



System side bar set

Reference number 17B40

Overlength, flat, consisting of two 17B4 upper side bars and one left and one right 17B102 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B40=16	16 mm	4 mm	Set
17B40=20	20 mm	4 mm	Set



System side bar set

Reference number 17B84

Concave, consisting of two 17B86 upper side bars and one left and one right 17B87 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B84=16	16 mm	4 mm	Set
17B84=20	20 mm	4 mm	Set



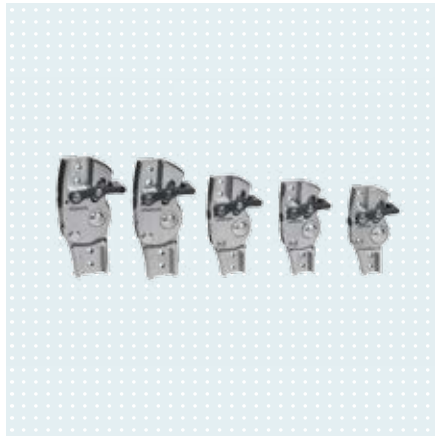
System side bar set, extra long

Reference number 17B41

Consisting of two 17B6 upper side bars and one left and one right 17B104 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B41=16	16 mm	5 mm	Set
17B41=20	20 mm	5 mm	Set



Unilateral knee joint

Reference number 17LK3

System knee joint with wedge lock



Technical data

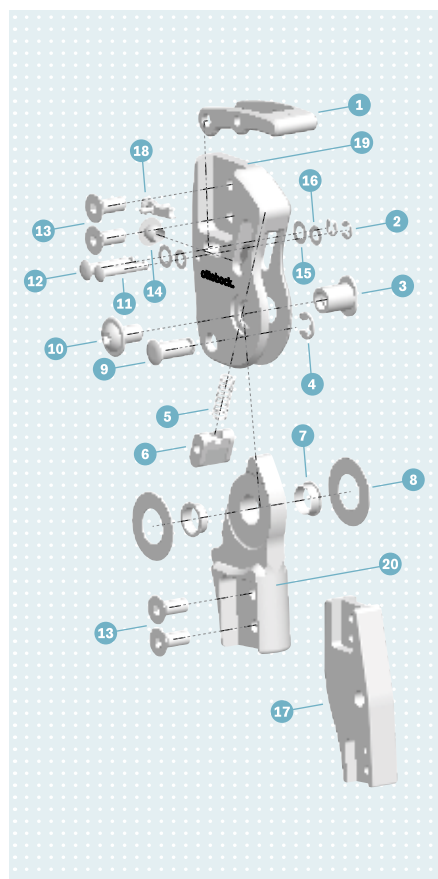
Article number	Side	System width	Max. body weight	Material	Quantity unit
17LK3=L10	left (L)	10 mm	15 kg / 25 kg*	Stainless steel	Piece
17LK3=R10	right (R)	10 mm	15 kg / 25 kg*	Stainless steel	Piece
17LK3=L10-T	left (L)	10 mm	15 kg / 25 kg*	Titanium	Piece
17LK3=R10-T	right (R)	10 mm	15 kg / 25 kg*	Titanium	Piece
17LK3=L12	left (L)	12 mm	20 kg / 40 kg*	Stainless steel	Piece
17LK3=R12	right (R)	12 mm	20 kg / 40 kg*	Stainless steel	Piece
17LK3=L12-T	left (L)	12 mm	20 kg / 40 kg*	Titanium	Piece
17LK3=R12-T	right (R)	12 mm	20 kg / 40 kg*	Titanium	Piece
17LK3=L14	left (L)	14 mm	50 kg / 80 kg*	Stainless steel	Piece
17LK3=R14	right (R)	14 mm	50 kg / 80 kg*	Stainless steel	Piece
17LK3=L14-T	left (L)	14 mm	50 kg / 80 kg*	Titanium	Piece
17LK3=R14-T	right (R)	14 mm	50 kg / 80 kg*	Titanium	Piece
17LK3=L16	left (L)	16 mm	85 kg / 120 kg*	Stainless steel	Piece
17LK3=R16	right (R)	16 mm	85 kg / 120 kg*	Stainless steel	Piece
17LK3=L16-T	left (L)	16 mm	85 kg / 120 kg*	Titanium	Piece
17LK3=R16-T	right (R)	16 mm	85 kg / 120 kg*	Titanium	Piece
17LK3=L20	left (L)	20 mm	110 kg / 160 kg*	Stainless steel	Piece
17LK3=R20	right (R)	20 mm	110 kg / 160 kg*	Stainless steel	Piece
17LK3=L20-T	left (L)	20 mm	110 kg / 160 kg*	Titanium	Piece
17LK3=R20-T	right (R)	20 mm	110 kg / 160 kg*	Titanium	Piece

Information material

646D789=EN_INT	Unilateral joint system information for practitioners
647F473=EN_INT	Unilateral joint system order form
646F464=ALL_INT	KAFO selection guide
646T5441=EN_INT	Technical information – Fabrication of a definitive KAFO
647G975=ALL_INT	17LK3 instructions for use

- * with bilateral use
- When using the product unilaterally, and in case of flexion contracture in the knee or hip > 10°, or distinct torsion or valgus/varus instabilities, or valgus/varus malpositions, or increased physical activity, the next higher size must be used!
- Use the product bilaterally if there is any ischial support

Spare parts for 17LK3



(1) Knee lever

Reference number 30Y265

Technical data

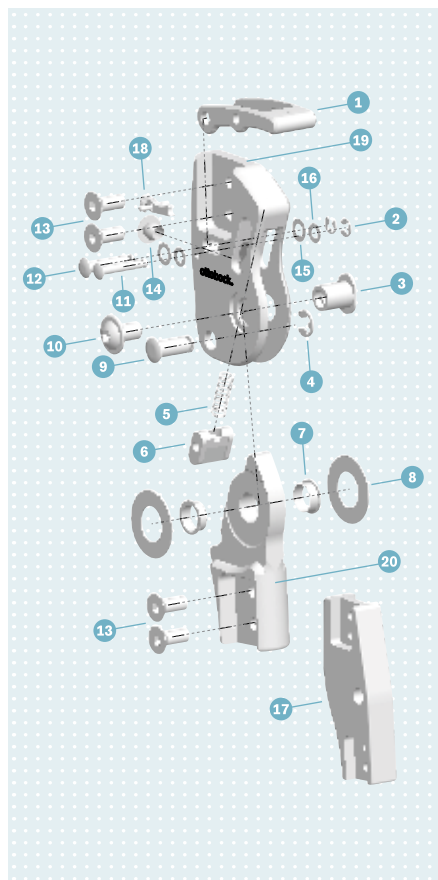
Article number	Spare part for	Quantity unit
30Y265=12-A	17LK3=L10 17LK3=L10-T 17LK3=L12 17LK3=L12-T 17LK3=R10 17LK3=R10-T 17LK3=R12 17LK3=R12-T	Piece
30Y265=14-A	17LK3=L14 17LK3=L14-T 17LK3=R14 17LK3=R14-T	Piece
30Y265=16-A	17LK3=L16 17LK3=L16-T 17LK3=R16 17LK3=R16-T	Piece
30Y265=20-A	17LK3=L20 17LK3=L20-T 17LK3=R20 17LK3=R20-T	Piece

(2) Lock washer

Reference number 507S96

Technical data

Article number	Spare part for	Quantity unit
507S96=2.3	17LK3=L10 17LK3=L10-T 17LK3=L12 17LK3=L12-T 17LK3=L14 17LK3=L14-T 17LK3=L16 17LK3=L16-T 17LK3=L20 17LK3=L20-T 17LK3=R10 17LK3=R10-T 17LK3=R12 17LK3=R12-T 17LK3=R14 17LK3=R14-T 17LK3=R16 17LK3=R16-T 17LK3=R20 17LK3=R20-T	Piece



(3) Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	Spare part for	Shank length	Thread	Shoulder Ø	Quantity unit
17Y93=9X9.2XM6	17LK3=L10	9.2 mm	M6	9 mm	Piece
	17LK3=L10-T				
	17LK3=L12				
	17LK3=L12-T				
	17LK3=L14				
	17LK3=L14-T				
	17LK3=R10				
	17LK3=R10-T				
	17LK3=R12				
	17LK3=R12-T				
	17LK3=R14				
17LK3=R14-T					
17Y93=9X10.75XM6	17LK3=L16	10.75 mm	M6	9 mm	Piece
	17LK3=L16-T				
	17LK3=R16				
	17LK3=R16-T				
17Y93=9X11.75XM6	17LK3=L20	11.75 mm	M6	9 mm	Piece
	17LK3=L20-T				
	17LK3=R20				
	17LK3=R20-T				

(4) Lock washer

Reference number 507S96

Technical data

Article number	Spare part for	Quantity unit
507S96=3.2	17LK3=L10	Piece
	17LK3=L10-T	
	17LK3=L12	
	17LK3=L12-T	
	17LK3=L14	
	17LK3=L14-T	
	17LK3=R10	
	17LK3=R10-T	
	17LK3=R12	
	17LK3=R12-T	
	17LK3=R14	
	17LK3=R14-T	
	507S96=4	
17LK3=L16-T		
17LK3=L20		
17LK3=L20-T		
17LK3=R16		
17LK3=R16-T		
17LK3=R20		
17LK3=R20-T		

(5) Compression spring

Reference number 513D83

Technical data

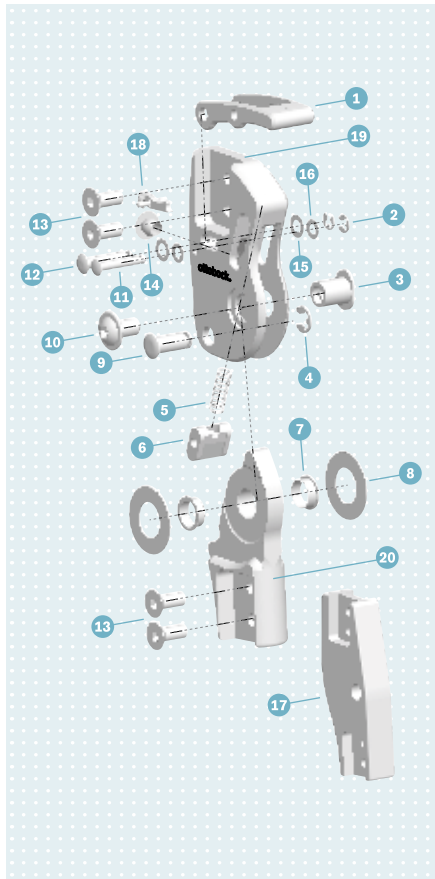
Article number	Spare part for	Quantity unit
513D83=0.7X4.3X19	17LK3=L10	Piece
	17LK3=L10-T	
	17LK3=L12	
	17LK3=L12-T	
	17LK3=R10	
	17LK3=R10-T	
	17LK3=R12	
513D83=0.75X4.6X20	17LK3=R12-T	Piece
	17LK3=L14	
	17LK3=L14-T	
	17LK3=L16	
	17LK3=L16-T	
	17LK3=L20	
	17LK3=L20-T	
	17LK3=R14	
	17LK3=R14-T	
	17LK3=R16	
	17LK3=R16-T	
	17LK3=R20	
17LK3=R20-T		

(6) Lock wedge

Reference number 17Y156

Technical data

Article number	Spare part for	Quantity unit
17Y156=1	17LK3=L10	Piece
	17LK3=L10-T	
	17LK3=L12	
	17LK3=L12-T	
	17LK3=L14	
	17LK3=L14-T	
	17LK3=R10	
	17LK3=R10-T	
	17LK3=R12	
	17LK3=R12-T	
	17LK3=R14	
	17LK3=R14-T	
17Y156=2	17LK3=L10	Piece
	17LK3=L10-T	
	17LK3=L12	
	17LK3=L12-T	
	17LK3=L14	
	17LK3=L14-T	
	17LK3=R10	
	17LK3=R10-T	
	17LK3=R12	
	17LK3=R12-T	
	17LK3=R14	
	17LK3=R14-T	
17Y156=3	17LK3=L10	Piece
	17LK3=L10-T	
	17LK3=L12	
	17LK3=L12-T	
	17LK3=L14	
	17LK3=L14-T	
	17LK3=R10	
	17LK3=R10-T	
	17LK3=R12	
	17LK3=R12-T	
	17LK3=R14	
	17LK3=R14-T	



(6) Lock wedge

Reference number 17Y157

Technical data

Article number	Spare part for	Quantity unit
17Y157=1	17LK3=L16 17LK3=L16-T 17LK3=R16 17LK3=R16-T	Piece
17Y157=2	17LK3=L16 17LK3=L16-T 17LK3=R16 17LK3=R16-T	Piece
17Y157=3	17LK3=L16 17LK3=L16-T 17LK3=R16 17LK3=R16-T	Piece

(6) Lock wedge

Reference number 17Y158

Technical data

Article number	Spare part for	Quantity unit
17Y158=1	17LK3=L20 17LK3=L20-T 17LK3=R20 17LK3=R20-T	Piece
17Y158=2	17LK3=L20 17LK3=L20-T 17LK3=R20 17LK3=R20-T	Piece
17Y158=3	17LK3=L20 17LK3=L20-T 17LK3=R20 17LK3=R20-T	Piece

(7) Bushing

Reference number 30Y87

Technical data

Article number	Spare part for	Quantity unit
30Y87=1	17LK3=L20 17LK3=L20-T 17LK3=R20 17LK3=R20-T	Piece
30Y87=2	17LK3=L16 17LK3=L16-T 17LK3=R16 17LK3=R16-T	Piece
30Y87=3	17LK3=L10 17LK3=L10-T 17LK3=L12 17LK3=L12-T 17LK3=L14 17LK3=L14-T 17LK3=R10 17LK3=R10-T 17LK3=R12 17LK3=R12-T 17LK3=R14 17LK3=R14-T	Piece

(8) Bearing washers

Reference number 170Z93

Technical data

Article number	Spare part for	Quantity unit
170Z93=1	17LK3=L16 17LK3=L16-T 17LK3=L20 17LK3=L20-T 17LK3=R16 17LK3=R16-T 17LK3=R20 17LK3=R20-T	Set

(9) Axle

Reference number 4A101

Technical data

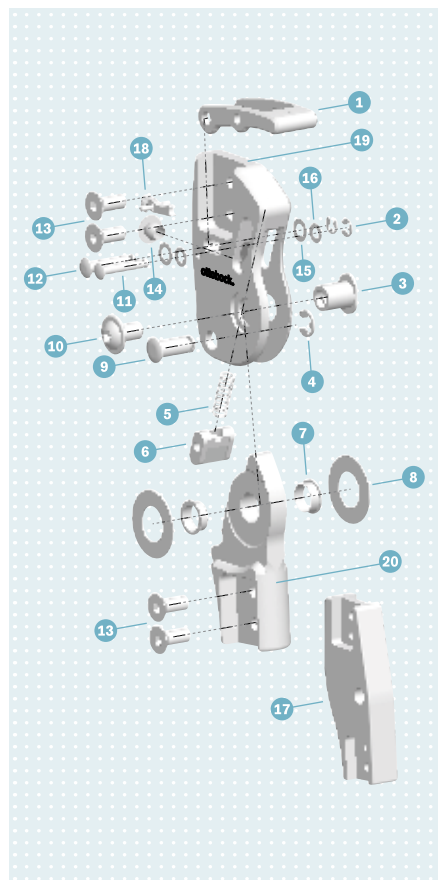
Article number	Spare part for	Quantity unit
4A101=5X10.6	17LK3=L10 17LK3=L10-T 17LK3=L12 17LK3=L12-T 17LK3=L14 17LK3=L14-T 17LK3=R10 17LK3=R10-T 17LK3=R12 17LK3=R12-T 17LK3=R14 17LK3=R14-T	Piece
4A101=6X12.7	17LK3=L16 17LK3=L16-T 17LK3=R16 17LK3=R16-T	Piece
4A101=6X13.7	17LK3=L20 17LK3=L20-T 17LK3=R20 17LK3=R20-T	Piece

(10) Screw with flattened half-round head

Reference number 501F9

Technical data

Article number	Spare part for	Quantity unit
501F9=M6X8	17LK3=L10 17LK3=L10-T 17LK3=L12 17LK3=L12-T 17LK3=L14 17LK3=L14-T 17LK3=L16 17LK3=L16-T 17LK3=L20 17LK3=L20-T 17LK3=R10 17LK3=R10-T 17LK3=R12 17LK3=R12-T 17LK3=R14 17LK3=R14-T 17LK3=R16 17LK3=R16-T 17LK3=R20 17LK3=R20-T	Piece



(11) Axle

Reference number 4A101

Technical data

Article number	Spare part for	Quantity unit
4A101=3.2X15.1	17LK3=L10	Piece
	17LK3=L10-T	
	17LK3=L12	
	17LK3=L12-T	
	17LK3=L14	
	17LK3=L14-T	
	17LK3=R10	
	17LK3=R10-T	
	17LK3=R12	
	17LK3=R12-T	
	17LK3=R14	
17LK3=R14-T		
4A101=3.2X17.1	17LK3=L16	Piece
	17LK3=L16-T	
	17LK3=R16	
	17LK3=R16-T	
4A101=3.2X18.1	17LK3=L20	Piece
	17LK3=L20-T	
	17LK3=R20	
	17LK3=R20-T	

(12) Axle

Reference number 4A101

Technical data

Article number	Spare part for	Quantity unit		
4A101=4X15.1	17LK3=L10	Piece		
	17LK3=L10-T			
	17LK3=L12			
	17LK3=L12-T			
	17LK3=L14			
	17LK3=L14-T			
	17LK3=R10			
	17LK3=R10-T			
	17LK3=R12			
	17LK3=R12-T			
	17LK3=R14			
	17LK3=R14-T			
	4A101=4X17.1		17LK3=L16	Piece
			17LK3=L16-T	
17LK3=R16				
17LK3=R16-T				
4A101=4X18.1	17LK3=L20	Piece		
	17LK3=L20-T			
	17LK3=R20			
	17LK3=R20-T			

(13) Countersunk head Torx screw

Reference number 501S137

Technical data

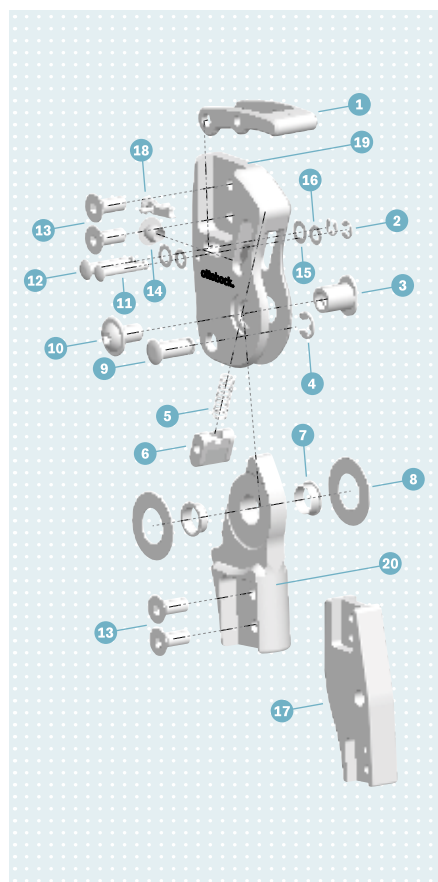
Article number	Spare part for	Quantity unit
501S137=M4X8	17LK3=L10	Piece
	17LK3=L10-T	
	17LK3=L12	
	17LK3=L12-T	
	17LK3=R10	
	17LK3=R10-T	
	17LK3=R12	
	17LK3=R12-T	
501S137=M4X10-2	17LK3=L14	Piece
	17LK3=L14-T	
	17LK3=R14	
	17LK3=R14-T	
501S137=M5X10-1	17LK3=L16	Piece
	17LK3=L16-T	
	17LK3=L20	
	17LK3=L20-T	
	17LK3=R16	
	17LK3=R16-T	
	17LK3=R20	
	17LK3=R20-T	

(14) Protective plug

Reference number 30Y91

Technical data

Article number	Spare part for	Quantity unit
30Y91=1	17LK3=L16	Piece
	17LK3=L16-T	
	17LK3=L20	
	17LK3=L20-T	
	17LK3=R16	
	17LK3=R16-T	
	17LK3=R20	
	17LK3=R20-T	
30Y91=3	17LK3=L10	Piece
	17LK3=L10-T	
	17LK3=L12	
	17LK3=L12-T	
	17LK3=L14	
	17LK3=L14-T	
	17LK3=R10	
	17LK3=R10-T	
	17LK3=R12	
	17LK3=R12-T	
	17LK3=R14	
	17LK3=R14-T	



(15, 16) Washer

Reference number 30Y267

Technical data

Article number	Spare part for	Quantity unit
30Y267=3.3	17LK3=L10	Piece
	17LK3=L10-T	
	17LK3=L12	
	17LK3=L12-T	
	17LK3=L14	
	17LK3=L14-T	
	17LK3=L16	
	17LK3=L16-T	
	17LK3=L20	
	17LK3=L20-T	
	17LK3=R10	
	17LK3=R10-T	
	17LK3=R12	
	17LK3=R12-T	
	17LK3=R14	
	17LK3=R14-T	
	17LK3=R16	
17LK3=R16-T		
17LK3=R20		
17LK3=R20-T		
30Y267=4.2	17LK3=L10	Piece
	17LK3=L10-T	
	17LK3=L12	
	17LK3=L12-T	
	17LK3=L14	
	17LK3=L14-T	
	17LK3=L16	
	17LK3=L16-T	
	17LK3=L20	
	17LK3=L20-T	
	17LK3=R10	
	17LK3=R10-T	
	17LK3=R12	
	17LK3=R12-T	
	17LK3=R14	
	17LK3=R14-T	
	17LK3=R16	
17LK3=R16-T		
17LK3=R20		
17LK3=R20-T		

(17) Joint dummy

Reference number 30Y268

Technical data

Article number	Spare part for	Quantity unit
30Y268=10	17LK3=L10	Piece
	17LK3=L10-T	
	17LK3=R10	
	17LK3=R10-T	
30Y268=12	17LK3=L12	Piece
	17LK3=L12-T	
	17LK3=R12	
	17LK3=R12-T	
30Y268=14	17LK3=L14	Piece
	17LK3=L14-T	
	17LK3=R14	
	17LK3=R14-T	
30Y268=16	17LK3=L16	Piece
	17LK3=L16-T	
	17LK3=R16	
	17LK3=R16-T	
30Y268=20	17LK3=L20	Piece
	17LK3=L20-T	
	17LK3=R20	
	17LK3=R20-T	

(18) Temporary switch

Reference number 17Y162

Technical data

Article number	Spare part for	Quantity unit
17Y162=3	17LK3=L10	Piece
	17LK3=L10-T	
	17LK3=L12	
	17LK3=L12-T	
	17LK3=L14	
	17LK3=L14-T	
	17LK3=R10	
	17LK3=R10-T	
	17LK3=R12	
	17LK3=R12-T	
	17LK3=R14	
	17LK3=R14-T	
	17Y162=2	
17LK3=L16-T		
17LK3=R16		
17LK3=R16-T		
17Y162=1	17LK3=L20	Piece
	17LK3=L20-T	
	17LK3=R20	
	17LK3=R20-T	

(19) Knee joint, upper part

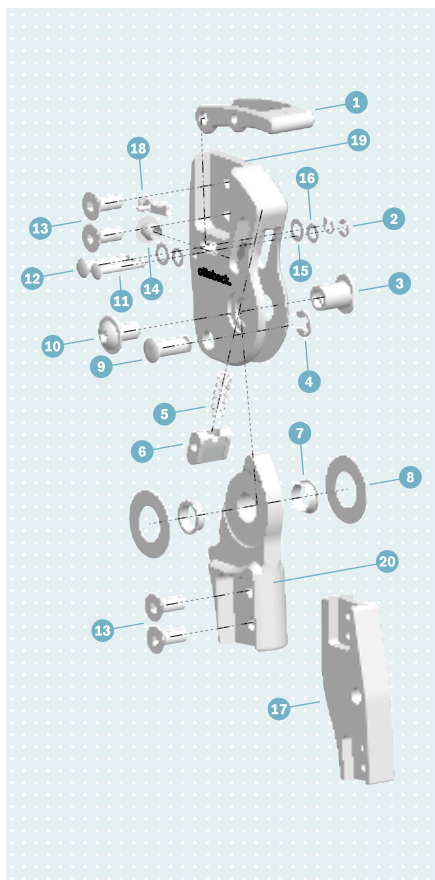
Reference number 30X94

Technical data

Article number	Spare part for	Side	Quantity unit
30X94=L10	17LK3=L10	left (L)	Piece
30X94=R10	17LK3=R10	right (R)	Piece
30X94=L10-T	17LK3=L10-T	left (L)	Piece
30X94=R10-T	17LK3=R10-T	right (R)	Piece
30X94=L12	17LK3=L12	left (L)	Piece
30X94=R12	17LK3=R12	right (R)	Piece
30X94=L12-T	17LK3=L12-T	left (L)	Piece
30X94=R12-T	17LK3=R12-T	right (R)	Piece
30X94=R14	17LK3=R14	right (R)	Piece
30X94=L14-T	17LK3=L14-T	left (L)	Piece
30X94=R14-T	17LK3=R14-T	right (R)	Piece
30X94=L16	17LK3=L16	left (L)	Piece
30X94=R16	17LK3=R16	right (R)	Piece
30X94=L16-T	17LK3=L16-T	left (L)	Piece
30X94=R16-T	17LK3=R16-T	right (R)	Piece
30X94=L20	17LK3=L20	left (L)	Piece
30X94=R20	17LK3=R20	right (R)	Piece
30X94=L20-T	17LK3=L20-T	left (L)	Piece
30X94=R20-T	17LK3=R20-T	right (R)	Piece

(20) Knee joint, lower part

Reference number 30U132



Technical data

Article number	Spare part for	Side	Quantity unit
30U132=L10	17LK3=L10	left (L)	Piece
30U132=R10	17LK3=R10	right (R)	Piece
30U132=L10-T	17LK3=L10-T	left (L)	Piece
30U132=R10-T	17LK3=R10-T	right (R)	Piece
30U132=L12	17LK3=L12	left (L)	Piece
30U132=R12	17LK3=R12	right (R)	Piece
30U132=L12-T	17LK3=L12-T	left (L)	Piece
30U132=R12-T	17LK3=R12-T	right (R)	Piece
30U132=L14	17LK3=L14	left (L)	Piece
30U132=R14	17LK3=R14	right (R)	Piece
30U132=L14-T	17LK3=L14-T	left (L)	Piece
30U132=R14-T	17LK3=R14-T	right (R)	Piece
30U132=L16	17LK3=L16	left (L)	Piece
30U132=R16	17LK3=R16	right (R)	Piece
30U132=L16-T	17LK3=L16-T	left (L)	Piece
30U132=R16-T	17LK3=R16-T	right (R)	Piece
30U132=L20	17LK3=L20	left (L)	Piece
30U132=R20	17LK3=R20	right (R)	Piece
30U132=L20-T	17LK3=L20-T	left (L)	Piece
30U132=R20-T	17LK3=R20-T	right (R)	Piece



Perlon cable 0.

Reference number 21A45

Technical data

Article number	Spare part for
21A45=0.60	17LK3=L10
	17LK3=L10-T
	17LK3=L12
	17LK3=L12-T
	17LK3=L14
	17LK3=L14-T
	17LK3=L16
	17LK3=L16-T
	17LK3=L20
	17LK3=L20-T
	17LK3=R10
	17LK3=R10-T
	17LK3=R12
	17LK3=R12-T
	17LK3=R14
	17LK3=R14-T
	17LK3=R16
	17LK3=R16-T
	17LK3=R20
	17LK3=R20-T



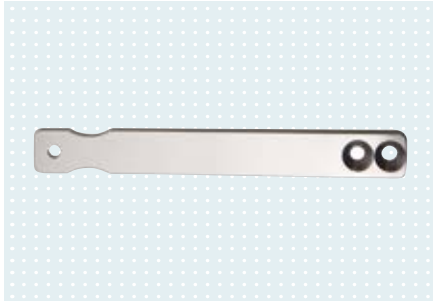
Threaded sleeve

Reference number 21A12

Technical data

Article number	Package contents	Quantity unit
21A12	2 pieces	Piece

Accessory for 17LK3



Lamination bar

Reference number 17LS3



Technical data

Article number	Length	Width	Thickness	Material	Quantity unit
17LS3=10	80 mm	10 mm	5 mm bottom/3 mm top	Stainless steel	Piece
17LS3=10-T	80 mm	10 mm	5 mm bottom/3 mm top	Titanium	Piece
17LS3=12-T	80 mm	12 mm	5 mm bottom/3 mm top	Titanium	Piece
17LS3=14	100 mm	14 mm	6 mm bottom/2.5 mm top	Stainless steel	Piece
17LS3=14-T	100 mm	14 mm	6 mm bottom/2.5 mm top	Titanium	Piece
17LS3=16-T	130 mm	16 mm	6 mm bottom/3 mm top	Titanium	Piece
17LS3=20	130 mm	20 mm	6 mm bottom/3 mm top	Stainless steel	Piece
17LS3=20-T	130 mm	20 mm	6 mm bottom, 3 mm top	Titanium	Piece



Side bar

Reference number 17LV3

Side bar for the unilateral joint system

Technical data

Article number	Width	Material	Quantity unit
17LV3=10	10 mm	Stainless steel	Piece
17LV3=12	12 mm	Stainless steel	Piece
17LV3=14	14 mm	Stainless steel	Piece
17LV3=16	16 mm	Stainless steel	Piece
17LV3=20	20 mm	Stainless steel	Piece
17LV3=L-16	16 mm	Stainless steel	Piece
17LV3=L-20	20 mm	Stainless steel	Piece
17LV3=R-16	16 mm	Stainless steel	Piece
17LV3=R-20	20 mm	Stainless steel	Piece

Locked knee joints – System joints – Wedge lock – Order form unilateral joint system

Company	<input type="text"/>	Date	<input type="text"/>
Technician	<input type="text"/>	Signature	<input type="text"/>
Customer no.	<input type="text"/>		

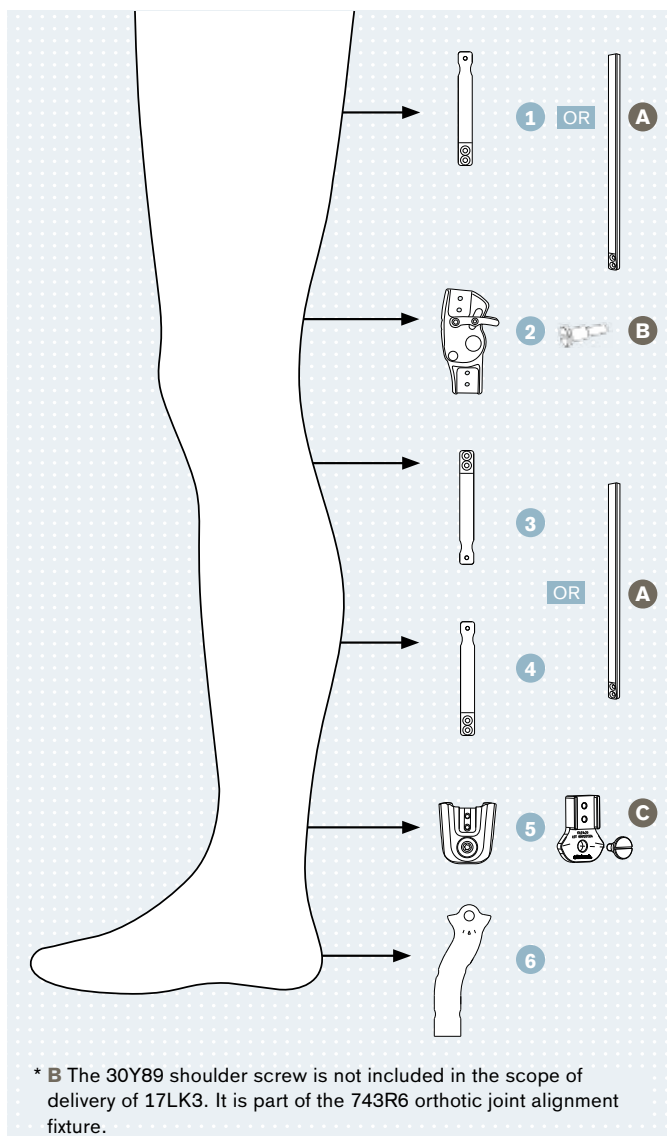
User information

Surname, first name Weight

Age Indication

Side Left Right Bilateral

The size chosen depends on the patient's weight and the conditions of use.



* **B** The 30Y89 shoulder screw is not included in the scope of delivery of 17LK3. It is part of the 743R6 orthotic joint alignment fixture.

1 Lamination bar 17LS3=* OR		A Extension bar 17LV3=*	
Steel version	Titanium version	Steel version	
<input type="checkbox"/> 17LS3=10	<input type="checkbox"/> 17LS3=10-T	<input type="checkbox"/> 17LV3=10	
<input type="checkbox"/> 17LS3=12	<input type="checkbox"/> 17LS3=12-T	<input type="checkbox"/> 17LV3=12	
<input type="checkbox"/> 17LS3=14	<input type="checkbox"/> 17LS3=14-T	<input type="checkbox"/> 17LV3=14	
<input type="checkbox"/> 17LS3=16	<input type="checkbox"/> 17LS3=16-T	<input type="checkbox"/> 17LV3=16	
<input type="checkbox"/> 17LS3=20	<input type="checkbox"/> 17LS3=20-T	<input type="checkbox"/> 17LV3=20	

2 Unilateral Knee Joint 17LK3=*		Side	B Shoulder screw*
Steel version	Titanium version	L R	
<input type="checkbox"/> 17LK3=12	<input type="checkbox"/> 17LK3=12-T	<input type="checkbox"/> L <input type="checkbox"/> R	<input type="checkbox"/> 30Y89
<input type="checkbox"/> 17LK3=14	<input type="checkbox"/> 17LK3=14-T	<input type="checkbox"/> L <input type="checkbox"/> R	<input type="checkbox"/> 30Y89
<input type="checkbox"/> 17LK3=16	<input type="checkbox"/> 17LK3=16-T	<input type="checkbox"/> L <input type="checkbox"/> R	<input type="checkbox"/> 30Y89
<input type="checkbox"/> 17LK3=20	<input type="checkbox"/> 17LK3=20-T	<input type="checkbox"/> L <input type="checkbox"/> R	<input type="checkbox"/> 30Y89

3, 4 Lamination bar 17LS3=* OR		A Extension bar 17LV3=*	
Steel version	Titanium version	Steel version	
<input type="checkbox"/> 17LS3=10	<input type="checkbox"/> 17LS3=10-T	<input type="checkbox"/> 17LV3=10	
<input type="checkbox"/> 17LS3=12	<input type="checkbox"/> 17LS3=12-T	<input type="checkbox"/> 17LV3=12	
<input type="checkbox"/> 17LS3=14	<input type="checkbox"/> 17LS3=14-T	<input type="checkbox"/> 17LV3=14	
<input type="checkbox"/> 17LS3=16	<input type="checkbox"/> 17LS3=16-T	<input type="checkbox"/> 17LV3=16	
<input type="checkbox"/> 17LS3=20	<input type="checkbox"/> 17LS3=20-T	<input type="checkbox"/> 17LV3=20	

5 Unilateral Ankle Joint 17LA3N=*		C Optional lamination dummy with shoulder screw
Steel version	Titanium version	
<input type="checkbox"/> 17LA3N=10	<input type="checkbox"/> 17LA3N=10-T	<input type="checkbox"/> 17LD1N=10
<input type="checkbox"/> 17LA3N=12	<input type="checkbox"/> 17LA3N=12-T	<input type="checkbox"/> 17LD1N=12
<input type="checkbox"/> 17LA3N=14	<input type="checkbox"/> 17LA3N=14-T	<input type="checkbox"/> 17LD1N=14
<input type="checkbox"/> 17LA3N=16	<input type="checkbox"/> 17LA3N=16-T	<input type="checkbox"/> 17LD1N=16
<input type="checkbox"/> 17LA3N=20	<input type="checkbox"/> 17LA3N=20-T	<input type="checkbox"/> 17LD1N=20

6 Foot stirrup (Steel) 17LF3N=*		
<input type="checkbox"/> 17LF3N=10	<input type="checkbox"/> 17LF3N=14	<input type="checkbox"/> 17LF3N=20
<input type="checkbox"/> 17LF3N=12	<input type="checkbox"/> 17LF3N=16	

KAFO/KO

Locked knee joints – System joints – Wedge lock



CarbonIQ knee joint

Reference number 17PK1

The 17PK1=* knee joint is a locked joint made of fibre-reinforced plastic with a pull-release cable. The locking system uses the latest technology for locked joints and offers a high level of security. It can be unlocked with one hand using the pull-release cable, making it very simple to use. The lock in the joint clicks into place automatically when standing up, without the risk of trapping clothes. Medial and lateral joints are straight.



Technical data

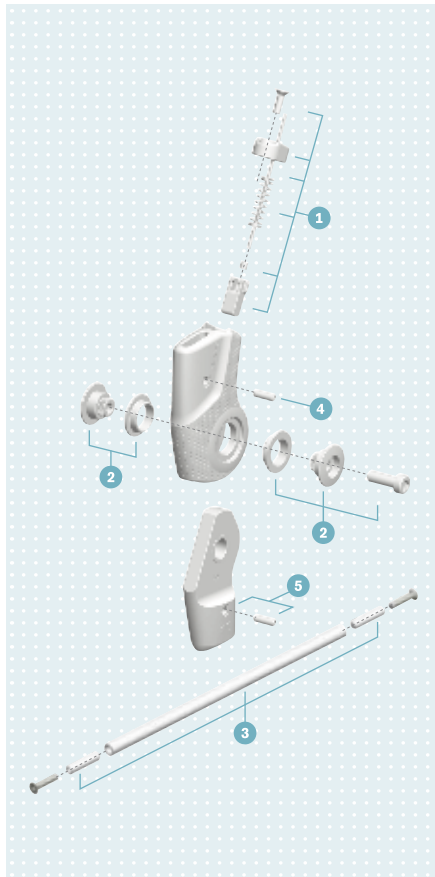
Article number	Side	Max. body weight	Quantity unit
17PK1=14	left, right	45 kg	Pair
17PK1=20	left, right	100 kg	Pair

- Attention: For waterproof walking aids, use the waterproof versions of the CarbonIQ joints (see Waterproof walking aids section).

Information material

646D578=EN_MASTER	17PK1/17PA1 information for practitioners
646T5=4.6EN	TI fabrication of a knee-ankle-foot orthosis using thermoplastic technology with CarbonIQ joint system
647G642=ALL_INT	17PK1 instructions for use

Spare parts for 17PK1=14



(1) Service set

Reference number 29PK1

Technical data

Article number	Scope of delivery	Quantity unit
29PK1=14	21A18=2 21A12 30Y286 30Y287 513D30=0.53X4.97X2 501S146=3.0X12	Set

(2) Service set

Reference number 29PK2

Technical data

Article number	Scope of delivery	Quantity unit
29PK2=14	501S84=M5X20 509G10=14X16X4.7 30Y288 30Y285	Set

(3) Adjustment aid

Reference number 29PK4

Technical data

Article number	Scope of delivery	Quantity unit
29PK4=14	1x flat head screw 1x paralleling tool 1x parallel retainer adapter	Set

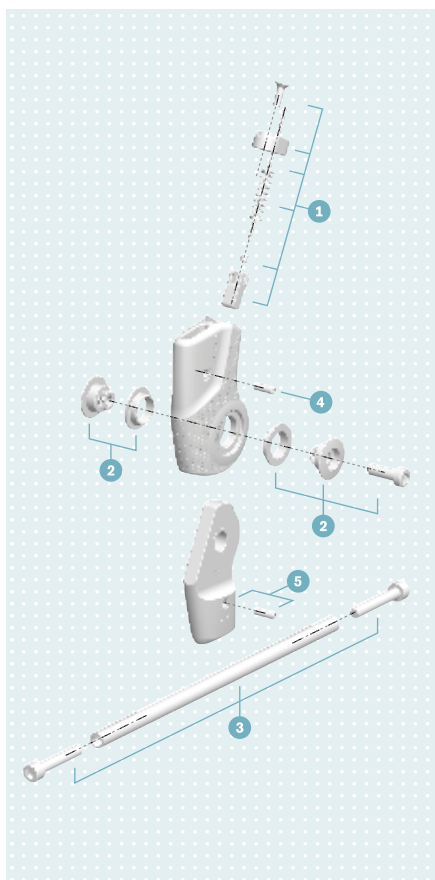
(4, 5) Set screw

Reference number 506G21

Technical data

Article number	Quantity unit
506G21=M4X12	Piece

Spare parts for 17PK1=20



(1) Service set

Reference number 29PK1

Technical data

Article number	Scope of delivery	Quantity unit
29PK1	21A18=2 513D52=1 21A12 30Y206 30Y207 501S146=4,0X12	Set

(2) Service set

Reference number 29PK2

Technical data

Article number	Scope of delivery	Quantity unit
29PK2	501T39=M6X18 509G10=14X16X5 30Y209 30Y210	Set

(3) Adjustment aid

Reference number 29PK4

Technical data

Article number	Scope of delivery	Quantity unit
29PK4	1x cap screw 1x paralleling tool	Set

(4, 5) Set screw

Reference number 506G3

Technical data

Article number	Quantity unit
506G3=M4X12	Piece

Accessory for 17PK1



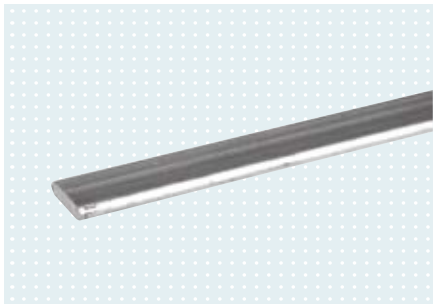
Stainless steel profile rod

Reference number 651P4

Suitable for fabricating system bars, with rounded edges, strength of approx. 800–950 N/mm², spot weldable

Technical data

Article number	Length	Width	Thickness
651P4=20	2,000 mm	20 mm	4 mm



Light metal profile bar

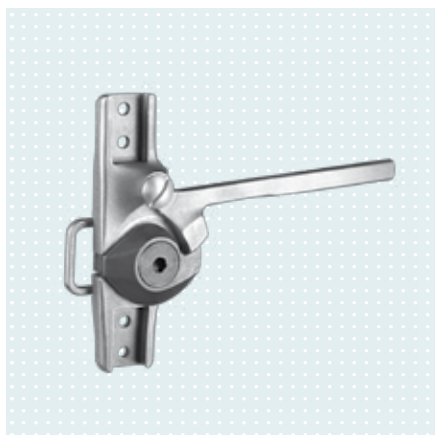
Reference number 605P8

Suitable for fabricating system splints, with rounded edges, strength approx. 400 N/mm²

Technical data

Article number	Length	Width
605P8=14	1000 mm	14 mm

636W28 special adhesive cartridge A and B are additional accessories for 17PK1. Please refer to the 646K1 materials catalogue for further information on these products.



System knee joint

Reference number 17B44

Locked knee joint with adjustable Swiss lock for positioning orthoses
Flexion angle adjustment up to max. 16° knee flexion and 100 kg body weight possible in gait orthoses
Contoured medial joint, straight lateral joint, Swiss lock with flexion adjustment



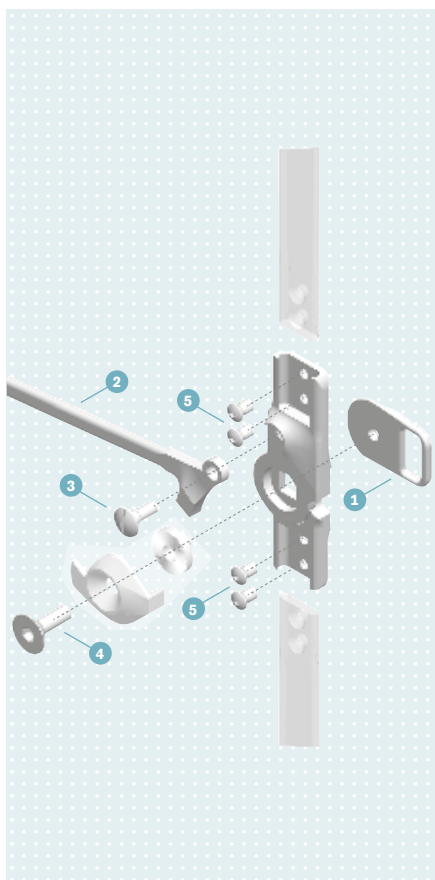
Technical data

Article number	Side	System width	Length from joint centre upper	Length from joint centre lower	Material	Quantity unit
17B44=L16	left (L)	16 mm	56 mm	38 mm	Stainless steel	Pair
17B44=R16	right (R)	16 mm	56 mm	38 mm	Stainless steel	Pair
17B44=L20	left (L)	20 mm	56 mm	38 mm	Stainless steel	Pair
17B44=R20	right (R)	20 mm	56 mm	38 mm	Stainless steel	Pair

Information material

647G43=ALL_INT 17B44 instructions for use

Spare parts for 17B44



(1) Knee cap ring plate

Reference number 17Y56

Technical data

Article number	Side	For system width	Material	Quantity unit
17Y56=L	left (L)	16 and 20 mm	Stainless steel	Piece
17Y56=R	right (R)	16 and 20 mm	Stainless steel	Piece

(2) Lock lever

Reference number 17Y57

Technical data

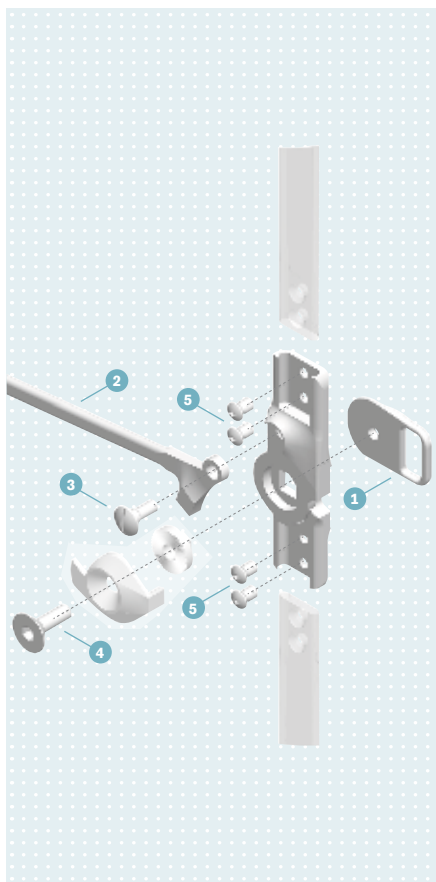
Article number	Side	For system width	Material	Quantity unit
17Y57=L	left (L)	16 and 20 mm	Stainless steel	Piece
17Y57=R	right (R)	16 and 20 mm	Stainless steel	Piece

(3) Oval head screw

Reference number 501A23

Technical data

Article number	Material	Quantity unit
501A23	Stainless steel	Piece



(4) Countersunk allen head screw

Reference number 501S55

Technical data

Article number	Quantity unit
501S55=M6X20X16	Piece

(5) Phillips oval countersunk head screw

Reference number 501T7

Technical data

Article number	for	Head Ø	Length	Material	Quantity unit
501T7=7.5X9XM5	System side bars	7.5 mm	9 mm	Stainless steel	Piece

Accessory for 17B44



System lamination bar

Reference number 17Y128

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	System width	Length	Thickness	Material	Quantity unit
17Y128=16X80	16 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=20X80	20 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=16X100	16 mm	100 mm	4 mm	Stainless steel	Piece
17Y128=20X100	20 mm	100 mm	4 mm	Stainless steel	Piece



System lamination bar with contoured calf

Reference number 17Y129

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17Y129=L16	left (L)	16 mm	100 mm	4 mm	Piece
17Y129=R16	right (R)	16 mm	100 mm	4 mm	Piece
17Y129=L20	left (L)	20 mm	100 mm	4 mm	Piece
17Y129=R20	right (R)	20 mm	100 mm	4 mm	Piece



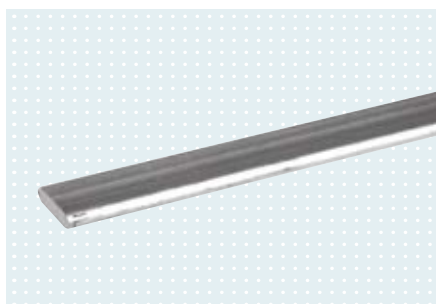
Stainless steel profile rod

Reference number 651P4

Suitable for fabricating system bars, with rounded edges, strength of approx. 800–950 N/mm², spot weldable

Technical data

Article number	Length	Width	Thickness
651P4=16	2,000 mm	16 mm	4 mm
651P4=20	2,000 mm	20 mm	4 mm



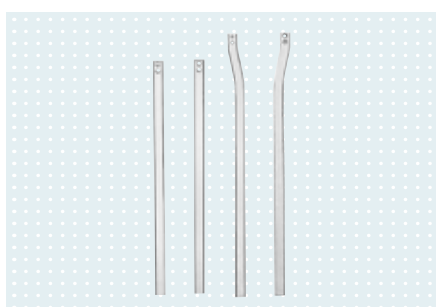
Light metal profile bar

Reference number 605P8

Suitable for fabricating system splints, with rounded edges, strength approx. 400 N/mm²

Technical data

Article number	Length	Width	Thickness
605P8=16	2,000 mm	16 mm	
605P8=20	2,000 mm	20 mm	



System side bar set

Reference number 17B38

Flat, consisting of two 17B4 and 17B4=T upper side bars and one 17B5 and 17B5=T lower side bar each for the left and right sides, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B38=16	16 mm	4 mm	Set
17B38=16-T	16 mm	4 mm	Set
17B38=20	20 mm	4 mm	Set
17B38=20-T	20 mm	4 mm	Set



System side bar set

Reference number 17B39

Consisting of two upper side bars and one left and one right lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B39=16	16 mm	5 mm	Set
17B39=20	20 mm	5 mm	Set



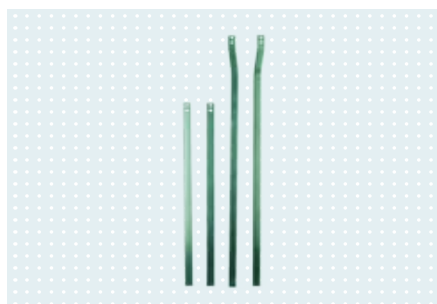
System side bar set

Reference number 17B85

Concave, consisting of two 17B88 upper side bars and one left and one right 17B89 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B85=16	16 mm	5 mm	Set
17B85=20	20 mm	5 mm	Set



System side bar set

Reference number 17B40

Overlength, flat, consisting of two 17B4 upper side bars and one left and one right 17B102 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B40=16	16 mm	4 mm	Set
17B40=20	20 mm	4 mm	Set



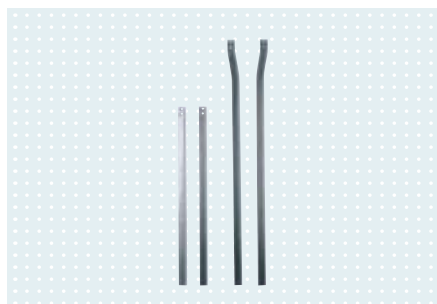
System side bar set

Reference number 17B84

Concave, consisting of two 17B86 upper side bars and one left and one right 17B87 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B84=16	16 mm	4 mm	Set
17B84=20	20 mm	4 mm	Set



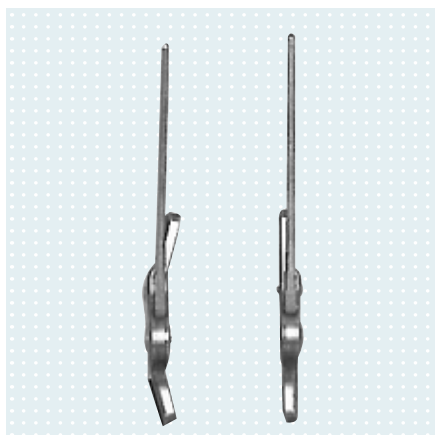
System side bar set, extra long

Reference number 17B41

Consisting of two 17B6 upper side bars and one left and one right 17B104 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B41=16	16 mm	5 mm	Set
17B41=20	20 mm	5 mm	Set



System knee joint

Reference number 17B23

Contoured medial joint, straight lateral joint, with centrally* fitted covered lock, lock lever points upwards



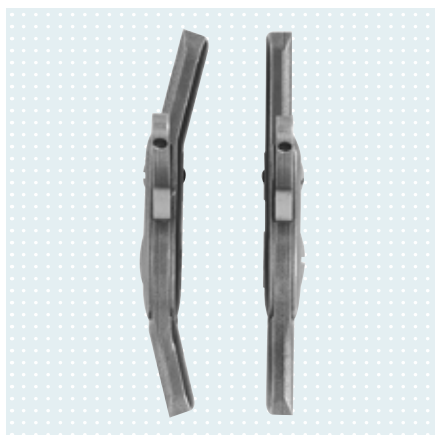
Technical data

Article number	Side	System width	Length from joint centre upper	Length from joint centre lower	Material	Quantity unit
17B23=L16	left (L)	16 mm	56 mm	38 mm	Stainless steel	Pair
17B23=R16	right (R)	16 mm	56 mm	38 mm	Stainless steel	Pair
17B23=L20	left (L)	20 mm	56 mm	38 mm	Stainless steel	Pair
17B23=R20	right (R)	20 mm	56 mm	38 mm	Stainless steel	Pair

* Attention: Eccentric and centric lock lever assemblies must not be interchanged; otherwise, the reliability of the locking function cannot be guaranteed!

Information material

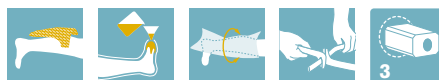
646F464=ALL_INT	KAFO selection guide
647G1527=ALL_INT	17B23 / 17B23=*K / 17B33 / 17B45 / 17B91 / 17B92 instructions for use



System knee joint

Reference number 17B23K

Contoured medial joint, straight lateral joint, with eccentrically* fitted covered lock, self-adjusting, short lock lever, with pull-release cable



Technical data

Article number	Side	System width	Length from joint centre upper	Length from joint centre lower	Material	Quantity unit
17B23=L16K	left (L)	16 mm	56 mm	38 mm	Stainless steel	Pair
17B23=R16K	right (R)	16 mm	56 mm	38 mm	Stainless steel	Pair
17B23=L20K	left (L)	20 mm	56 mm	38 mm	Stainless steel	Pair
17B23=R20K	right (R)	20 mm	56 mm	38 mm	Stainless steel	Pair

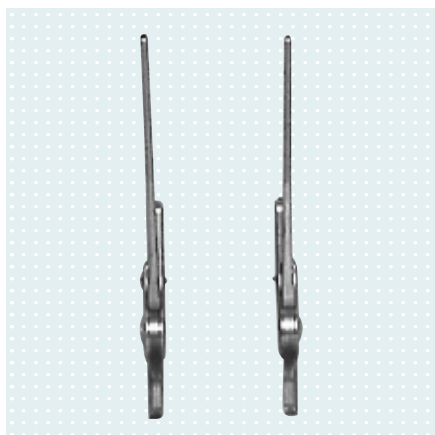
* Attention: Eccentric and centric lock lever assemblies must not be interchanged; otherwise, the reliability of the locking function cannot be guaranteed!

Information material

647G1527=ALL_INT	17B23 / 17B23=*K / 17B33 / 17B45 / 17B91 / 17B92 instructions for use
------------------	---

KAFO/KO

Locked knee joints – System joints – Covered Swiss lock



System knee joint

Reference number 17B45

Medial and lateral joint are straight, with centrally* fitted covered lock, lock lever points upwards



Technical data

Article number	System width	Length from joint centre upper	Length from joint centre lower	Material	Quantity unit
17B45=16	16 mm	56 mm	38 mm	Stainless steel	Pair
17B45=20	20 mm	56 mm	38 mm	Stainless steel	Pair

Information material

647G1527=ALL_INT 17B23 / 17B23=*K / 17B33 / 17B45 / 17B91 / 17B92 instructions for use

* Attention: Eccentric and centric lock lever assemblies must not be interchanged; otherwise, the reliability of the locking function cannot be guaranteed!



System knee joints

Reference number 17B92

Medial joint is contoured at the bottom and straight at the top, lateral joint is straight, with centrally* fitted covered lock, lock lever points upwards



Technical data

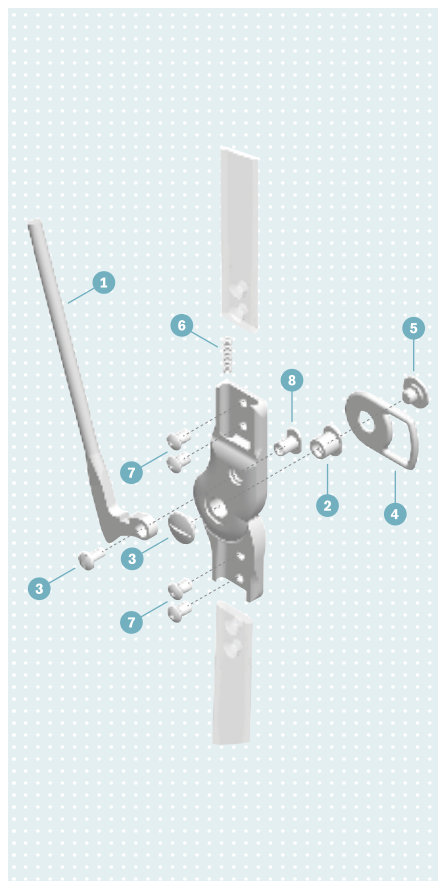
Article number	Side	System width	Length from joint centre upper	Length from joint centre lower	Material	Quantity unit
17B92=L16	left (L)	16 mm	56 mm	38 mm	Stainless steel	Pair
17B92=L20	left (L)	20 mm	56 mm	38 mm	Stainless steel	Pair
17B92=R16	right (R)	16 mm	56 mm	38 mm	Stainless steel	Pair
17B92=R20	right (R)	20 mm	56 mm	38 mm	Stainless steel	Pair

Information material

647G1527=ALL_INT 17B23 / 17B23=*K / 17B33 / 17B45 / 17B91 / 17B92 instructions for use

* Attention: Eccentric and centric lock lever assemblies must not be interchanged; otherwise, the reliability of the locking function cannot be guaranteed!

Spare parts for 17B23, 17B23K, 17B45, 17B92



(1) Short lock lever

Reference number 17Y104

Technical data

Article number	Material	Quantity unit
17Y104	Stainless steel	Piece

(1) Lock lever

Reference number 17Y20

Technical data

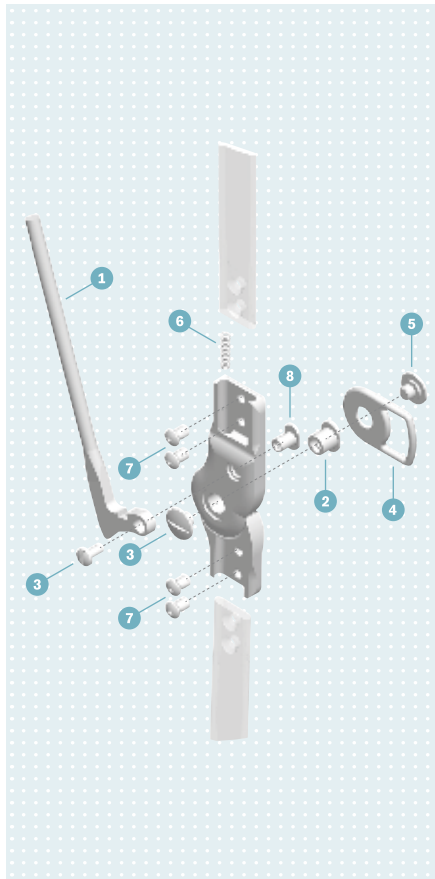
Article number	Material	Quantity unit
17Y20	Stainless steel	Piece

(2, 8) Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	Spare part for	Insertion length	Profile length	Shank length	Thread	Attachment Ø	Quantity unit
17Y93=6X9.15XM4	17B23=L16 17B23=L20 17B23=R16 17B23=R20 17B23=L16K 17B23=L20K 17B23=R16K 17B23=R20K 17B45=16 17B45=20 17B92=L16 17B92=L20 17B92=R16 17B92=R20	7.9 mm	12 mm	9.15 mm	M4	6 mm	Piece
17Y93=6.5X9.15XM4	17B23=L16 17B23=L20 17B23=R16 17B23=R20 17B23=L16K 17B23=L20K 17B23=R16K 17B23=R20K 17B45=16 17B45=20 17B92=L16 17B92=L20 17B92=R16 17B92=R20	7.9 mm	12 mm	9.15 mm	M4	6.5 mm	Piece
17Y93=9X9.2XM6	17B23=L16 17B23=L20 17B23=R16 17B23=R20 17B23=L16K 17B23=L20K 17B23=R16K 17B23=R20K 17B45=16 17B45=20 17B92=L16 17B92=L20 17B92=R16 17B92=R20	8 mm	14 mm	9.2 mm	M6	9 mm	Piece



Article number	Spare part for	Insertion length	Profile length	Shank length	Thread	Attachment Ø	Quantity unit
17Y93=9.5X9.2XM6	17B23=L16 17B23=L20 17B23=R16 17B23=R20 17B23=L16K 17B23=L20K 17B23=R16K 17B23=R20K 17B45=16 17B45=20 17B92=L16 17B92=L20 17B92=R16 17B92=R20	8 mm	14 mm	9.2 mm	M6	9.5 mm	Piece

(3) Slotted truss head screw

Reference number 501S32

Technical data

Article number	For system width	Head Ø	Length	Thread	Material	Quantity unit
501S32=M4X8X11.5	16 and 20 mm	8 mm	11.5 mm	M4	Stainless steel	Piece
501S32=M6X14X7.5	16 and 20 mm	14 mm	7.5 mm	M6	Stainless steel	Piece
501S32=M6X14X12	16 and 20 mm	14 mm	12 mm	M6	Stainless steel	Piece

(4) Knee cap ring plate

Reference number 17Y84

Technical data

Article number	Accessories for	Quantity unit
17Y84	17B33=L20 17B33=R20 17B91=L20 17B91=R20 17B33=R16 17B33=L16 17B91=L16 17B91=R16	Piece

(5) Oval head screw, slotted and partially threaded

Reference number 501A11

Technical data

Article number	Spare part for	Thread	Attachment Ø	Head Ø	Material	Quantity unit
501A11=14X9XM6	17B23=L16 17B23=L20 17B23=R16 17B23=R20 17B23=L16K 17B23=L20K 17B23=R16K 17B23=R20K 17B45=16 17B45=20 17B92=L16 17B92=L20 17B92=R16 17B92=R20	M6	9 mm	14 mm	Stainless steel	Piece

(6) Compression spring

Reference number 513D19

Technical data

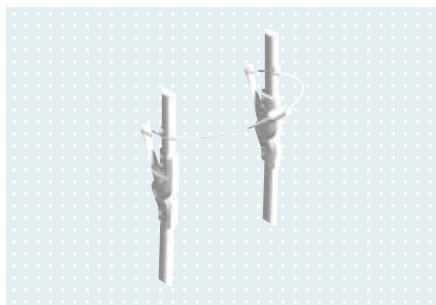
Article number	Spare part for	Quantity unit
513D19=3.8X16	17B23=L16 17B23=L20 17B23=R16 17B23=R20 17B23=L16K 17B23=L20K 17B23=R16K 17B23=R20K 17B45=16 17B45=20 17B92=L16 17B92=L20 17B92=R16 17B92=R20	Piece

(7) Phillips oval countersunk head screw

Reference number 501T7

Technical data

Article number	for	Head Ø	Length	Material	Quantity unit
501T7=7.5X9XM5	System side bars	7,5 mm	9 mm	Stainless steel	Piece



Pull-release cable

Reference number 17MS30

The pull-release cable can be positioned anterior or posterior. Thanks to the change of direction, less force is required for pulling.

Technical data

Article number	Accessories for	Quantity unit
17MS30=A	17B23=L16 17B23=L20 17B23=R16 17B23=R20 17B23=L16K 17B23=L20K 17B23=R16K 17B23=R20K 17B45=16 17B45=20 17B92=L16 17B92=L20 17B92=R16 17B92=R20	Pair

Information material

647G303 17MS30=A instructions for use

- Side bars must be ordered separately.
- The pull-release cable can be installed in the anterior or posterior position.
- Thanks to the change of direction, less force is required for pulling.

Accessory for 17B23, 17B23K, 17B45, 17B92



System lamination bar

Reference number 17Y128

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	System width	Length	Thickness	Material	Quantity unit
17Y128=16X80	16 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=20X80	20 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=16X100	16 mm	100 mm	4 mm	Stainless steel	Piece
17Y128=20X100	20 mm	100 mm	4 mm	Stainless steel	Piece



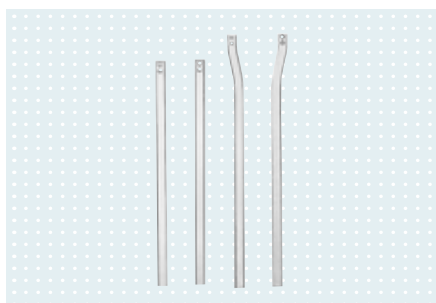
System lamination bar with contoured calf

Reference number 17Y129

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17Y129=L16	left (L)	16 mm	100 mm	4 mm	Piece
17Y129=R16	right (R)	16 mm	100 mm	4 mm	Piece
17Y129=L20	left (L)	20 mm	100 mm	4 mm	Piece
17Y129=R20	right (R)	20 mm	100 mm	4 mm	Piece



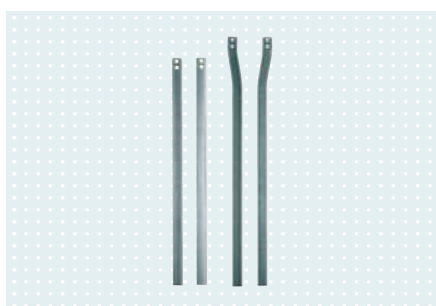
System side bar set

Reference number 17B38

Flat, consisting of two 17B4 and 17B4=T upper side bars and one 17B5 and 17B5=T lower side bar each for the left and right sides, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B38=16	16 mm	4 mm	Set
17B38=16-T	16 mm	4 mm	Set
17B38=20	20 mm	4 mm	Set
17B38=20-T	20 mm	4 mm	Set



System side bar set

Reference number 17B39

Consisting of two upper side bars and one left and one right lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B39=16	16 mm	5 mm	Set
17B39=20	20 mm	5 mm	Set



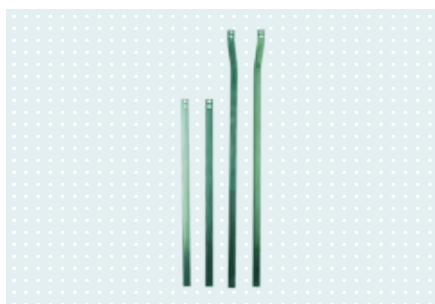
System side bar set

Reference number 17B85

Concave, consisting of two 17B88 upper side bars and one left and one right 17B89 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B85=16	16 mm	5 mm	Set
17B85=20	20 mm	5 mm	Set



System side bar set

Reference number 17B40

Overlength, flat, consisting of two 17B4 upper side bars and one left and one right 17B102 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B40=16	16 mm	4 mm	Set
17B40=20	20 mm	4 mm	Set



System side bar set

Reference number 17B84

Concave, consisting of two 17B86 upper side bars and one left and one right 17B87 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B84=16	16 mm	4 mm	Set
17B84=20	20 mm	4 mm	Set



System side bar set, extra long

Reference number 17B41

Consisting of two 17B6 upper side bars and one left and one right 17B104 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B41=16	16 mm	5 mm	Set
17B41=20	20 mm	5 mm	Set

KAFO/KO

Locked knee joints – System joints – Covered Swiss lock



System knee joint

Reference number 17B91

Medial joint is contoured at the bottom and straight at the top, lateral joint is straight, with centrally* fitted covered lock, lock lever points downwards



Technical data

Article number	Side	System width	Material	Quantity unit
17B91=L16	left (L)	16 mm	Stainless steel	Pair
17B91=R16	right (R)	16 mm	Stainless steel	Pair
17B91=L20	left (L)	20 mm	Stainless steel	Pair
17B91=R20	right (R)	20 mm	Stainless steel	Pair

Information material

647G1527=ALL_INT 17B23 / 17B23=*K /
17B33 / 17B45 / 17B91 /
17B92 instructions for use



System knee joint

Reference number 17B33

Medial joint is contoured, lateral joint is straight, with covered lock, lock lever points downward



Technical data

Article number	Side	System width	Material	Quantity unit
17B33=L16	left (L)	16 mm	Stainless steel	Pair
17B33=L20	left (L)	20 mm	Stainless steel	Pair
17B33=R16	right (R)	16 mm	Stainless steel	Pair
17B33=R20	right (R)	20 mm	Stainless steel	Pair

Information material

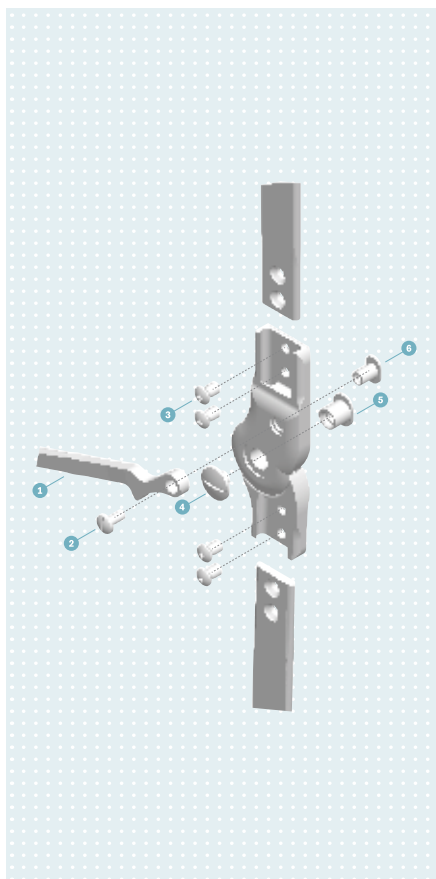
647G1527=ALL_INT 17B23 / 17B23=*K /
17B33 / 17B45 / 17B91 /
17B92 instructions for use



Practical recommendation 17B33

Lamination dummy for lamination resin technique: 17Y103

Spare parts for 17B91, 17B33

**(1) Lock lever**

Reference number 17Y34

Technical data

Article number	Spare part for	Material	Quantity unit
17Y34	17B33=L16 17B33=L20 17B33=R16 17B33=R20 17B91=L16 17B91=L20 17B91=R16 17B91=R20	Stainless steel	Piece

(2) Slotted truss head screw

Reference number 501S32

Technical data

Article number	Spare part for	Thread	Length	Material	Quantity unit
501S32=M4X8X11.5	17B33=L16 17B33=L20 17B33=R16 17B33=R20 17B91=L16 17B91=L20 17B91=R16 17B91=R20	M4	11.5 mm	Stainless steel	Piece

(3) Screw set, Phillips

Reference number 17Y97

Technical data

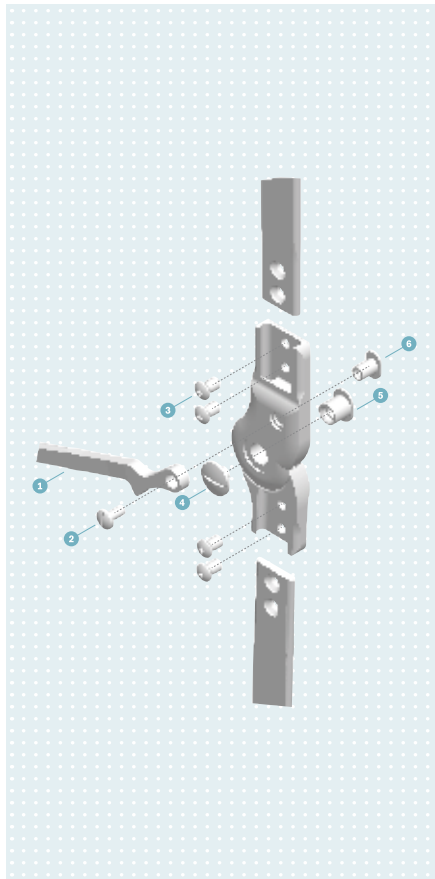
Article number	Spare part for	Quantity unit
17Y97	17B33=L16 17B33=R16 17B33=L20 17B33=R20 17B91=R20 17B91=L20 17B91=R16 17B91=L16	Set

(4) Slotted truss head screw

Reference number 501S32

Technical data

Article number	Spare part for	Thread	Length	Material	Quantity unit
501S32=M6X14X12	17B33=L16 17B33=L20 17B33=R16 17B33=R20 17B91=L16 17B91=L20 17B91=R16 17B91=R20	M6	12 mm	Stainless steel	Piece



(5) Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	Spare part for	Thread	Shank length	Attachment Ø	Quantity unit
17Y93=9X9.2XM6	17B33=L16 17B33=L20 17B33=R16 17B33=R20 17B91=L16 17B91=L20 17B91=R16 17B91=R20	M6	9.2 mm	9 mm	Piece

(6) Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	Spare part for	Thread	Shank length	Attachment Ø	Quantity unit
17Y93=6X9.15XM4	17B33=L16 17B33=L20 17B33=R16 17B33=R20 17B91=L16 17B91=L20 17B91=R16 17B91=R20	M4	9.15 mm	6 mm	Piece

Accessory for 17B91, 17B33

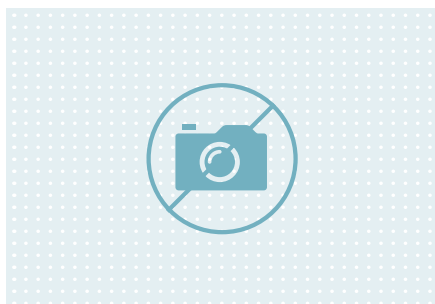


Knee cap ring plate

Reference number 17Y84

Technical data

Article number	Accessories for	Quantity unit
17Y84	17B33=L16 17B33=L20 17B33=R16 17B33=R20 17B91=L16 17B91=L20 17B91=R16 17B91=R20	Piece



Oval head screw, slotted and partially threaded

Reference number 501A11

Technical data

Article number	Accessories for	Thread	Attachment Ø	Head Ø	Material	Quantity unit
501A11=14X9XM6	17B33=L16 17B33=L20 17B33=R16 17B33=R20 17B91=L16 17B91=L20 17B91=R16 17B91=R20	M6	9 mm	14 mm	Stainless steel	Piece



Slotted truss head screw

Reference number 501S32

Technical data

Article number	Accessories for	Thread	Length	Material	Quantity unit
501S32=M6X14X7.5	17B33=L16 17B33=L20 17B33=R16 17B33=R20 17B91=L16 17B91=L20 17B91=R16 17B91=R20	M6	7.5 mm	Stainless steel	Piece



System lamination bar

Reference number 17Y128

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	System width	Length	Thickness	Material	Quantity unit
17Y128=16X80	16 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=20X80	20 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=16X100	16 mm	100 mm	4 mm	Stainless steel	Piece
17Y128=20X100	20 mm	100 mm	4 mm	Stainless steel	Piece



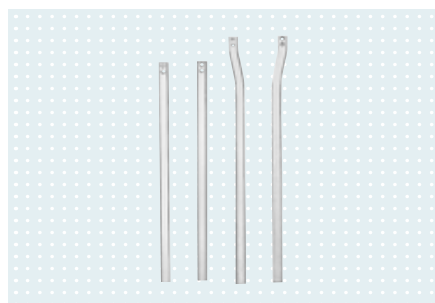
System lamination bar with contoured calf

Reference number 17Y129

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17Y129=L16	left (L)	16 mm	100 mm	4 mm	Piece
17Y129=R16	right (R)	16 mm	100 mm	4 mm	Piece
17Y129=L20	left (L)	20 mm	100 mm	4 mm	Piece
17Y129=R20	right (R)	20 mm	100 mm	4 mm	Piece



System side bar set

Reference number 17B38

Flat, consisting of two 17B4 and 17B4=T upper side bars and one 17B5 and 17B5=T lower side bar each for the left and right sides, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B38=16	16 mm	4 mm	Set
17B38=16-T	16 mm	4 mm	Set
17B38=20	20 mm	4 mm	Set
17B38=20-T	20 mm	4 mm	Set



System side bar set

Reference number 17B39

Consisting of two upper side bars and one left and one right lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B39=16	16 mm	5 mm	Set
17B39=20	20 mm	5 mm	Set



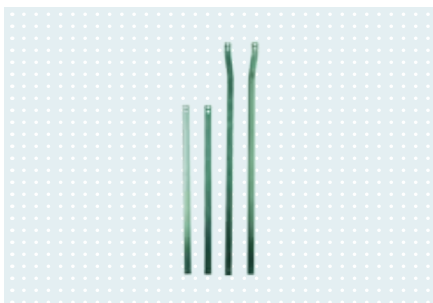
System side bar set

Reference number 17B85

Concave, consisting of two 17B88 upper side bars and one left and one right 17B89 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B85=16	16 mm	5 mm	Set
17B85=20	20 mm	5 mm	Set



System side bar set

Reference number 17B40

Overlength, flat, consisting of two 17B4 upper side bars and one left and one right 17B102 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B40=16	16 mm	4 mm	Set
17B40=20	20 mm	4 mm	Set



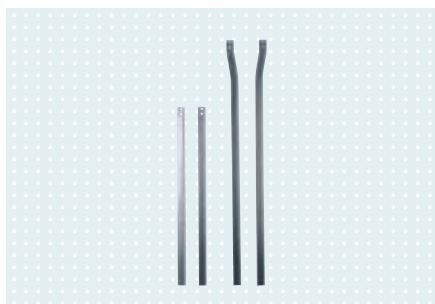
System side bar set

Reference number 17B84

Concave, consisting of two 17B86 upper side bars and one left and one right 17B87 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B84=16	16 mm	4 mm	Set
17B84=20	20 mm	4 mm	Set



System side bar set, extra long

Reference number 17B41

Consisting of two 17B6 upper side bars and one left and one right 17B104 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B41=16	16 mm	5 mm	Set
17B41=20	20 mm	5 mm	Set

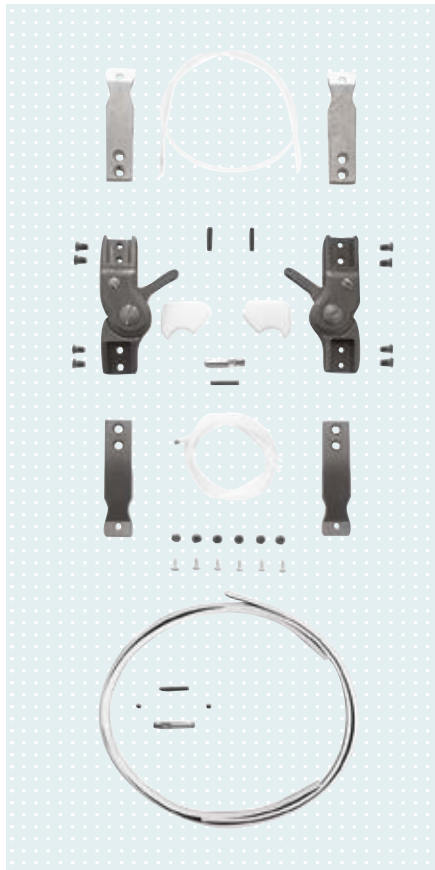


Oval head screw, slotted and partially threaded

Reference number 501A11

Technical data

Article number	Thread	Attachment Ø	Head Ø	Material	Quantity unit
501A11=8X3.5XM3.5	M3.5	3,5 mm	8 mm	Stainless steel	Piece
501A11=11X5XM4	M4	5 mm	11 mm	Stainless steel	Piece
501A11=12X5XM5	M5	5 mm	12 mm	Stainless steel	Piece
501A11=12X6XM5	M5	6 mm	12 mm	Stainless steel	Piece
501A11=12X7XM6	M6	7 mm	12 mm	Stainless steel	Piece
501A11=14X7XM6	M6	7 mm	14 mm	Stainless steel	Piece
501A11=14X9XM6	M6	9 mm	14 mm	Stainless steel	Piece



System knee joint set

Reference number 17B97

The 17B97 component set includes compatible components designed to facilitate the fabrication of fibre composite lower limb orthoses. The system knee joints with a concealed lock and short lock lever are designed especially for cable pull release.



Technical data

Article number	Side	System width	Quantity unit
17B97=L16	left (L)	16 mm	Set
17B97=R16	right (R)	16 mm	Set
17B97=L20	left (L)	20 mm	Set
17B97=R20	right (R)	20 mm	Set

Information material

647G1537=ALL_INT 17B97 instructions for use

Scope of delivery

17B23K	System orthotic knee joint	1	Pair
17Y103	Lamination dummy for lamination resin technique	2	Piece
17Y106	PVC profile bars	2	Piece
17Y128	System lamination bar	4	Piece
21A18	Perlon cable	1	Piece
21A12	Threaded fitting, short	2	Set
21A7	Coupling piece	1	Piece
21A25	Spring	1	Piece
504H1	Double hollow rivet	6	Piece

Accessory for 17B97



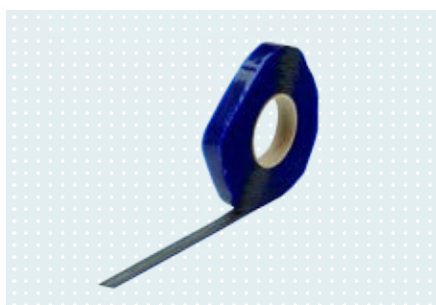
Short lock lever

Reference number 17Y104

Lock lever, stainless steel

Technical data

Article number	Material	Quantity unit
17Y104	Stainless steel	Piece



Plastaband

Reference number 636K8

Plastic tape for sealing, filling and protection during work with lamination resin technique, e.g., for orthotic joints.

Technical data

Article number	Length	Width	Thickness	Colour
636K8=20X2X10	10 m	20 mm	2 mm	Grey

636W18 special adhesive and **636W19** hardener are additional accessories for **17B97**. Please refer to the **646K1** materials catalogue for further information on these products.



Aqualine orthotic system

The Aqualine orthotic system is a waterproof walking aid for orthosis wearers which offers the user the greatest possible safety with simultaneous freedom of movement.

- All of its components are specially designed for contact with water
- The orthosis is lightweight thanks to its high-quality carbon material
- The orthosis is easy to clean

i Information for specialist dealers

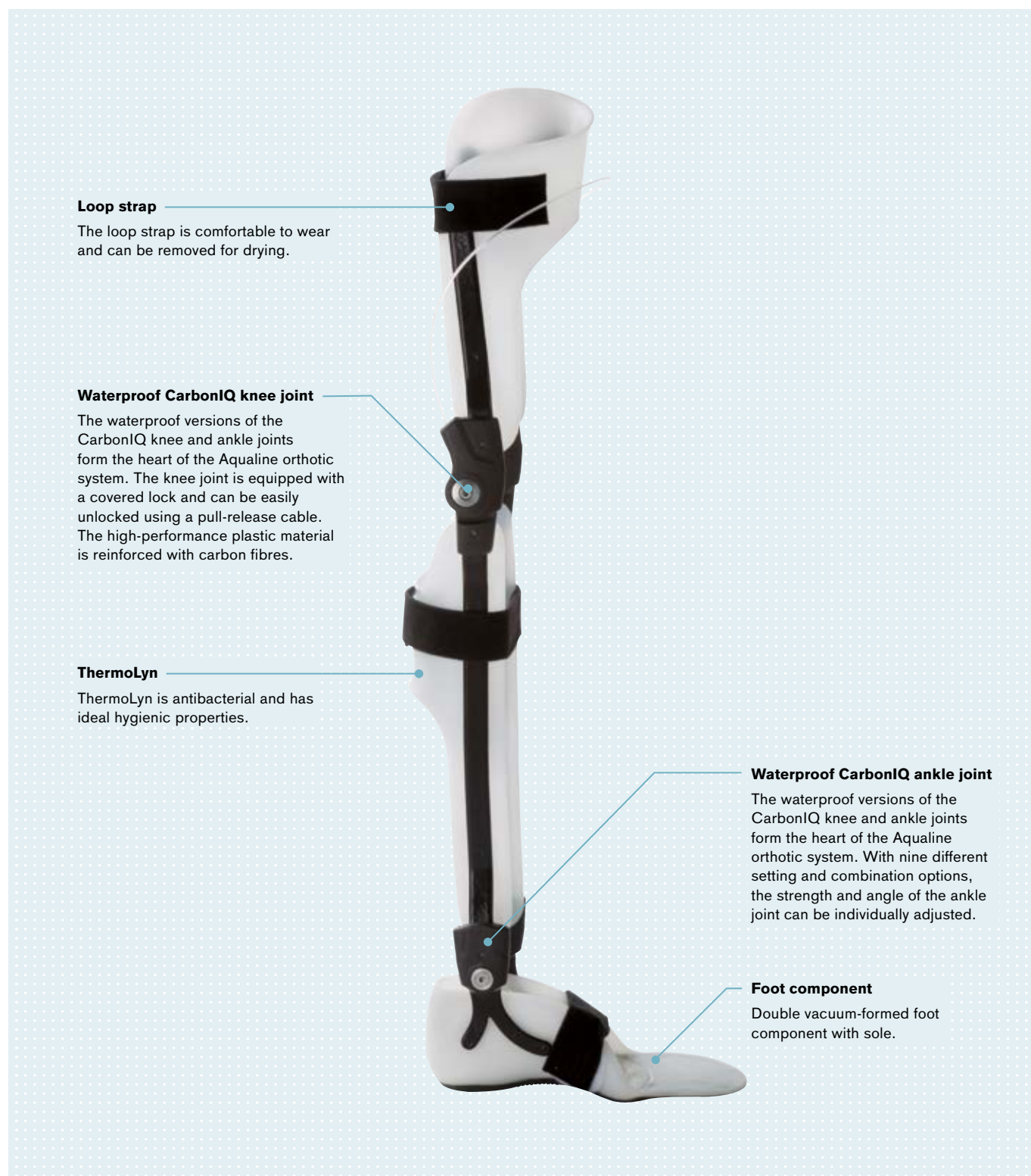
- All components in a waterproof walking aid should be waterproof and easy to wash.
- We generally recommend the use of a full-surface non-skid sole or a bathing shoe, as well as the use of a knee joint with lock.
- We recommend the use of antibacterial materials.
- The waterproof walking aid should have minimal contact with the skin.

Information material

646D638=EN_INT	Aqualine orthotic system information for practitioners
646H12=EN_INT	Aqualine orthotic system user information
646T5=4.6EN	T1 fabrication of a knee-ankle-foot orthosis using thermoplastic technology with CarbonIQ joint system
647G798	17PK1=-WR instructions for use
647G799	17PA1=-WR instructions for use

Aqualine

The solution for wet areas



Components of the Aqualine orthotic systems



Waterproof CarbonIQ knee joint

Reference number 17PK1=*-WR

The 17PK1=*-WR knee joint is the waterproof version of the 17PK1 CarbonIQ knee joint. It is a locked joint made of fibre-reinforced plastic with a pull-release cable. The locking system uses the latest technology for locked joints and offers a high level of security. It can be unlocked with one hand using the pull-release cable, making it very simple to use. The lock in the joint clicks into place automatically when standing up, without the risk of trapping clothes.

Contoured medial joint, straight lateral joint



Technical data

Article number	Side	Max. body weight	Material	Quantity unit
17PK1=L14-WR	left (L)	45 kg	Plastic reinforced with carbon fibre	Pair
17PK1=R14-WR	right (R)	45 kg	Plastic reinforced with carbon fibre	Pair
17PK1=L20-WR	left (L)	100 kg	Plastic reinforced with carbon fibre	Pair
17PK1=R20-WR	right (R)	100 kg	Plastic reinforced with carbon fibre	Pair



Waterproof CarbonIQ orthotic ankle joint

Reference number 17PA1=*-WR

The 17PA1=*-WR ankle joint is the waterproof version of the 17PA1 CarbonIQ ankle joint. The double-action joint offers the most versatile fitting by far. Various possibilities for settings and combinations allow the functions of this type of joint to be adapted to the user's requirements at any time, even if these change over the course of the fitting. Different versions to influence plantar flexion and dorsal extension are available.



Technical data

Article number	Max. body weight	Material	Quantity unit
17PA1=14-WR	45 kg	Plastic reinforced with carbon fibre	Pair
17PA1=20-WR	100 kg	Plastic reinforced with carbon fibre	Pair



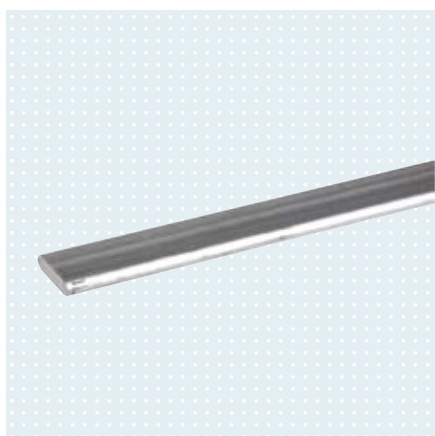
Foot stirrup

Reference number 17PF1

Foot stirrup for 17PA1 and 17PA1=*-WR

Technical data

Article number	Accessories for	Material	Quantity unit
17PF1=14	17PA1=14 17PA1=14-WR	Stainless steel	Piece
17PF1	17PA1=20 17PA1=20-WR	Stainless steel	Piece



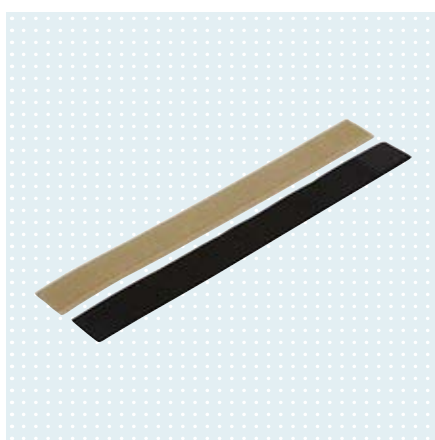
Light metal profile bar

Reference number 605P8

Suitable for fabricating system splints, with rounded edges, strength approx. 400 N/mm²

Technical data

Article number	Length	Width	Thickness	Quantity unit
605P8=14	1000 mm	14 mm	5 mm	Piece
605P8=20	2000 mm	20 mm	5 mm	Piece



Hook-and-loop strap

Reference number 170Z4

Technical data

Article number	Length	Width	Material	Colour	Quantity unit
170Z4=400-7	400 mm	40 mm	Polyamide	Black	Piece
170Z4=600-7	600 mm	40 mm	Polyamide	Black	Piece



ThermoLyn PP-H

Reference number 616T*

Technical data

Article number	Length	Width	Thickness	Colour
616T20=2000X5	2000 mm	1000 mm	5 mm	Natural colour
616T20=2000X6	2000 mm	1000 mm	6 mm	Natural colour

Information material

646F265=DE_INT

Poster: thermoplastics



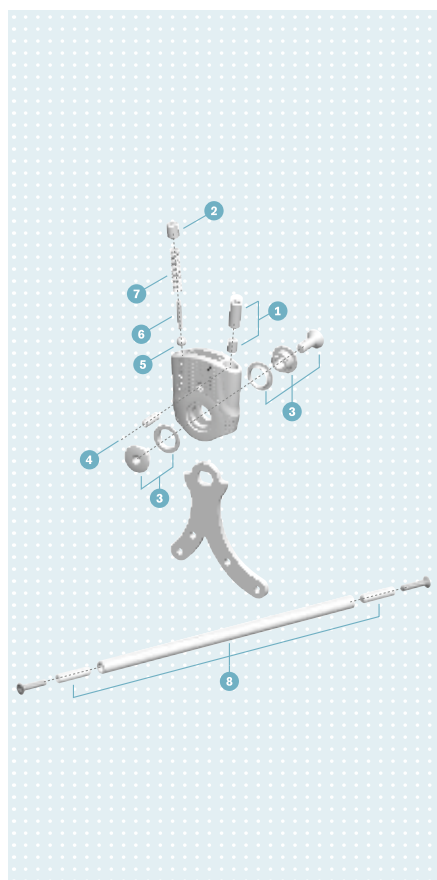
Flat head screw

Reference number 501S84

Technical data

Article number	Quantity unit
501S84=M4X8	Piece

Spare parts for 17PA1=14-WR

**(1) Set of Stops**

Reference number 30G79

Technical data

Article number	Scope of delivery	Quantity unit
30G79	1x set screw 1x cylinder Pin	Set

(2) Set screw with end bore

Reference number 30Y289

Technical data

Article number	Quantity unit
30Y289	Piece

(3) Service set

Reference number 29PA1

Technical data

Article number	Scope of delivery	Quantity unit
29PA1=14	1x 501S84=M6X14 1x 30Y215 1x 509G10=12X13X3 1x 30Y214	Set

(4) Set screw

Reference number 506G21

Technical data

Article number	Quantity unit
506G21=M4X12	Piece

(5) Bearing ball

Reference number 509Y1

Technical data

Article number	Quantity unit
509Y1=5.0	Piece

(6) Cylinder Pin

Reference number 506A8

Technical data

Article number	Quantity unit
506A8=2X16	Piece

(7) Compression spring

Reference number 513D87

Technical data

Article number	Quantity unit
513D87=0.75X2.95X2	Piece

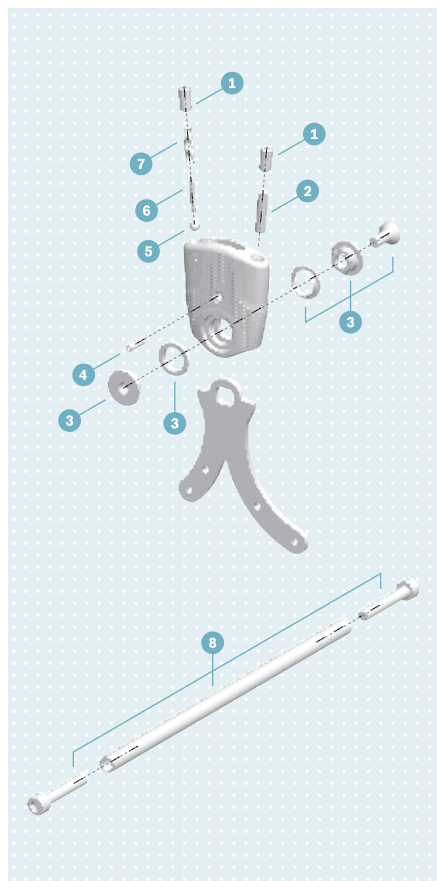
(8) Adjustment aid

Reference number 29PK4

Technical data

Article number	Scope of delivery	Quantity unit
29PK4=14	1x flat head screw 1x paralleling tool 1x parallel retainer adapter	Set

Spare parts for 17PA1=20-WR



(1) Set screw

Reference number 506G21

Technical data

Article number	Quantity unit
506G21=M6X14	Piece

(2) Stop pin

Reference number 506A27

Technical data

Article number	Quantity unit
506A27=5M6X20	Piece

(3) Service set

Reference number 29PA1

Technical data

Article number	Scope of delivery	Quantity unit
29PA1	1x 501S84=M6X14 1x 30Y215 1x 30Y214 1x 509G10=12X13X3	Set

(4) Set screw

Reference number 506G21

Technical data

Article number	Quantity unit
506G21=M4X12	Piece

(5) Bearing ball

Reference number 509Y1

Technical data

Article number	Quantity unit
509Y1=5.0	Piece

(6) Stop pin (small)

Reference number 506A5

Technical data

Article number	Quantity unit
509Y1=5.0	Piece

(7) Compression spring

Reference number 513D18

Technical data

Article number	Quantity unit
509Y1=5.0	Piece

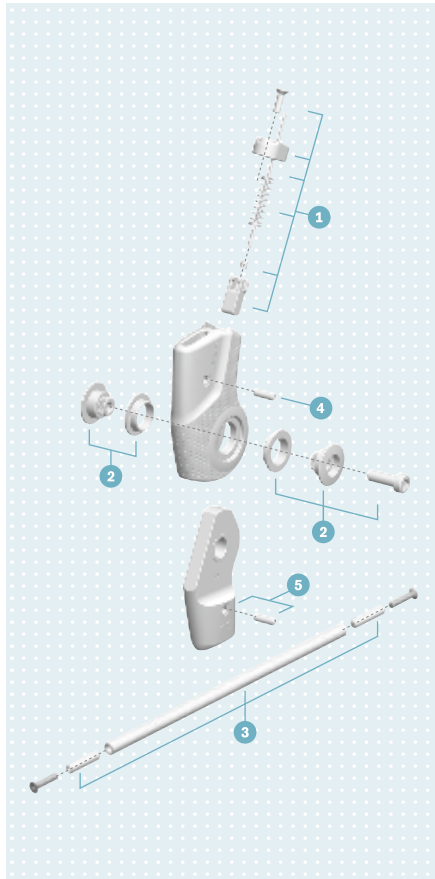
(8) Adjustment aid

Reference number 29PK4

Technical data

Article number	Scope of delivery	Quantity unit
29PK4	1x cap screw 1x paralleling tool	Set

Spare parts for 17PK1=L/R14-WR



(1) Service set

Reference number 29PK1

Technical data

Article number	Scope of delivery	Quantity unit
29PK1=14	21A18=2 21A12 30Y286 30Y287 513D30=0.53X4.97X2 501S146=3.0X12	Set

(2) Service set

Reference number 29PK2

Technical data

Article number	Scope of delivery	Quantity unit
29PK2=14	501S84=M5X20 509G10=14X16X4.7 30Y288 30Y285	Set

(3) Adjustment aid

Reference number 29PK4

Technical data

Article number	Scope of delivery	Quantity unit
29PK4=14	1x flat head screw 1x paralleling tool 1x parallel retainer adapter	Set

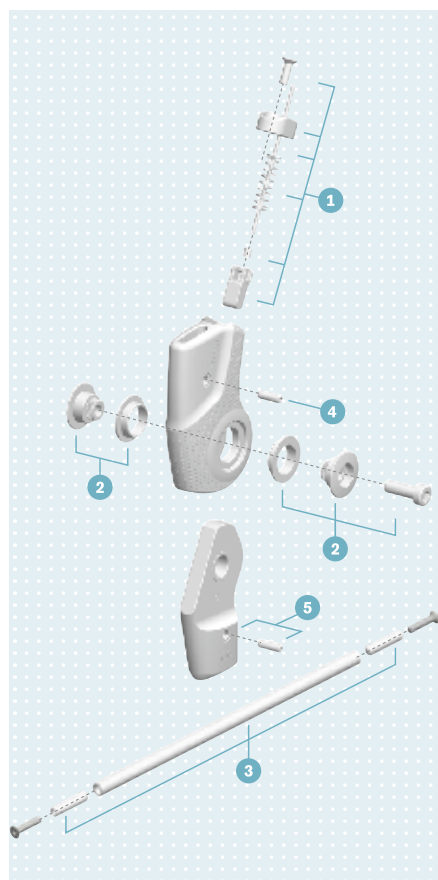
(4, 5) Set screw

Reference number 506G21

Technical data

Article number	Quantity unit
506G21=M4X12	Piece

Spare parts for 17PK1=L/R20-WR

**(1) Service set**

Reference number 29PK1

Technical data

Article number	Scope of delivery	Quantity unit
29PK1	21A18=2 513D52=1 21A12 30Y206 30Y207 501S146=4.0X12	Set

(2) Service set

Reference number 29PK2

Technical data

Article number	Scope of delivery	Quantity unit
29PK2	501T39=M6X18 509G10=14X16X5 30Y209 30Y210	Set

(3) Adjustment aid

Reference number 29PK4

Technical data

Article number	Scope of delivery	Quantity unit
29PK4	1x cap screw 1x paralleling tool	Set

(4, 5) Set screw


Reference number 506G3

Technical data

Article number	Quantity unit
506G3=M4X12	Piece

Waterproof walking aid – Aqualine orthotic system order form

Customer		Shipping address (if different from customer address)	
Customer no.	<input type="text"/>	Customer no.	<input type="text"/>
Company	<input type="text"/>	Company	<input type="text"/>
Street	<input type="text"/>	Street	<input type="text"/>
Postal code/city	<input type="text"/>	Postal code/city	<input type="text"/>
Phone number	<input type="text"/>	Phone number	<input type="text"/>
Orthotist	<input type="text"/>	Patient name	<input type="text"/>

Components for modular design	Quantity	Designation	Article number	Delivery unit
	<input type="text"/>	Loop strap	170Z4= <input type="checkbox"/> 600-7 <input type="checkbox"/> 400-7	600 mm / piece 400 mm / piece
	<input type="text"/>	Self-adhesive loop strap	623Z7= <input type="checkbox"/> W25	1 m
	<input type="text"/>	Y-hook-and-loop	170D21=38-7	Piece
	<input type="text"/>	Aluminium bar	605P8=20 605P8=14	2 m bar profile 1 m bar profile
	<input type="text"/>	Sintering powder	618T40=S	4 kg
	<input type="text"/>	Waterproof CarbonIQ knee joints	17PK1= <input type="checkbox"/> L20-WR <input type="checkbox"/> R20-WR <input type="checkbox"/> L14-WR <input type="checkbox"/> R14-WR	Pair
	<input type="text"/>	Antibacterial ThermoLyn® (PPH)	616T420= <input type="checkbox"/> 5mm thick <input type="checkbox"/> 6mm thick	2 x 1 m sheet
	<input type="text"/>	Flat head screw	501S84=M4x8	Piece
	<input type="text"/>	Waterproof CarbonIQ ankle joints	17PA1= <input type="checkbox"/> 20-WR <input type="checkbox"/> 14-WR	Pair
	<input type="text"/>	Foot stirrup	17PF1 (for size =20) 17PF1=14	Pair
	<input type="text"/>	Ottobock special adhesive	636W18 636W19	Piece

Date Place Signature



Polycentric knee joint bars with gear drive

Reference number 7U56

Joints with interchangeable stops to limit extension as well as flexion, concave half-round bar profile, joint bars of thermoplastic synthetic material, forming temperature of 150 °C/302 °F



Technical data

Article number	Length from joint centre upper	Length from joint centre lower	Pivot point distance	Bar width	Joint bar thickness	Colour	Quantity unit
7U56=S	270 mm	270 mm	16 mm	25 mm	5.5 mm	Black	Pair

Information material

647G65

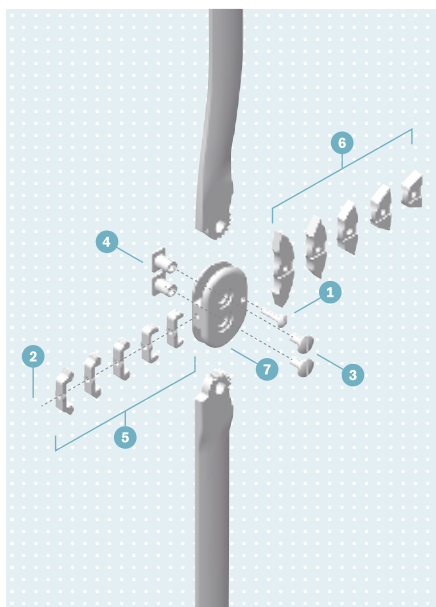
7U45/7U49/7U56/17K48
instructions for use



Practical recommendation 7U56

The 743Y56=1 size 1 alignment insert is aligned with the compromise pivot point in order to align the orthotic knee joints with the compromise pivot point according to Nietert. The compromise pivot point of the polycentric gear drive joints is therefore centred between the two joint screws.

Spare parts for 7U56



(1) Oval head screw, slotted and partially threaded

Reference number 501A11

Technical data

Article number	Thread	Attachment Ø	Head Ø	Material	Quantity unit
501A11=8X3.5XM3.5	M3.5	3,5 mm	8 mm	Stainless steel	Piece

(2) Slotted sheet metal cap screw

Reference number 501B5

Technical data

Article number	Quantity unit
501B5=3.5X9.5	Piece

(3) Slotted truss head screw

Reference number 501S32

Technical data

Article number	Head Ø	Length	Thread	Material	Quantity unit
501S32=M5X12X13	12 mm	13 mm	M5	Stainless steel	Piece

(4) Bearing nut

Reference number 17Y67

Technical data

Article number	Material	Quantity unit
17Y67	Plastic	Piece

(5) Extension stop

Reference number 17Y74

Technical data

Article number	Range	Material	Colour	Quantity unit
17Y74=6	6 °	Plastic	White	Piece
17Y74=10	10 °	Plastic	Green	Piece
17Y74=20	20 °	Plastic	Yellow	Piece
17Y74=30	30 °	Plastic	Red	Piece
17Y74=40	40 °	Plastic	Brown	Piece

- The colour white is the factory standard

(6) Flexion stop

Reference number 17Y78

Technical data

Article number	Range	Material	Colour	Quantity unit
17Y78=0	0 °	Plastic	Blue	Piece
17Y78=40	40 °	Plastic	Brown	Piece
17Y78=60	60 °	Plastic	Red	Piece
17Y78=80	80 °	Plastic	Yellow	Piece
17Y78=100	100 °	Plastic	Green	Piece

- The colour brown is the factory standard

(7) Joint centre piece

Reference number 17Y63

Technical data

Article number	Colour	Quantity unit
17Y63=52-S	Black	Piece



Polycentric knee joint bars

Reference number 17K43

With gear drive, free motion joints, concave half-round bar profile, interchangeable stops to limit extension



Technical data

Article number	Length from joint centre upper	Length from joint centre lower	Pivot point distance	Bar width	Joint bar thickness	Joint thickness	Material	Quantity unit
17K43	340 mm	300 mm	16 mm	21 mm	2 mm	6 mm	Stainless steel	Pair

Information material

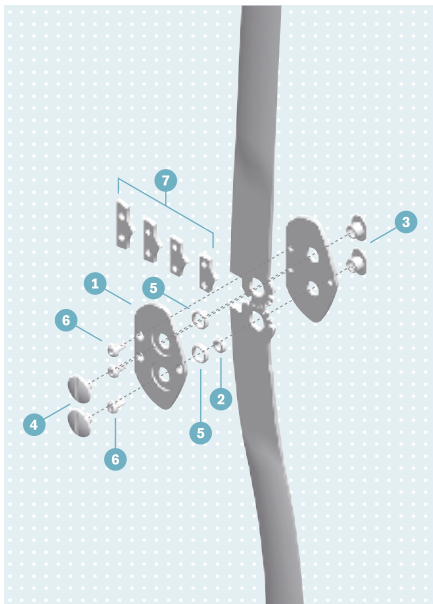
647G2

Instructions for use – system/leg bars

i Practical recommendation 17K43

The 743Y56=1 size 1 alignment insert is aligned with the compromise pivot point in order to align the orthotic knee joints with the compromise pivot point according to Nietert. The compromise pivot point of the polycentric gear drive joints is therefore centred between the two joint screws.

Spare parts for 17K43



(1) Joint centre piece

Reference number 17Y127

Technical data

Reference number	Quantity unit
17Y127	Piece

(2), (5) Brass bushing

Reference number 17Y17

Technical data

Article number	Material	Quantity unit
17Y17=3.1X6X2.1	Brass	Piece
17Y17=6X8X2	Brass	Piece

(3) Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	Spare part for	Insertion length	Profile length	Shank length	Thread	Shoulder Ø	Quantity unit
17Y93=6X5XM4	17K43	4.1 mm	12 mm	5 mm	M4	6 mm	Piece

(4) Slotted truss head screw

Reference number 501S32

Technical data

Article number	Head Ø	Length	Thread	Material	Quantity unit
501S32=M4X12X8	12 mm	8 mm	M4	Stainless steel	Piece

(6) Oval head screw

Reference number 501S42

Technical data

Article number	Quantity unit
501S42=M6X18	Piece

(7) Extension stop

Reference number 17Y90

Technical data

Article number	Flexion angle	Material	Quantity unit
17Y90=6	6 °	Stainless steel	Piece
17Y90=10	10 °	Stainless steel	Piece
17Y90=20	20 °	Stainless steel	Piece
17Y90=30	30 °	Stainless steel	Piece

- The 6° extension angle is the factory standard



Polycentric knee joint bars

Reference number 17K45

With gear drive, joints with interchangeable stops to limit extension as well as flexion, concave half-round bar profile



Technical data

Article number	Length from joint centre upper	Length from joint centre lower	Pivot point distance	Bar width	Joint bar thickness	Joint thickness	Material	Quantity unit
17K45	340 mm	300 mm	16 mm	21 mm	2 mm	6 mm	Stainless steel	Pair

Information material

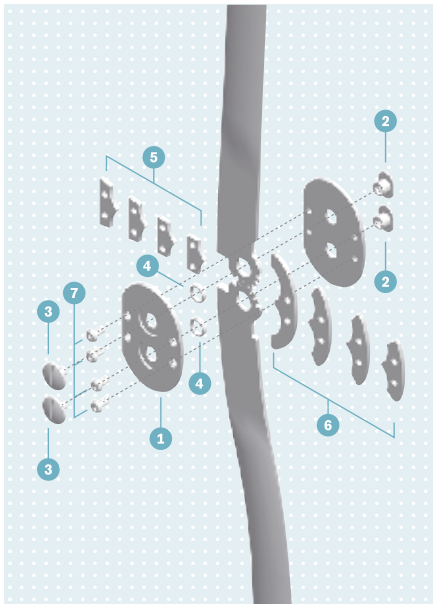
647G2

Instructions for use – system/leg bars

i Practical recommendation 17K45

The 743Y56=1 size 1 alignment insert is aligned with the compromise pivot point in order to align the orthotic knee joints with the compromise pivot point according to Nietert. The compromise pivot point of the polycentric gear drive joints is therefore centred between the two joint screws.

Spare parts for 17K45



(1) Joint centre piece

Reference number 17Y92

Technical data

Reference number	Quantity unit
17Y92	Piece

(2) Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	Spare part for	Insertion length	Profile length	Shank length	Thread	Shoulder Ø	Quantity unit
17Y93=6X5XM4	17K45	4.1 mm	12 mm	5 mm	M4	6 mm	Piece

(3) Slotted truss head screw

Reference number 501S32

Technical data

Article number	Head Ø	Material	Quantity unit
501S32=M4X12X8	12 mm	Stainless steel	Piece

(4) Brass bushing

Reference number 17Y17

Technical data

Article number	Quantity unit
17Y17=6X8X2	Piece

(5) Extension stop

Reference number 17Y90

Technical data

Article number	Range	Material	Quantity unit
17Y90=6	6 °	Stainless steel	Piece
17Y90=10	10 °	Stainless steel	Piece
17Y90=20	20 °	Stainless steel	Piece
17Y90=30	30 °	Stainless steel	Piece

- The 6° extension angle is the factory standard

(6) Flexion stop

Reference number 17Y91

Technical data

Article number	Range	Material	Quantity unit
17Y91=0	0 °	Stainless steel	Piece
17Y91=60	60	Stainless steel	Piece
17Y91=80	80 °	Stainless steel	Piece
17Y91=100	100 °	Stainless steel	Piece

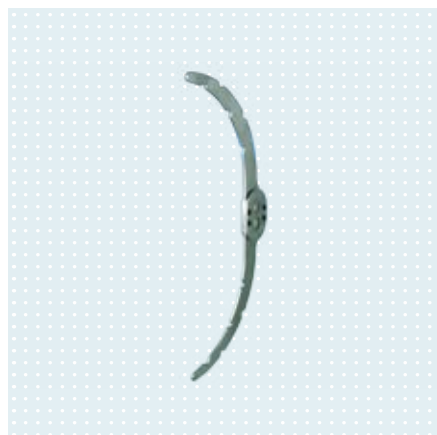
- The 100° flexion angle is the factory standard

(7) Oval head screw

Reference number 501S42

Technical data

Article number	Quantity unit
501S42=M6X18	Piece



Information material

647G2

Instructions for use –
system/leg bars

Polycentric knee joint bars, short

Reference number 17K46

With gear drive, joints with interchangeable stops to limit extension as well as flexion, upper and lower bars are curved and notched, for embedding into laminates and thermo-plastic synthetic materials



Technical data

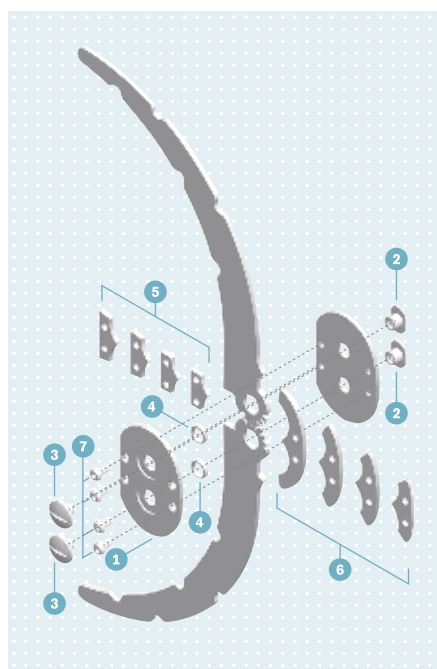
Article number	Length from joint centre upper	Length from joint centre lower	Pivot point distance	Bar width	Joint bar thickness	Joint thickness	Material	Quantity unit
17K46	340 mm	300 mm	16 mm	21 mm	2 mm	6 mm	Stainless steel	Pair



Practical recommendation 17K46

The 743Y56=1 size 1 alignment insert is aligned with the compromise pivot point in order to align the orthotic knee joints with the compromise pivot point according to Nietert. The compromise pivot point of the polycentric gear drive joints is therefore centred between the two joint screws.

Spare parts for 17K46



(1) Joint centre piece

Reference number 17Y92

Technical data

Reference number	Quantity unit
17Y92	Piece

(2) Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	Spare part for	Insertion length	Profile length	Shank length	Thread	Shoulder Ø	Quantity unit
17Y93=6X5XM4	17K46	4.1 mm	12 mm	5 mm	M4	6 mm	Piece

(3) Slotted truss head screw

Reference number 501S32

Technical data

Article number	Head Ø	Material	Quantity unit
501S32=M4X12X8	12 mm	Stainless steel	Piece

(4) Brass bushing

Reference number 17Y17

Technical data

Article number	Quantity unit
17Y17=6X8X2	Piece

(5) Extension stop

Reference number 17Y90

Technical data

Article number	Range	Material	Quantity unit
17Y90=6	6 °	Stainless steel	Piece
17Y90=10	10 °	Stainless steel	Piece
17Y90=20	20 °	Stainless steel	Piece
17Y90=30	30 °	Stainless steel	Piece

- The 6° extension angle is the factory standard

(6) Flexion stop

Reference number 17Y91

Technical data

Article number	Range	Material	Quantity unit
17Y91=0	0 °	Stainless steel	Piece
17Y91=60	60	Stainless steel	Piece
17Y91=80	80 °	Stainless steel	Piece
17Y91=100	100 °	Stainless steel	Piece

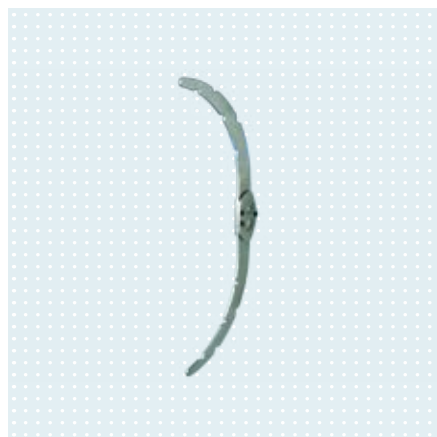
- The 100° flexion angle is the factory standard

(7) Oval head screw

Reference number 501S42

Technical data

Article number	Quantity unit
501S42=M6X18	Piece



Information material

647G2

Instructions for use –
system/leg bars

Polycentric knee joint bars, short

Reference number 17K47

With gear drive, free motion joints, upper and lower bars are curved and notched, for embedding into laminate and thermoplastic synthetic materials, interchangeable stops to limit extension



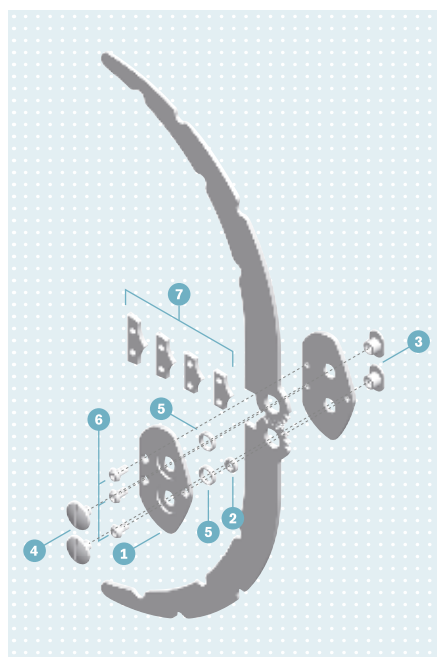
Technical data

Article number	Length from joint centre upper	Length from joint centre lower	Pivot point distance	Bar width	Joint bar thickness	Joint thickness	Material	Quantity unit
17K47	340 mm	300 mm	16 mm	21 mm	2 mm	6 mm	Stainless steel	Pair

i Practical recommendation 17K47

The 743Y56=1 size 1 alignment insert is aligned with the compromise pivot point in order to align the orthotic knee joints with the compromise pivot point according to Nietert. The compromise pivot point of the polycentric gear drive joints is therefore centred between the two joint screws.

Spare parts for 17K47



(1) Joint centre piece

Reference number 17Y127

Technical data

Reference number	Quantity unit
17Y127	Piece

(2), (5) Brass bushing

Reference number 17Y17

Technical data

Article number	Material	Quantity unit
17Y17=3.1X6X2.1	Brass	Piece
17Y17=6X8X2	Brass	Piece

(3) Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	Spare part for	Insertion length	Profile length	Shank length	Thread	Shoulder Ø	Quantity unit
17Y93=6X5XM4	17K47	4.1 mm	12 mm	5 mm	M4	6 mm	Piece

(4) Slotted truss head screw

Reference number 501S32

Technical data

Article number	Head Ø	Material	Quantity unit
501S32=M4X12X8	12 mm	Stainless steel	Piece

(6) Oval head screw

Reference number 501S42

Technical data

Article number	Quantity unit
501S42=M6X18	Piece

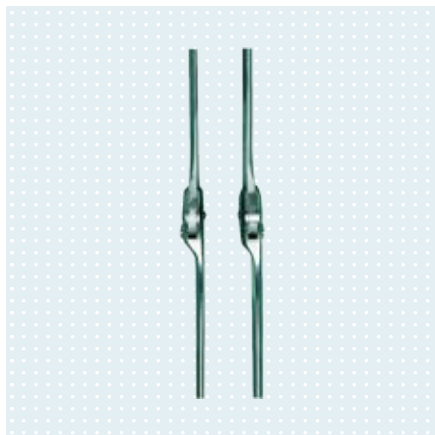
(7) Extension stop

Reference number 17Y90

Technical data

Article number	Range	Material	Quantity unit
17Y90=6	6 °	Stainless steel	Piece
17Y90=10	10 °	Stainless steel	Piece
17Y90=20	20 °	Stainless steel	Piece
17Y90=30	30 °	Stainless steel	Piece

- The 6° extension angle is the factory standard



Lower leg joint bars, light duty

Reference number 7U30

Joints with ball bearing, concave half-round bar profile, forged upper and lower joint bars
The head of the inner joint bar is offset to the outside, the head of the outer joint bar to the inside

Technical data

Article number	Side	Milled head	Upper section length	Lower section length	Bar width	Joint bar thickness	Material	Quantity unit
7U30=L	left (L)	24x4 mm	340 mm	150 mm	20 mm	2.3 mm	Stainless steel	Pair
7U30=R	right (R)	24x4 mm	340 mm	150 mm	20 mm	2.3 mm	Stainless steel	Pair

Information material

647G2

Instructions for use –
system/leg bars



Lower leg joint bars, light duty

Reference number 7U33

Joints with ball bearing, concave half-round bar profile, forged upper and lower joint bar
Similar to 7U30 design, but with heads of both bars offset outside

Technical data

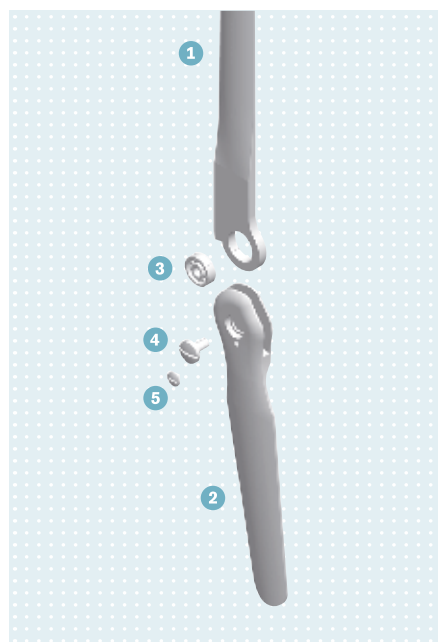
Article number	Milled head	Upper section length	Lower section length	Bar width	Joint bar thickness	Material	Quantity unit
7U33	24x4 mm	340 mm	150 mm	20 mm	2.3 mm	Stainless steel	Pair

Information material

647G2

Instructions for use –
system/leg bars

Spare parts for 7U30, 7U33



(1) Knee joint bar upper part

Reference number 7A5

Technical data

Article number	Spare part for	Material	Quantity unit
7A5=L	7U30=R 7U30=L 7U33	Stainless steel	Piece
7A5=R	7U30=R 7U30=L 7U33	Stainless steel	Piece

(2) Leg joint bar, lower section

Reference number 7B5

Technical data

Article number	Spare part for	Material	Quantity unit
7B5=LA	7U30=L	Stainless steel	Piece
7B5=LI	7U30=L 7U33	Stainless steel	Piece
7B5=RA	7U30=R	Stainless steel	Piece
7B5=RI	7U30=R 7U33	Stainless steel	Piece

(3) Ball bearing

Reference number 509K11

Technical data

Article number	Quantity unit
509K11=5X16X4	Piece

(4) Oval head screw, slotted and partially threaded

Reference number 501A6

Technical data

Article number	Material	Quantity unit
501A6=4X5XM5	Stainless steel	Piece

(5) Slotted oval head screw (lock screw)

Reference number 501S22

Technical data

Article number	Spare part for	Material	Quantity unit
501S22=8XM3.5	7U30=L 7U30=R 7U33	Stainless steel	Piece



Lower leg joint bars, light duty

Reference number 7U32

Joints with ball bearing, joint centre shifted in the posterior direction, concave half-round bar profile, forged upper and lower joint bars

The head of the inner joint bar is offset to the outside, the head of the outer joint bar to the inside

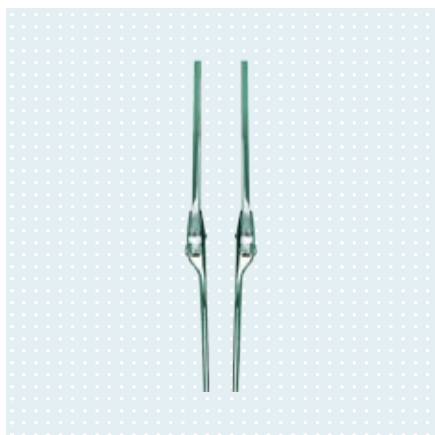
Technical data

Article number	Side	Milled head	Upper section length	Lower section length	Bar width	Joint bar thickness	Material	Quantity unit
7U32=L	left (L)	24x4 mm	340 mm	150 mm	20 mm	2.3 mm	Stainless steel	Pair
7U32=R	right (R)	24x4 mm	340 mm	150 mm	20 mm	2.3 mm	Stainless steel	Pair

Information material

647G2

Instructions for use –
system/leg bars



Lower leg joint bars, light duty

Reference number 7U42

Joints with ball bearing, joint centre shifted in the posterior direction, concave half-round bar profile, forged upper and lower joint bars

Similar to 7U32 design, but with heads of both bars offset outside

Technical data

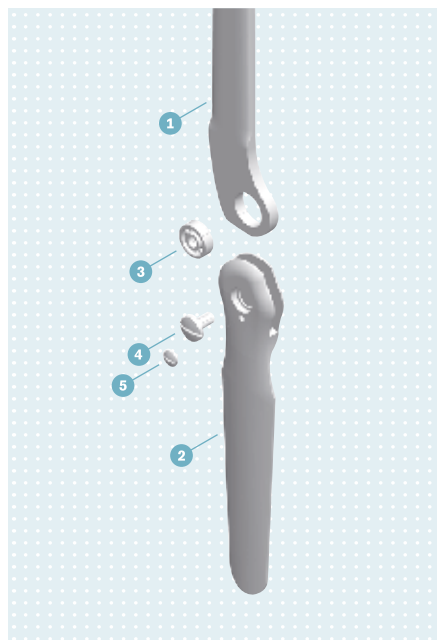
Article number	Milled head	Upper section length	Lower section length	Bar width	Joint bar thickness	Material	Quantity unit
7U42	24x4 mm	340 mm	150 mm	20 mm	2.3 mm	Stainless steel	Pair

Information material

647G2

Instructions for use –
system/leg bars

Spare parts for 7U32, 7U42



(1) Leg joint bar, upper section

Reference number 7A6

Technical data

Article number	Spare part for	Material	Quantity unit
7A6=L	7U32=L 7U42	Stainless steel	Piece
7A6=R	7U32=R 7U42	Stainless steel	Piece

(2) Leg joint bar, lower section

Reference number 7B5

Technical data

Article number	Spare part for	Material	Quantity unit
7B5=LA	7U32=L	Stainless steel	Piece
7B5=LI	7U32=L 7U42	Stainless steel	Piece
7B5=RA	7U32=R	Stainless steel	Piece
7B5=RI	7U32=R 7U42	Stainless steel	Piece

(3) Ball bearing

Reference number 509K11

Technical data

Article number	Quantity unit
509K11=5X16X4	Piece

(4) Oval head screw, slotted and partially threaded

Reference number 501A6

Technical data

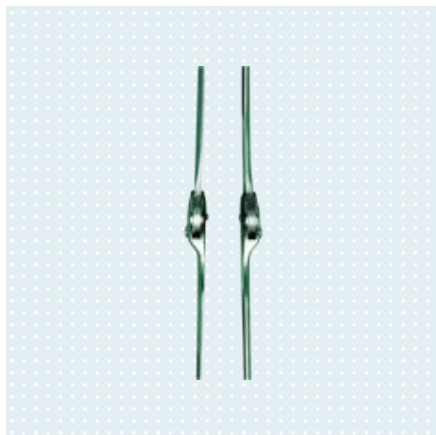
Article number	Material	Quantity unit
501A6=4X5XM5	Stainless steel	Piece

(5) Slotted oval head screw (lock screw)

Reference number 501S22

Technical data

Article number	Spare part for	Material	Quantity unit
501S22=8XM3.5	7U32=L 7U32=R 7U42	Stainless steel	Piece



Lower leg joint bars, light duty

Reference number 7U43

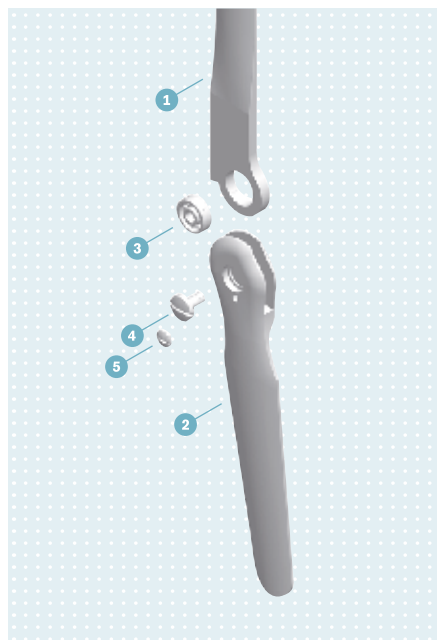
Joint with ball bearing, concave half-round bar profile, forged upper and lower joint bar sections

Heads of inner and outer joint bars are offset outside

Technical data

Article number	Milled head	Upper section length	Lower section length	Bar width	Joint bar thickness	Material	Quantity unit
7U43	24x5 mm	410 mm	150 mm	22 mm	2.5 mm	Orthopaedic steel	Pair

Spare parts for 7U43

**(1) Leg joint bar, upper section**

Reference number 7A3

Technical data

Article number	Spare part for	Material	Quantity unit
7A3=L	7U43	Orthopaedic steel	Piece
7A3=R	7U43	Orthopaedic steel	Piece

(2) Knee joint bar lower part

Reference number 7B4

Technical data

Article number	Spare part for	Material	Quantity unit
7B4=LI	7U43	Orthopaedic steel	Piece
7B4=RI	7U43	Orthopaedic steel	Piece

(3) Ball bearing

Reference number 509K11

Technical data

Article number	Spare part for	Quantity unit
509K11=5X16X5	7U43	Piece

**(4) Slotted oval head screw, partially threaded
(ball bearing screw)**

Reference number 501A25

Technical data

Article number	Quantity unit
501A25	Piece

(5) Slotted oval head screw (lock screw)

Reference number 501S22

Technical data

Article number	Spare part for	Material	Quantity unit
501S22=8XM3.5	7U43	Stainless steel	Piece



Lower leg joint bars, light duty

Reference number 7U46

Joints with ball bearing, joint centre shifted in the posterior direction, centred joint head, concave half-round bar profile, forged upper and lower joint bars, for swimming prostheses

Technical data

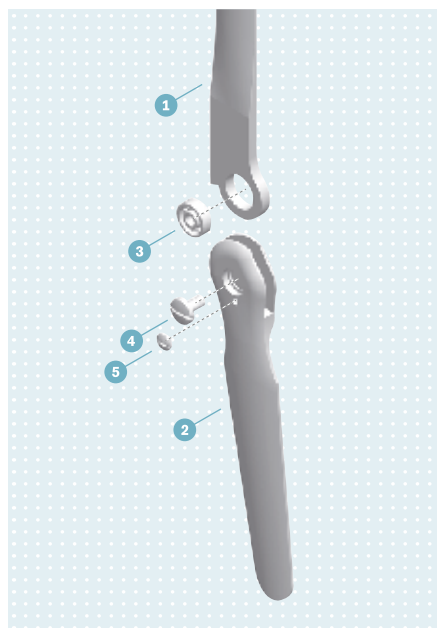
Article number	Milled head	Upper section length	Lower section length	Bar width	Joint bar thickness	Material	Quantity unit
7U46	18x4 mm	270 mm	125 mm	20 mm	1.75 mm	Stainless steel	Pair

Information material

647G2

Instructions for use –
system/leg bars

Spare parts for 7U46

**(1) Leg joint bar, upper section**

Reference number 7A14

Technical data

Article number	Spare part for	Material	Quantity unit
7A14=L	7U46	Stainless steel	Piece
7A14=R	7U46	Stainless steel	Piece

(2) Knee joint bar lower part

Reference number 7B7

Technical data

Article number	Spare part for	Material	Quantity unit
7B7=L	7U46	Stainless steel	Piece
7B7=R	7U46	Stainless steel	Piece

(3) Ball bearing

Reference number 509K15

Technical data

Reference number	Spare part for
509K15	7U46

(4) Slotted oval head screw

Reference number 501A12

Technical data

Article number	Material	Quantity unit
501A12=2	Stainless steel	Piece

(5) Slotted oval head screw (lock screw)

Reference number 501S22

Technical data

Article number	Spare part for	Material	Quantity unit
501S22=6XM3	7U46	Stainless steel	Piece



Lower leg joint bars, light duty

Reference number 7U27

Joints with gear drive and bushing, centred joint head, concave half-round bar profile, forged upper and lower joint bars

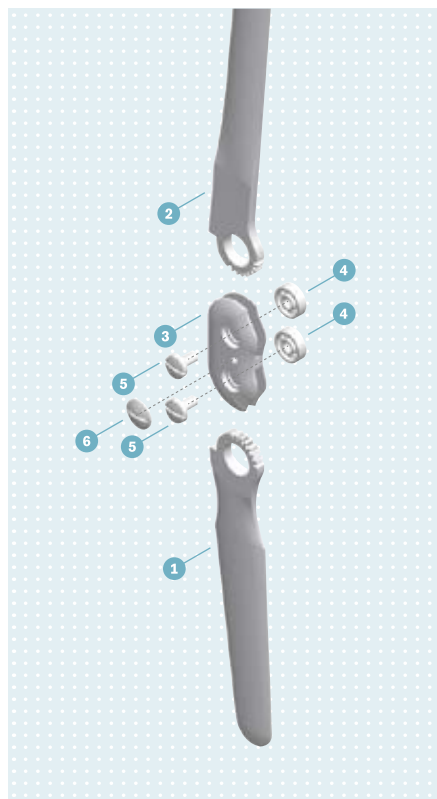
Technical data

Article number	Length from joint centre upper	Length from joint centre lower	Pivot point distance	Bar width	Joint bar thickness	Material	Quantity unit
7U27	340 mm	150 mm	18 mm	20 mm	3 mm	Stainless steel	Pair

Information material

647G2	Instructions for use – system/leg bars
647G9	7U10/7U27 instructions for use

Spare parts for 7U27

**(1) Leg joint bar, lower section**

Reference number 7B10

Technical data

Article number	Spare part for	Material	Quantity unit
7B10=L	7U27	Stainless steel	Piece
7B10=R	7U27	Stainless steel	Piece

(2) Leg joint bar, upper section

Reference number 7A10

Technical data

Article number	Spare part for	Material	Quantity unit
7A10=L	7U27	Stainless steel	Piece
7A10=R	7U27	Stainless steel	Piece

(3) Joint piece

Reference number 7Y13

Technical data

Article number	Material	Quantity unit
7Y13	Stainless steel	Piece

(4) Bushing

Reference number 7Y14

Technical data

Article number	Quantity unit
7Y14=12X5	Piece
7Y14=10X8	Piece

(5) Joint screw

Reference number 501A32

Technical data

Article number	Quantity unit
501A32	Piece

(6) Slotted oval head screw (lock screw)

Reference number 501S22

Technical data

Article number	Spare part for	Material	Quantity unit
501S22=8XM3.5	7U27	Stainless steel	Piece



Lower leg joint bars, medium duty

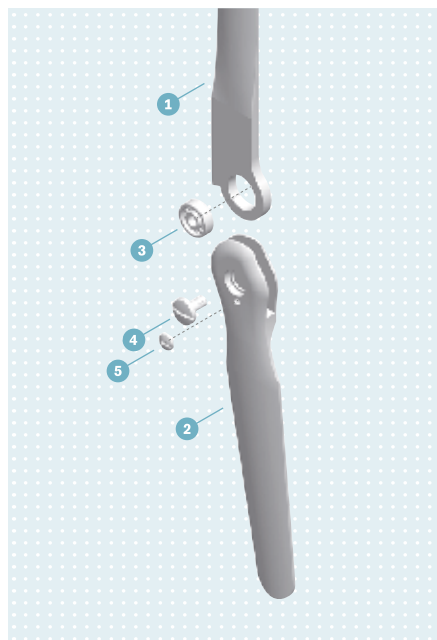
Reference number 7U2

Joints with ball bearing, medial joint head offset to the outside, lateral joint head offset to the inside, concave half-round bar profile, forged upper and lower joint bars

Technical data

Article number	Side	Upper section length	Lower section length	Bar width	Joint bar thickness	Material	Quantity unit
7U2=L	left (L)	410 mm	150 mm	24 mm	3 mm	Orthopaedic steel	Pair
7U2=R	right (R)	410 mm	150 mm	24 mm	3 mm	Orthopaedic steel	Pair

Spare parts for 7U2



(1) Knee joint bar upper part

Reference number 7A1

Technical data

Article number	Spare part for	Material	Quantity unit
7A1=L	7U2=L 7U2=R	Orthopaedic steel	Piece
7A1=R	7U2=L 7U2=R	Orthopaedic steel	Piece

(2) Knee joint bar lower part

Reference number 7B3

Technical data

Article number	Spare part for	Material	Quantity unit
7B3=LA	7U2=L	Orthopaedic steel	Piece
7B3=LI	7U2=L	Orthopaedic steel	Piece
7B3=RA	7U2=R	Orthopaedic steel	Piece
7B3=RI	7U2=R	Orthopaedic steel	Piece

(3) Ball bearing

Reference number 509K11

Technical data

Article number	Spare part for	Quantity unit
509K11=5X16X5	7U2=L 7U2=R	Piece

(4) Slotted oval head screw, partially threaded (ball bearing screw)

Reference number 501A25

Technical data

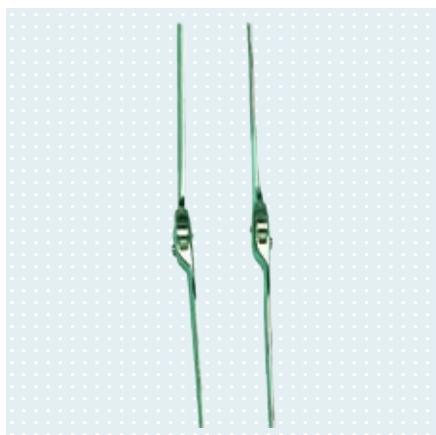
Article number	Quantity unit
501A25	Piece

(5) Slotted oval head screw (lock screw)

Reference number 501S22

Technical data

Article number	Spare part for	Material	Quantity unit
501S22=8XM3.5	7U2=L 7U2=R	Stainless steel	Piece



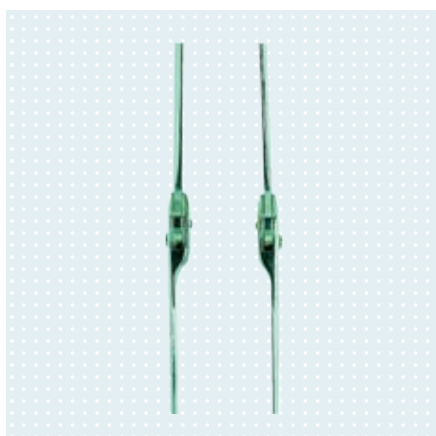
Lower leg joint bars, medium duty

Reference number 7U15

Joints with ball bearing, joint centre placed to the posterior, concave half-round bar profile, forged nickel-plated upper and lower joint bar sections
The head of the inner joint bar is offset to the outside, the head of the outer joint bar to the inside

Technical data

Article number	Side	Milled head	Upper section length	Lower section length	Bar width	Joint bar thickness	Quantity unit
7U15=L	left	26x5 mm	410 mm	150 mm	24 mm	3 mm	Pair
7U15=R	right	26x5 mm	410 mm	150 mm	24 mm	3 mm	Pair



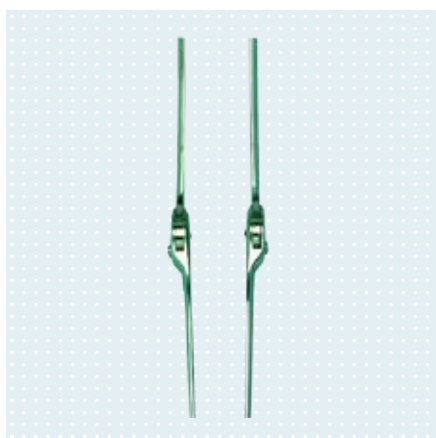
Lower leg joint bars, medium duty

Reference number 7U15

Joints with ball bearing, joint centre placed to the posterior, concave half-round bar profile, forged nickel-plated upper and lower joint bar sections
Similar to 7U15 version, but with heads of both bars offset inside

Technical data

Article number	Milled head	Upper section length	Lower section length	Bar width	Joint bar thickness	Quantity unit
7U15=K	26x5 mm	410 mm	150 mm	24 mm	3 mm	Pair



Lower leg joint bars, medium duty

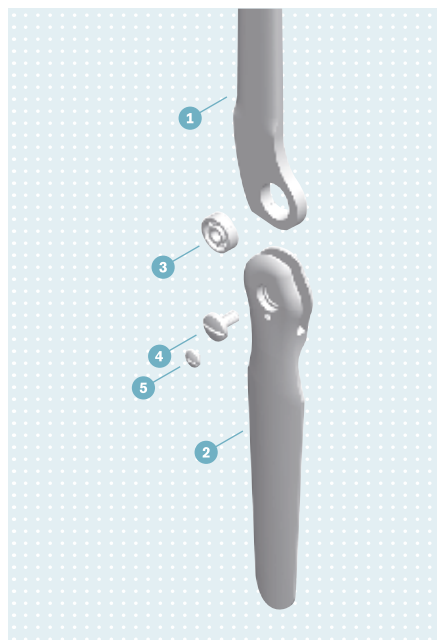
Reference number 7U25

Joints with ball bearing, joint centre placed to the posterior, concave half-round bar profile, forged nickel-plated upper and lower joint bar sections
Similar to 7U15 design, but with heads of both bars offset outside

Technical data

Article number	Milled head	Upper section length	Lower section length	Bar width	Joint bar thickness	Quantity unit
7U25	26 x 5 mm	410 mm	150 mm	24 mm	3 mm	Pair

Spare parts for 7U15, 7U25

**(1) Leg joint bar, upper section, nickel-plated**

Reference number 7A11

Technical data

Article number	Spare part for	Quantity unit
7A11=L	7U15=K 7U15=L 7U15=R 7U25	Piece
7A11=R	7U15=K 7U15=L 7U15=R 7U25	Piece

(2) Leg joint bar, lower section, nickel-plated

Reference number 7B13

Technical data

Article number	Spare part for	Quantity unit
7B13=LA	7U15=K 7U15=L	Piece
7B13=LI	7U15=L 7U25	Piece
7B13=RA	7U15=K 7U15=R	Piece
7B13=RI	7U15=R 7U25	Piece

(3) Ball bearing

Reference number 509K11

Technical data

Article number	Spare part for	Quantity unit
509K11=5X16X5	7U15=K 7U15=L 7U15=R 7U25	Piece

(4) Slotted oval head screw, partially threaded

Reference number 501A22

Technical data

Article number	Quantity unit
501A22	Piece

(5) Lock screw

Reference number 501S6

Technical data

Article number
501S6=8XM3,5



Lower leg joint bars, medium duty

Reference number 7U10

Joints with gear drive and ball bearings, centred joint head, concave half-round bar profile, forged upper and lower joint bars

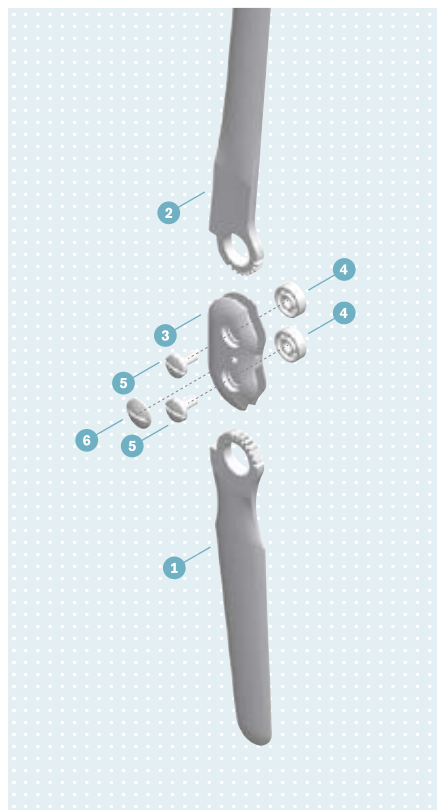
Technical data

Article number	Length from joint centre upper	Length from joint centre lower	Pivot point distance	Bar width	Joint bar thickness	Material
7U10	410 mm	130 mm	24 mm	24 mm	3 mm	Orthopaedic steel

Information material

647G9	7U10/7U27 instructions for use
-------	--------------------------------

Spare parts for 7U10

**(1) Leg joint bar, lower section**

Reference number 7B8

Technical data

Article number	Spare part for	Quantity unit
7B8=L	7U10	Piece
7B8=R	7U10	Piece

(2) Leg joint bar, upper section

Reference number 7A9

Technical data

Article number	Spare part for	Quantity unit
7A9=L	7U10	Piece
7A9=R	7U10	Piece

(3) Joint piece

Reference number 7Y12

Technical data

Article number	Quantity unit
7Y12	Piece

(4) Ball bearing

Reference number 509K11

Technical data

Article number	Spare part for	Quantity unit
509K11=5X16X5	7U10	Piece

(5) Slotted flat head screw, partially threaded

Reference number 501A24

Technical data

Article number	Spare part for	Quantity unit
501A24	7U10	Piece

(6) Slotted oval head screw, nickel-plated lock screw

Reference number 501S10

Technical data

Article number	Quantity unit
501S10	Piece



Thigh bars

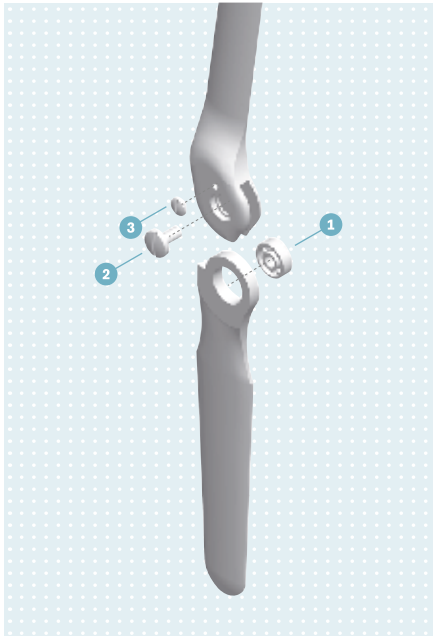
Reference number 7G3

Joints with ball bearings, both joint heads offset outside, concave half-round bar profile, forged nickel-plated upper and lower joint bars

Technical data

Article number	Milled head	Length from joint centre upper	Length from joint centre lower	Bar width	Joint bar thickness	Quantity unit
7G3	26 x 5 mm	410 mm	150 mm	24 mm	3 mm	Pair

Spare parts for 7G3



(1) Ball bearing

Reference number 509K11

Technical data

Article number	Spare part for	Quantity unit
509K11=5X16X5	7G3	Piece

(2) Slotted oval head screw, partially threaded

Reference number 501A22

Technical data

Article number	Quantity unit
501A22	Piece

(3) Lock screw

Reference number 501S6

Technical data

Article number
501S6=8XM3.5



HKAFO/HO

All hip joint systems, classic components for hip rotation orthoses and reciprocal systems as well as hip abduction orthoses are presented in this section.





Cosa Junior

Reference number 28L100

The Cosa Active/Junior hip abduction orthosis uses pads between the legs to reduce the scissor gait which occurs in various forms of infantile cerebral palsy. Reducing hip adduction improves the overall gait pattern and control of the trunk in addition to stabilising the basis for standing and sitting.

The Cosa Active/Junior is generally delivered in a 28L101=* / 28L100=* starter set. It contains 2 pairs of 29L101=* / 29L100=* pants to change and wash and 1 29L102=* pad set.

Indications

- Diparesis
- Hip dysplasia
- Hip joint subluxation, congenital
- Hypotonicity
- Tetraparesis

Contraindications

- Hip joint luxation

Benefits

- Minimisation of scissor gait enhances mobility (more freedom for knee, improved gait pattern)
- Improved torso control
- More stable base for sitting and standing
- Can be combined with additional orthoses
- Can be worn day and night
- Easy to customise
- Easy care, machine washable (in a laundry bag) at 40 °C
- High wearer comfort

Information material

646D1012=EN_INT	28L100/28L101 information for practitioners
646H16=EN_INT	Cosa Active/Junior user information
647G1547=ALL_INT	28LT1 instructions for use
647G1115=ALL_INT	28L100/28L101 instructions for use



Technical data

Article number	Standard sizing	Body height	Hip circumference	Pad number	Thigh circumference
28L100=80	80	74-86 cm	57-59 cm	1	26-32 cm
28L100=92	92	86-98 cm	59-62 cm	1	26-32 cm
28L100=104	104	98-110 cm	62-64 cm	2	32-36 cm
28L100=116	116	110-122 cm	64-68 cm	2	32-36 cm



Cosa Active

Reference number 28L101

The Cosa Active/Junior hip abduction orthosis uses pads between the legs to reduce the scissor gait which occurs in various forms of infantile cerebral palsy. Reducing hip adduction improves the overall gait pattern and control of the trunk in addition to stabilising the basis for standing and sitting.

The Cosa Active/Junior is generally delivered in a 28L101=*/28L100=* starter set. It contains 2 pairs of 29L101=*/29L100=* pants to change and wash and 1 29L102=* pad set.

Indications

- Diparesis
- Hip dysplasia
- Hip joint subluxation, congenital
- Hypotonicity
- Tetraparesis

Contraindications

- Hip joint luxation

Benefits

- Minimisation of scissor gait enhances mobility (more freedom for knee, improved gait pattern)
- Improved torso control
- More stable base for sitting and standing
- Can be combined with additional orthoses
- Can be worn day and night
- Easy to customise
- Easy care, machine washable (in a laundry bag) at 40 °C
- High wearer comfort

Information material

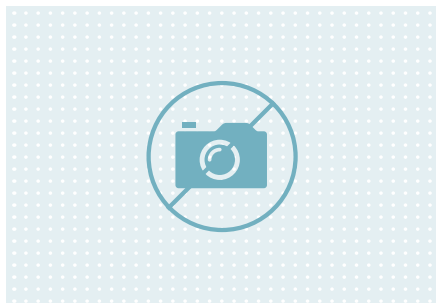
646D1012=EN_INT	28L100/28L101 information for practitioners
646H16=EN_INT	Cosa Active/Junior user information
647G1547=ALL_INT	28LT1 instructions for use
647G1115=ALL_INT	28L100/28L101 instructions for use



Technical data

Article number	Standard sizing	Body height	Hip circumference	Pad number	Thigh circumference
28L101=128	128	122-134 cm	68-72 cm	3	36-44 cm
28L101=140	140	134-146 cm	72-78 cm	3	36-44 cm
28L101=152	152	146-158 cm	78-86 cm	4	44-54 cm
28L101=S	164/ women 34-38/ men 42-46	158-170 cm	86-96 cm	4	44-54 cm
28L101=M	Women 40, 42/ men 48, 50	from 170 cm	96-105 cm	5	54-62 cm
28L101=L	Women 44, 46/ men 52, 54	from 170 cm	105-109 cm	5	54-62 cm

Spare parts for 28L100, 28L101



Cosa Junior shorts

Reference number 29L100

Technical data

Article number	for
29L100=80	Cosa Junior
29L100=92	Cosa Junior
29L100=104	Cosa Junior
29L100=116	Cosa Junior

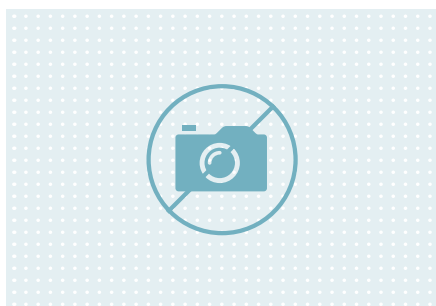


Cosa Active shorts

Reference number 29L101

Technical data

Article number	for
29L101=128	Cosa Active
29L101=140	Cosa Active
29L101=152	Cosa Active
29L101=S	Cosa Active
29L101=M	Cosa Active
29L101=L	Cosa Active



Pad

Reference number 29L102

Technical data

Article number	for
29L102=1	Cosa Junior
29L102=2	Cosa Junior
29L102=3	Cosa Active
29L102=4	Cosa Active
29L102=5	Cosa Active

Fit Kit for 28L100, 28L101



Cosa FIT KIT

Reference number 28LT1

The Cosa Active FIT KIT is used to determine the size of the shorts. The pads can also be used to check the proper functionality for a patient.



Technical data

Article number	Scope of delivery
28LT1	10 test shorts in 10 sizes 5 test pads in 5 sizes 4 suspender clips with connecting strap 1 carrier bag

Information material

647G1547=ALL_INT 28LT1 instructions for use



RGO hip joint system

Reference number 17H100

The connection between the knee joint bars and the pelvic module is especially important for fittings with reciprocating gait orthoses. Our RGO (reciprocating gait orthosis) hip joint system helps users achieve pelvic rotation that imitates physiological rotation during walking. Thanks to the development of a bi-axial joint construction, pelvic rotation of 15° is possible without having to change the walking direction. The result: less effort, more effective gait pattern.



Technical data

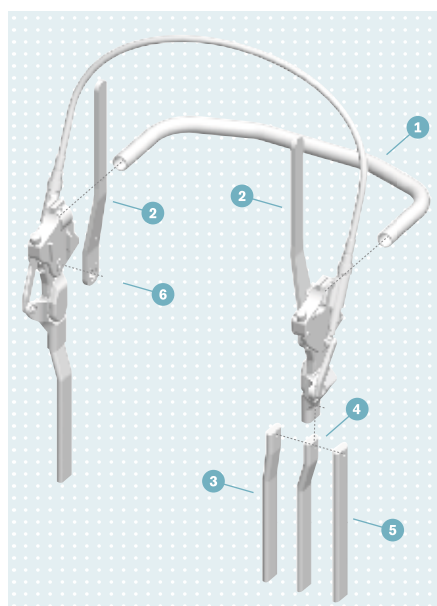
Information material

647F527=EN_INT	RGO hip joint system order form
647G1535=ALL_INT	17H100 instructions for use

Article number	Max. body weight	Pelvic width	Age	Quantity unit
17H100=0	up to 65 kg	340 - 380 mm	9 years and up	Set
17H100=1	up to 65 kg	270 - 330 mm	9 years and up	Set
17H100=2	up to 34 kg	200 - 260 mm	4-8 years	Set

- Please note that the pelvic tube is not included in the scope of delivery and therefore has to be ordered separately.

Spare parts for 17H100



(1) Pelvic tube

Reference number 17Y130

Technical data

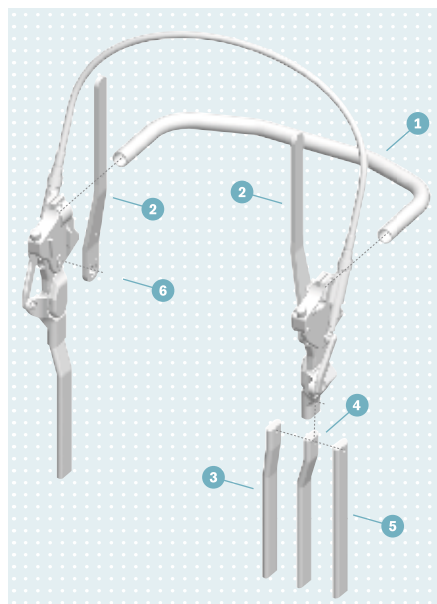
Article number	Spare part for	Material	Quantity unit
17Y130=270	17H100=1	Aluminium	Piece
17Y130=280	17H100=1	Aluminium	Piece
17Y130=290	17H100=1	Aluminium	Piece
17Y130=320	17H100=1	Aluminium	Piece
17Y130=330	17H100=1	Aluminium	Piece
17Y130=340	17H100=1	Aluminium	Piece
17Y130=350	17H100=0	Aluminium	Piece
17Y130=360	17H100=0	Aluminium	Piece
17Y130=370	17H100=0	Aluminium	Piece
17Y130=380	17H100=0	Aluminium	Piece

(1) Pelvic tube

Reference number 17Y140

Technical data

Article number	Spare part for	Material	Quantity unit
17Y140=200	17H100=2	Aluminium	Piece
17Y140=210	17H100=2	Aluminium	Piece
17Y140=220	17H100=2	Aluminium	Piece
17Y140=230	17H100=2	Aluminium	Piece
17Y140=240	17H100=2	Aluminium	Piece
17Y140=250	17H100=2	Aluminium	Piece
17Y140=260	17H100=2	Aluminium	Piece



(2) Torso bar

Reference number 17Y132

Technical data

Article number	Spare part for	Side	Material	Quantity unit
17Y132=L	17H100=0 17H100=1	left (L)	Aluminium	Piece
17Y132=R	17H100=0 17H100=1	right (R)	Aluminium	Piece

(2) Torso bar

Reference number 17Y142

Technical data

Article number	Spare part for	Side	Material	Quantity unit
17Y142=L	17H100=2	left (L)	Aluminium	Piece
17Y142=R	17H100=2	right (R)	Aluminium	Piece

(3, 4, 5) Thigh bar

Reference number 17Y131

Technical data

Article number	Spare part for	Frame offset	Material	Quantity unit
17Y131=0	17H100=0 17H100=1	0 mm	Aluminium	Piece
17Y131=5	17H100=0 17H100=1	5 mm	Aluminium	Piece
17Y131=10	17H100=0 17H100=1	10 mm	Aluminium	Piece

(3, 4, 5) Thigh bar

Reference number 17Y143

Technical data

Article number	Spare part for	Frame offset	Material	Quantity unit
17Y143=0	17H100=2	0 mm	Aluminium	Piece
17Y143=5	17H100=2	5 mm	Aluminium	Piece
17Y143=10	17H100=2	10 mm	Aluminium	Piece

(6) Slotted truss head screw

Reference number 501S32

Technical data

Article number	Spare part for	Thread	Length	Material	Quantity unit
501S32=M4X10X9.5	17H100=0 17H100=1 17H100=2	M4	9.5 mm	Stainless steel	Piece

Accessory for 17H100



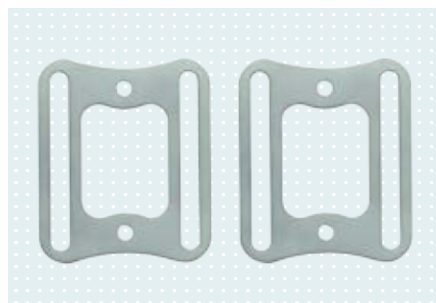
Shrinkable tubing

Reference number 616Z9

This plastic hose with rounded edges is suitable for covering products such as orthotic joints or bars, for example. It offers good insulation, good protection against corrosion and good resistance to liquids.

Technical data

Article number	Diameter	Length	Colour
616Z9=19X61	19 mm	50 m	Black
616Z9=25.4X30	25.4 mm	50 m	Black



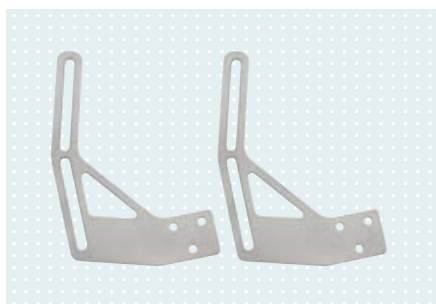
Support fasteners

Reference number 17Y161

One pair of support fasteners for torso bars

Technical data

Article number	Accessories for	Quantity unit
17Y161	17H100=0 17H100=1 17H100=2	Pair



Buttock support fasteners

Reference number 17Y160

Technical data

Article number	Accessories for	Quantity unit
17Y160=1	17H100=0 17H100=1	Pair
17Y160=2	17H100=2	Pair

636W18 special adhesive and 636W19 hardener are additional accessories for 17H100. Please refer to the 646K1 materials catalogue for further information on these products.

RGO hip joint system – Order form

Billing address		Shipping address (if different from customer address)	
Customer no.		Customer no.	
Company		Company	
Street		Street	
Postal code/city		Postal code/city	
Phone number		Phone number	
Orthopaedic technician		Patient name	

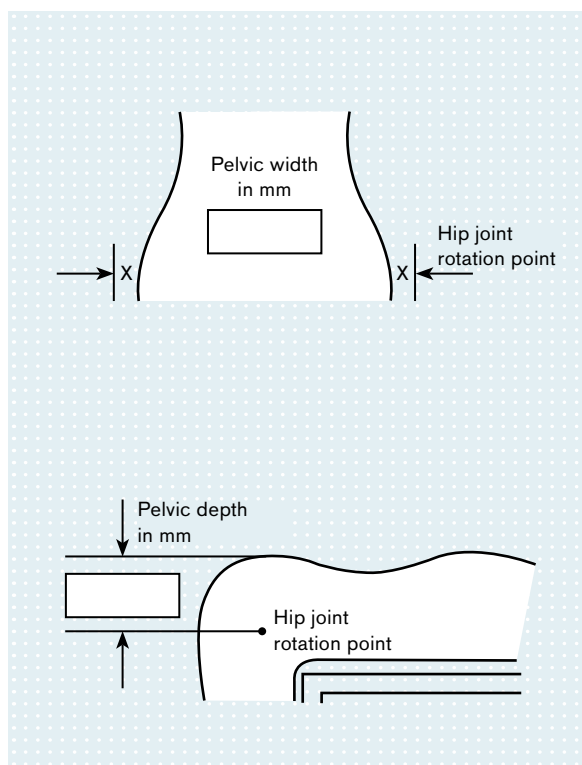
General information:

The RGO hip joint system is suitable for patients up to 65 kg. The system is available in three different versions. 17H100=2 for ages 4-8, up to a body weight of 34 kg. 17H100=1/0 for ages 9 and up, up to a body weight of 65 kg. Pelvic tubes are available in 1 cm increments for clear pelvic widths of 200 mm to 380 mm.

The pelvic width must be measured between the two trochanters in both the sitting and prone position. When selecting the pelvic tube, also take into account the wall thickness of the pelvic module to be fabricated including the padding!

Please check the desired combination!

Combination	17H100=2	17H100=1	17H100=0
	up to 34 kg (75 lbs)	up to 65 kg (143.3 lbs)	up to 65 kg (143.3 lbs)
17Y140=200	<input type="checkbox"/>		
17Y140=210	<input type="checkbox"/>		
17Y140=220	<input type="checkbox"/>		
17Y140=230	<input type="checkbox"/>		
17Y140=240	<input type="checkbox"/>		
17Y140=250	<input type="checkbox"/>		
17Y140=260	<input type="checkbox"/>		
17Y130=270		<input type="checkbox"/>	
17Y130=280		<input type="checkbox"/>	
17Y130=290		<input type="checkbox"/>	
17Y130=300		<input type="checkbox"/>	
17Y130=310		<input type="checkbox"/>	
17Y130=320		<input type="checkbox"/>	
17Y130=330		<input type="checkbox"/>	
17Y130=340			<input type="checkbox"/>
17Y130=350			<input type="checkbox"/>
17Y130=360			<input type="checkbox"/>
17Y130=370			<input type="checkbox"/>
17Y130=380			<input type="checkbox"/>



Date Place Signature



Hip joint bar

Reference number 17H29

Free-motion hip joint for children



Technical data

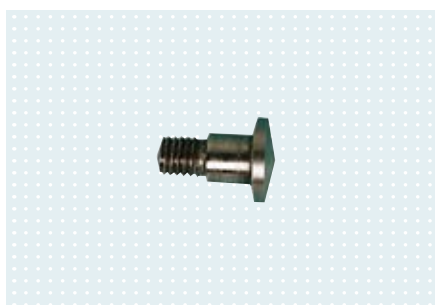
Article number	Side	Milled head Ø	Bar width	Upper/lower bar length	Thickness	Material	Quantity unit
17H29=L5	left (L)	20 mm	14 mm	320 / 250 mm	4 mm	Stainless steel	Piece
17H29=R5	right (R)	20 mm	14 mm	320 / 250 mm	4 mm	Stainless steel	Piece

Information material

647G2

Instructions for use –
system/leg bars

Spare parts for 17H29



Oval head screw, slotted and partially threaded

Reference number 501A21

Technical data

Article number	Spare part for	Material	Quantity unit
501A21	17H29=L5 17H29=R5	Stainless steel	Piece

HKAFO/HO

Free motion joints – Conventional orthotic joints



Hip joint bar

Reference number 17H23

Free motion joint, without stop, with thrust needle bearing, flat bar profile, for rotation orthosis, Annastift model; hip rotation orthosis



Technical data

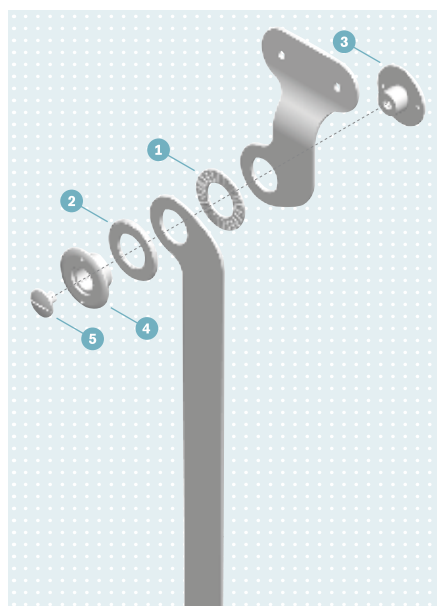
Article number	Side	Thickness	Milled head Ø	Upper/lower bar length	Bar width	Joint head Ø	Material
17H23=L	left (L)	2 mm	20 mm	75 / 450 mm	24 mm	30 mm	Stainless steel
17H23=R	right (R)	2 mm	20 mm	75 / 450 mm	24 mm	30 mm	Stainless steel

Information material

647G6

17H23 instructions for use

Spare parts for 17H23



(1) Thrust needle bearing

Reference number 509N3

Technical data

Article number	Quantity unit
509N3	Piece

(2) Retainer ring for thrust needle bearing

Reference number 509N4

Technical data

Article number	Quantity unit
509N4	Piece

(3) Two-hole screw

Reference number 17Z49

Technical data

Article number	Material	Quantity unit
17Z49	Stainless steel	Piece

(4) Two-hole nut

Reference number 17Y50

Technical data

Article number	Material	Quantity unit
17Y50	Stainless steel	Piece

(5) Slotted oval head screw

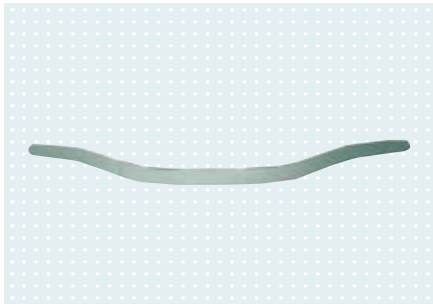
Reference number 501S47

Technical data

Article number

501S47

Accessory for 17H23

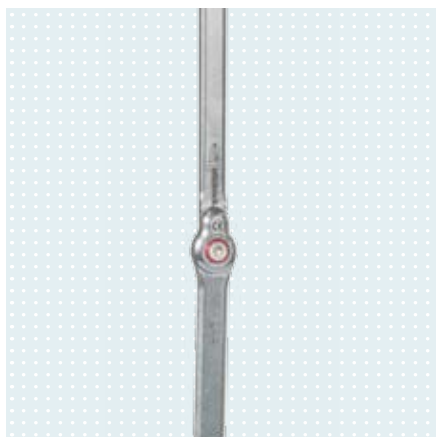


Pelvic band

Reference number 17Z8

Technical data

Article number	Length	Material	Quantity unit
17Z8=680	680 mm	Aluminium	Piece
17Z8=780	780 mm	Aluminium	Piece
17Z8=880	880 mm	Aluminium	Piece



Hip joint bar

Reference number 17HF1

Free motion hip joint



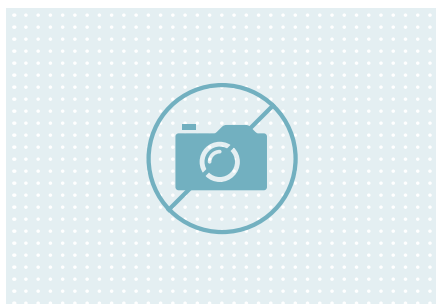
Technical data

Article number	Upper/lower bar length	Bar width top/bottom	Bar thickness top/bottom	Material	Quantity unit
17HF1=13-CS	300 / 195 mm	12,7 / 14,28 mm	4,75 / 4,75 mm	Steel	Pair
17HF1=16-CS	400 / 270 mm	15.87 / 19 mm	6,35 / 4,75 mm	Steel	Pair

Information material

646D1279=EN_INT	Conventional joint bar system information for practitioners
647G1423	17HF1 / 17HL1 / 17HL4 instructions for use

Spare parts for 17HF1



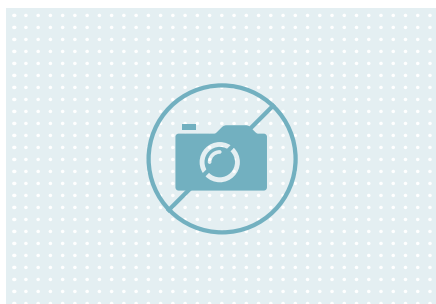
Service set

Reference number 17KHS=3

Service set for hip and knee joints

Technical data

Article number	Spare part for	Scope of delivery
17KHS=3	17HF1=13-CS	Bearing nut Bushing Flat round disk with slot Red washer Compression spring Truss head screw with slot Spring-loaded thrust piece



Service set

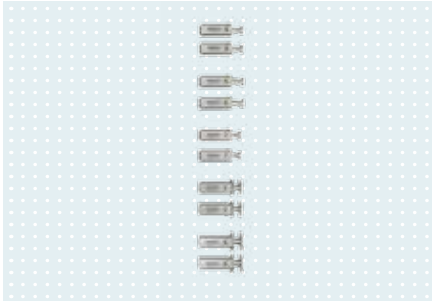
Reference number 17KHS=2

Service set for hip and knee joints

Technical data

Article number	Spare part for	Scope of delivery
17KHS=2	17HF1=16-CS	Bearing nut Bushing Flat round disk with slot Red washer Compression spring Truss head screw with slot Spring-loaded thrust piece

Accessory for 17HF1



Alignment insert set

Reference number 743Y57

Technical data

Article number	Accessories for
743Y57	17HF1=13-CS 17HF1=16-CS



Information material

647G2

Instructions for use –
system/leg bars

System hip joint

Reference number 17B82

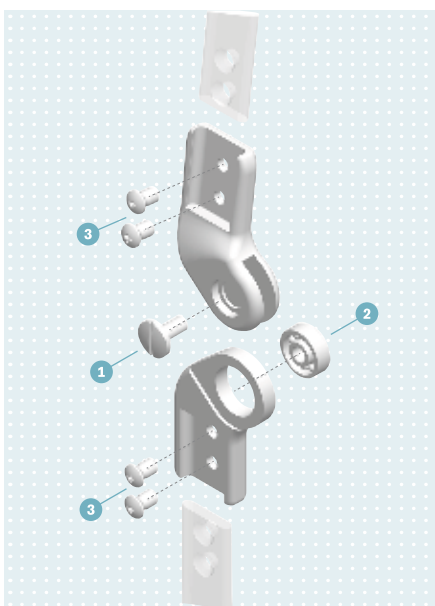
Contoured upper joint section, free motion, with ball bearing



Technical data

Article number	Side	System width	Milled head	Length from joint centre upper	Length from joint centre lower	Material	Quantity unit
17B82=L16	left (L)	16 mm	25x5 mm	44 mm	42 mm	Stainless steel	Piece
17B82=R16	right (R)	16 mm	25x5 mm	44 mm	42 mm	Stainless steel	Piece
17B82=L20	left (L)	20 mm	25x5 mm	44 mm	42 mm	Stainless steel	Piece
17B82=R20	right (R)	20 mm	25x5 mm	44 mm	42 mm	Stainless steel	Piece

Spare parts for 17B82



(1) Oval head screw, slotted and partially threaded

Reference number 501A6

Technical data

Article number	Material	Quantity unit
501A6=5X5XM5	Edelstahl	piece

(2) Ball bearing

Reference number 509K11

Technical data

Article number	Spare part for	Quantity unit
509K11=5X16X5	17B82=L16 17B82=R16 17B82=L20 17B82=R20	Piece

(3) Phillips oval head screw

Reference number 501T7

Technical data

Article number	Spare part for	Length	Head Ø	Material	Quantity unit
501T7=7.5X9XM5	17B82=L16 17B82=R16 17B82=L20 17B82=R20	9 mm	7.5 mm	Stainless steel	Piece

Accessory for 17B82



System lamination bar

Reference number 17Y128

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	System width	Length	Thickness	Material	Quantity unit
17Y128=16X80	16 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=20X80	20 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=16X100	16 mm	100 mm	4 mm	Stainless steel	Piece
17Y128=20X100	20 mm	100 mm	4 mm	Stainless steel	Piece



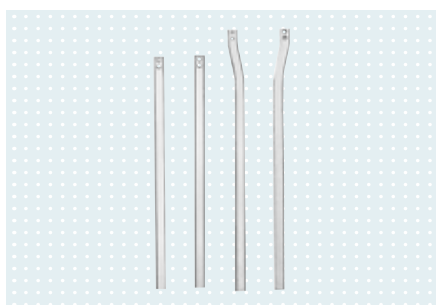
System lamination bar with contoured calf

Reference number 17Y129

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17Y129=L16	left (L)	16 mm	100 mm	4 mm	Piece
17Y129=R16	right (R)	16 mm	100 mm	4 mm	Piece
17Y129=L20	left (L)	20 mm	100 mm	4 mm	Piece
17Y129=R20	right (R)	20 mm	100 mm	4 mm	Piece



System side bar set

Reference number 17B38

Flat, consisting of two 17B4 and 17B4=T upper side bars and one 17B5 and 17B5=T lower side bar each for the left and right sides, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B38=16	16 mm	4 mm	Set
17B38=16-T	16 mm	4 mm	Set
17B38=20	20 mm	4 mm	Set
17B38=20-T	20 mm	4 mm	Set



System side bar set

Reference number 17B39

Consisting of two upper side bars and one left and one right lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B39=16	16 mm	5 mm	Set
17B39=20	20 mm	5 mm	Set



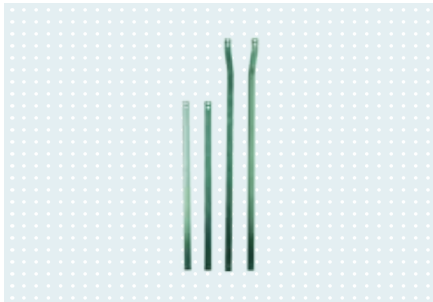
System side bar set

Reference number 17B85

Concave, consisting of two 17B88 upper side bars and one left and one right 17B89 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B85=16	16 mm	5 mm	Set
17B85=20	20 mm	5 mm	Set



System side bar set

Reference number 17B40

Overlength, flat, consisting of two 17B4 upper side bars and one left and one right 17B102 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B40=16	16 mm	4 mm	Set
17B40=20	20 mm	4 mm	Set



System side bar set

Reference number 17B84

Concave, consisting of two 17B86 upper side bars and one left and one right 17B87 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B84=16	16 mm	4 mm	Set
17B84=20	20 mm	4 mm	Set



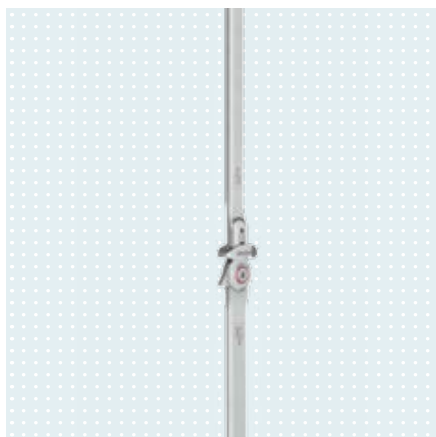
System side bar set, extra long

Reference number 17B41

Consisting of two 17B6 upper side bars and one left and one right 17B104 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B41=16	16 mm	5 mm	Set
17B41=20	20 mm	5 mm	Set



Hip joint bar with double lock

Reference number 17HL5

With double ring lock for locking at 90° and 180°, supplied in pairs, supports:

- Locking for stable standing (180°)
- Locking for stable sitting (90°)



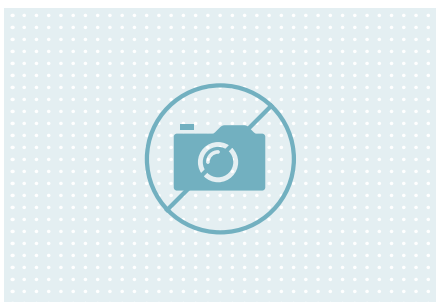
Technical data

Article number	Upper/lower bar length	Bar width top/bottom	Bar thickness top/bottom	Material	Quantity unit
17HL5=13-CS	300 / 250 mm	12,7 / 12,7 mm	4,76 / 4,76 mm	Steel	Pair

Information material

646D1279=EN_INT	Conventional joint bar system information for practitioners
647G1320	17HL5 instructions for use

Spare parts for 17HL5



Service set

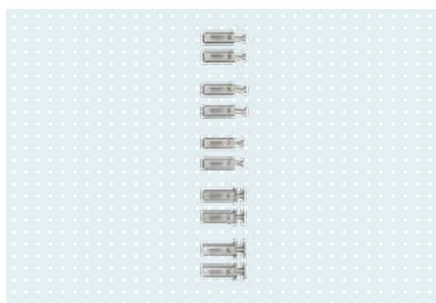
Reference number 17KHS=3

Service set for hip and knee joints

Technical data

Article number	Spare part for	Scope of delivery
17KHS=3	17HL5=13-CS	Bearing nut Bushing Flat round disk with slot Red washer Compression spring Truss head screw with slot Spring-loaded thrust piece

Accessory for 17HL5



Alignment insert set

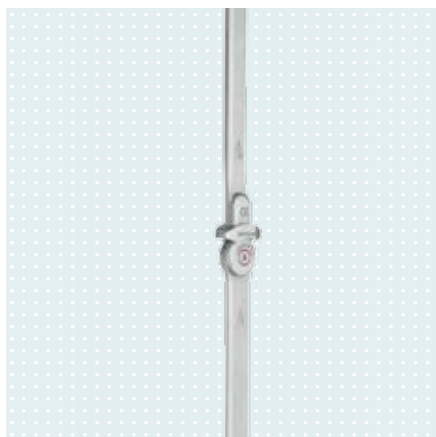
Reference number 743Y57

Technical data

Article number	Accessories for
743Y57	17HL5=13-CS

HKAFO/HO

Locked hip joints – Conventional orthotic joints



Locked hip joint bar

Reference number 17HL1



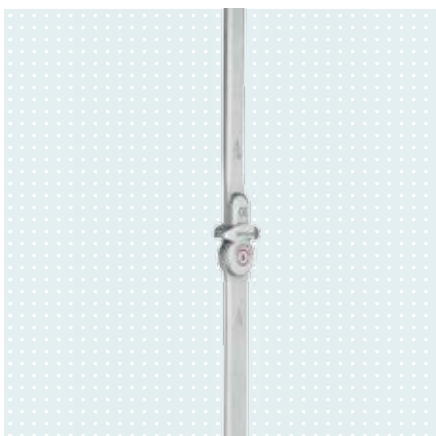
Technical data

Article number	Upper/lower bar length	Bar width top/bottom	Bar thickness top/bottom	Material	Quantity unit
17HL1=13-CS	300 / 200 mm	12,7 / 14,28 mm	4,75 / 4,75 mm	Steel	Pair
17HL1=16-CS	400 / 270 mm	15,87 / 19 mm	6,35 / 4,75 mm	Steel	Pair

- Manual = the ring lock must be manually moved into the locked position

Information material

646D1279=EN_INT	Conventional joint bar system information for practitioners
647G1423	17HF1 / 17HL1 / 17HL4 instructions for use



Locked hip joint bar

Reference number 17HL4



Technical data

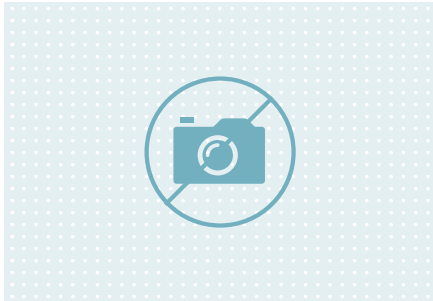
Article number	Upper/lower bar length	Bar width top/bottom	Bar thickness top/bottom	Material	Quantity unit
17HL4=13-CS	300 / 200 mm	12,7 / 14,28 mm	4,75 / 4,75 mm	Steel	Pair
17HL4=16-CS	400 / 270 mm	15,87 / 19 mm	6,35 / 4,75 mm	Steel	Pair

- Automatic = a spring presses the ring lock into the locked position

Information material

646D1279=EN_INT	Conventional joint bar system information for practitioners
647G1423	17HF1 / 17HL1 / 17HL4 instructions for use

Spare parts for 17HL4, 17HL4



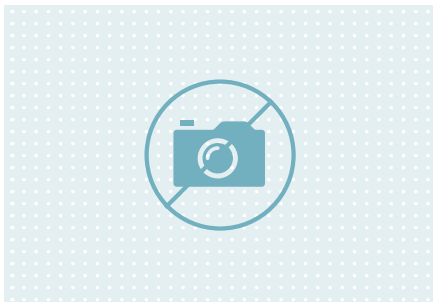
Service set

Reference number 17KHS=3

Service set for hip and knee joints

Technical data

Article number	Spare part for	Scope of delivery
17KHS=3	17HL1=13-CS 17HL4=13-CS	Bearing nut Bushing Flat round disk with slot Red washer Compression spring Truss head screw with slot Spring-loaded thrust piece



Service set

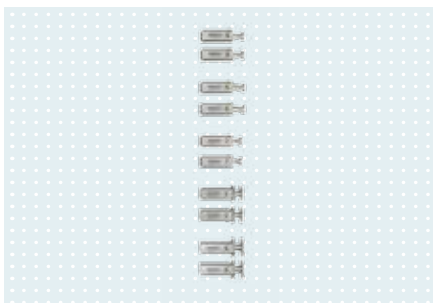
Reference number 17KHS=2

Service set for hip and knee joints

Technical data

Article number	Spare part for	Scope of delivery
17KHS=2	17HL1=16-CS 17HL4=16-CS	Bearing nut Bushing Flat round disk with slot Red washer Compression spring Truss head screw with slot Spring-loaded thrust piece

Accessory for 17HL1, 17HL1



Alignment insert set

Reference number 743Y57

Technical data

Article number	Accessories for
743Y57	17HL1=13-CS 17HL1=16-CS 17HL4=13-CS 17HL4=16-CS

HKAFO/HO

Locked hip joints – Conventional orthotic joints



Hip joint bar

Reference number 17H34

Locked hip joint with ring lock and abduction joint, flat bar profile



Technical data

Article number	Side	Thickness	Width	Milled head Ø	Upper/lower bar length	Material	Quantity unit
17H34=L	left (L)	5 mm	19 mm	30 mm	360 / 250 mm	Stainless steel	Piece
17H34=R	right (R)	5 mm	19 mm	30 mm	360 / 250 mm	Stainless steel	Piece

Information material

647G2

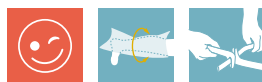
Instructions for use –
system/leg bars



Hip joint bar

Reference number 17H26

Locked hip joint with ring lock and abduction joint, flat bar profile



Technical data

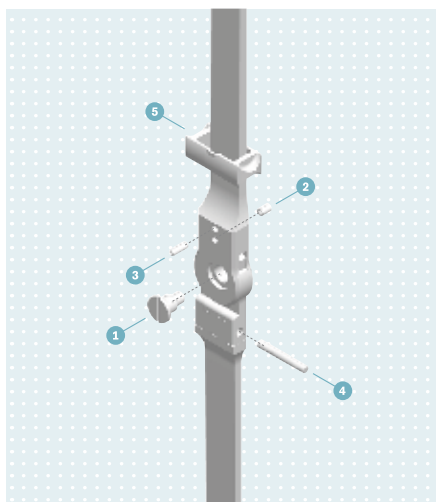
Article number	Side	Thickness	Width	Milled head Ø	Upper/lower bar length	Material	Quantity unit
17H26=L5	left (L)	4 mm	14 mm	20 mm	320 / 250 mm	Stainless steel	Piece
17H26=R5	right (R)	4 mm	14 mm	20 mm	320 / 250 mm	Stainless steel	Piece

Information material

647G2

Instructions for use –
system/leg bars

Spare parts for 17H34, 17H26

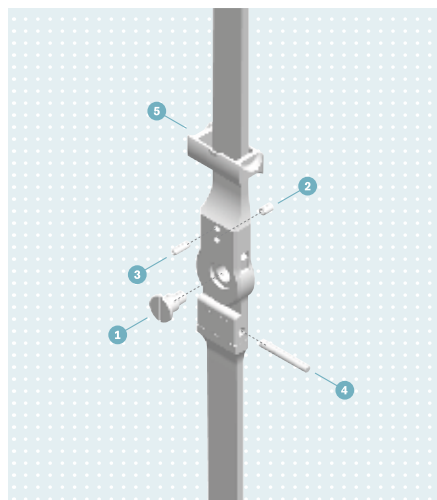


(1) Oval head screw, slotted and partially threaded

Reference number 501A21

Technical data

Article number	Spare part for	Material	Quantity unit
501A21	17H26=L5 17H26=R5	Stainless steel	Piece



(1) Oval head screw, slotted and partially threaded

Reference number 501A29

Technical data

Article number	Spare part for	Material	Quantity unit
501A29=14X9X6.5XM6	17H34=L 17H34=R	Stainless steel	Piece

(2) Spring-loaded thrust piece

Reference number 501D1

Technical data

Article number	Spare part for	Material	Quantity unit
501D1	17H34=L 17H34=R	Stainless steel	Piece

(3) Clamping sleeve

Reference number 506S1

Technical data

Article number	Spare part for	Material	Quantity unit
506S1=3.5X10	17H26=L5 17H26=R5 17H34=L 17H34=R	Stainless steel	Piece

(4) Rivet pin

Reference number 506A12

Technical data

Article number	Spare part for	Quantity unit
506A12=4X22	17H26=L5 17H26=R5 17H34=L 17H34=R	Piece

(5) Ring lock

Reference number 17Y31

Technical data

Article number	Spare part for	Material	Quantity unit
17Y31=14X10	17H34=L 17H34=R	Stainless steel	Piece



Hip joint bar

Reference number 17H28

With ring lock, flat bar profile



Technical data

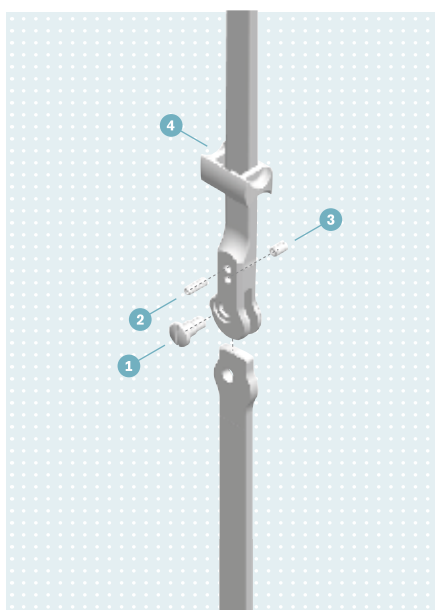
Article number	Side	Width	Thickness	Milled head Ø	Upper/lower bar length	Material	Quantity unit
17H28=L5	left (L)	14 mm	4 mm	20 mm	320 / 250 mm	Stainless steel	Piece
17H28=R5	right (R)	14 mm	4 mm	20 mm	320 / 250 mm	Stainless steel	Piece

Information material

647G2

Instructions for use –
system/leg bars

Spare parts for 17H28



(1) Oval head screw, slotted and partially threaded

Reference number 501A21

Technical data

Article number	Spare part for	Material	Quantity unit
501A21	17H28=L5 17H28=R5	Stainless steel	Piece

(2) Clamping sleeve

Reference number 506S1

Technical data

Article number	Spare part for	Material	Quantity unit
506S1=3.5X10	17H28=L5 17H28=R5	Stainless steel	Piece

(3) Spring-loaded thrust piece

Reference number 501D1

Technical data

Article number	Spare part for	Material	Quantity unit
501D1	17H28=L5 17H28=R5	Stainless steel	Piece

(4) Ring lock

Reference number 17Y31

Technical data

Article number	Spare part for	Material	Quantity unit
17Y31=14X10	17H28=L5 17H28=R5	Stainless steel	Piece





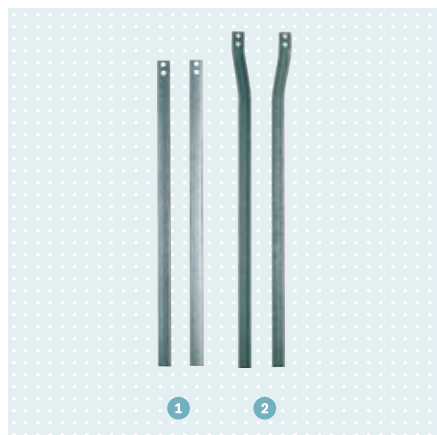
Bars/bar accessories

This section contains all bars made of aluminium, steel and titanium.



Bars/bar accessories

Aluminium



System side bar set

Reference number 17B39

Consisting of two upper side bars and one left and one right lower side bar, with Ottobock special adhesive

Technical data

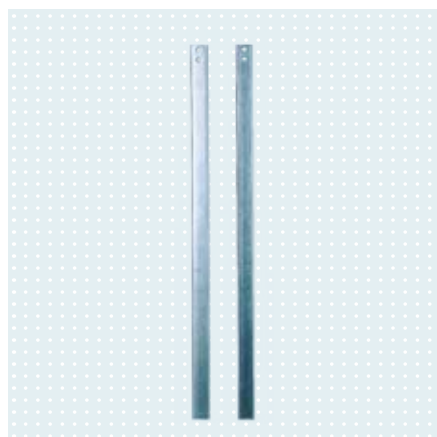
Article number	System width	Thickness	Quantity unit
17B39=16	16 mm	5 mm	Set
17B39=20	20 mm	5 mm	Set

Information material

646F465=ALL_INT AFO selection guide

647G78=ALL_INT Light metal bars instructions for use

Components of 17B39



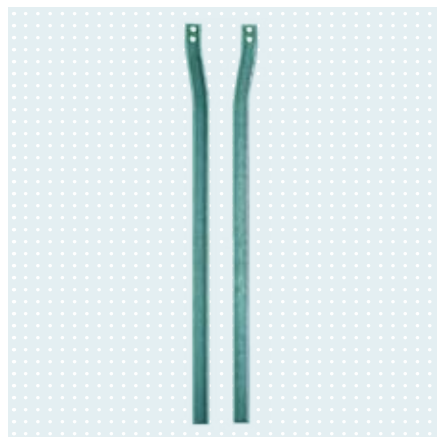
(1) Thigh side bar

Reference number 17B6

Thigh side bar for the 17B39 and 17B41 system side bar sets

Technical data

Article number	Length	Thickness	System width	Quantity unit
17B6=16	410 mm	5 mm	16 mm	Piece
17B6=20	410 mm	5 mm	20 mm	Piece



(2) Lower leg side bar

Reference number 17B7

Lower leg side bar for the 17B39 system side bar set

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17B7=L16	left (L)	16 mm	450 mm	5 mm	Piece
17B7=R16	right (R)	16 mm	450 mm	5 mm	Piece
17B7=L20	left (L)	20 mm	450 mm	5 mm	Piece
17B7=R20	right (R)	20 mm	450 mm	5 mm	Piece



System side bar set, extra long

Reference number 17B41

Consisting of two 17B6 upper side bars and one left and one right 17B104 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B41=16	16 mm	5 mm	Set
17B41=20	20 mm	5 mm	Set

Information material

647G78=ALL_INT

Light metal bars
instructions for use

Components of 17B41



(1) Thigh side bar

Reference number 17B6

Thigh side bar for the 17B39 and 17B41 system side bar sets

Technical data

Article number	Length	Thickness	System width	Quantity unit
17B6=16	410 mm	5 mm	16 mm	Piece
17B6=20	410 mm	5 mm	20 mm	Piece



(2) Lower leg side bar

Reference number 17B104

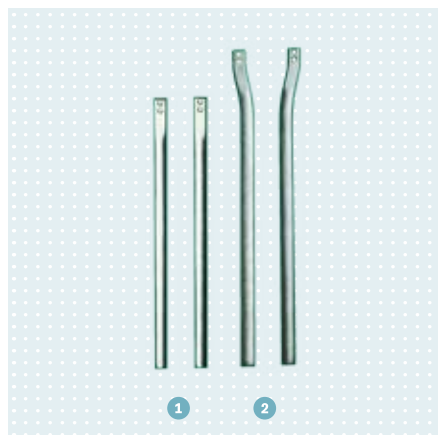
Lower leg side bar from the 17B41 side bar set

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17B104=L16	left (L)	16 mm	560 mm	5 mm	Piece
17B104=R16	right (R)	16 mm	560 mm	5 mm	Piece
17B104=L20	left (L)	20 mm	560 mm	5 mm	Piece
17B104=R20	right (R)	20 mm	560 mm	5 mm	Piece

Bars/bar accessories

Aluminium



System side bar set

Reference number 17B85

Concave, consisting of two 17B88 upper side bars and one left and one right 17B89 lower side bar, with Ottobock special adhesive

Technical data

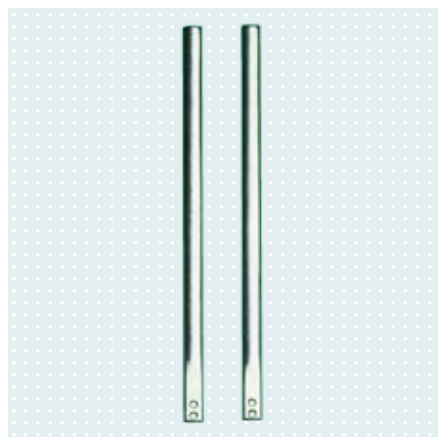
Article number	System width	Thickness	Quantity unit
17B85=16	16 mm	5 mm	Set
17B85=20	20 mm	5 mm	Set

Information material

647G78=ALL_INT

Light metal bars
instructions for use

Components of 17B85



(1) Thigh side bar

Reference number 17B88

Thigh side bar for 17B85

Technical data

Article number	System width	Length	Thickness	Quantity unit
17B88=16	16 mm	410 mm	5 mm	Piece
17B88=20	20 mm	410 mm	5 mm	Piece



(2) Lower leg side bar

Reference number 17B89

Lower leg side bar for 17B85

Technical data

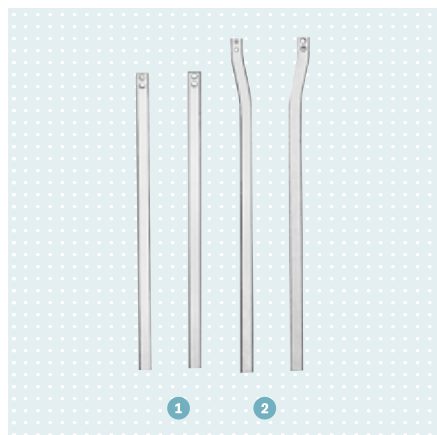
Article number	Side	System width	Length	Thickness	Quantity unit
17B89=L16	left (L)	16 mm	450 mm	5 mm	Piece
17B89=R16	right (R)	16 mm	450 mm	5 mm	Piece
17B89=L20	left (L)	20 mm	450 mm	5 mm	Piece
17B89=R20	right (R)	20 mm	450 mm	5 mm	Piece

Accessory for 17B39, 17B41, 17B85

636W18 special adhesive and 636W19 hardener are additional accessories for 17B39, 17B41 und 17B85. Please refer to the 646K1 materials catalogue for further information on these products.

Bars/bar accessories

Steel



System side bar set

Reference number 17B38

Flat, consisting of two 17B4 and 17B4=T upper side bars and one 17B5 and 17B5=T lower side bar each for the left and right sides, with Ottobock special adhesive

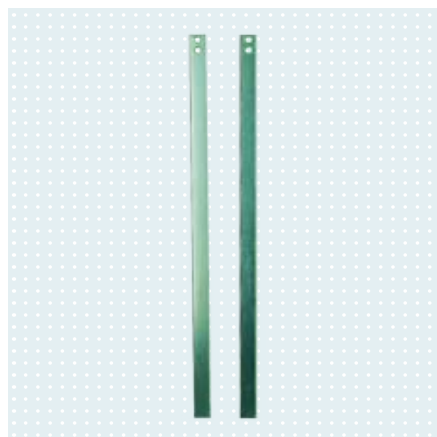
Technical data

Article number	System width	Thickness	Quantity unit
17B38=16	16 mm	4 mm	Set
17B38=20	20 mm	4 mm	Set

Information material

646F465=ALL_INT	AFO selection guide
647G2=ALL_INT	Instructions for use – system/leg bars

Components of 17B38



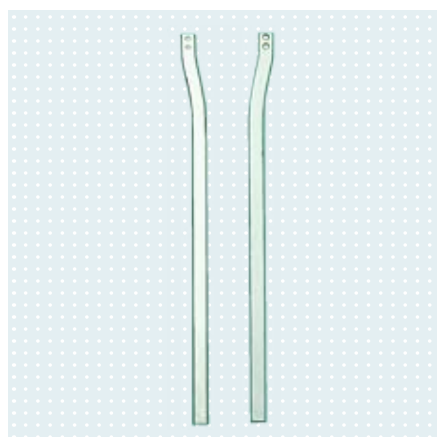
(1) Thigh side bar

Reference number 17B4

Upper side bar

Technical data

Article number	System width	Length	Thickness	Quantity unit
17B4=16	16 mm	410 mm	4 mm	Piece
17B4=20	20 mm	410 mm	4 mm	Piece



(2) Lower leg side bar

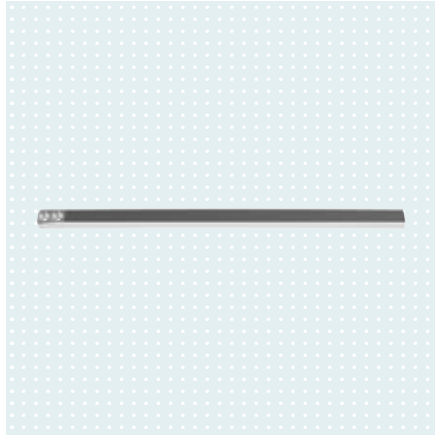
Reference number 17B5

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17B5=L16	left (L)	16 mm	450 mm	4 mm	Piece
17B5=R16	right (R)	16 mm	450 mm	4 mm	Piece
17B5=L20	left (L)	20 mm	450 mm	4 mm	Piece
17B5=R20	right (R)	20 mm	450 mm	4 mm	Piece

Accessory for 17B38

636W18 special adhesive and 636W19 hardener are additional accessories for 17B38. Please refer to the 646K1 materials catalogue for further information on these products.



Side bar

Reference number 17LV3

Side bar for the unilateral joint system

Technical data

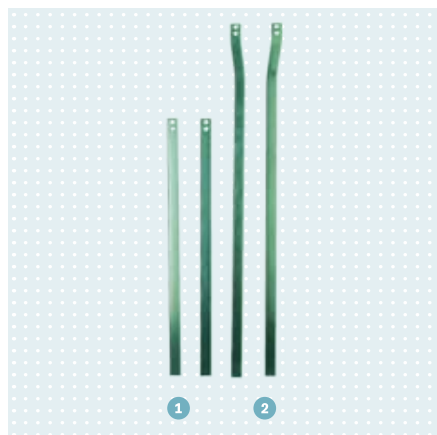
Article number	Width	Material	Quantity unit
17LV3=10	10 mm	Stainless steel	Piece
17LV3=12	12 mm	Stainless steel	Piece
17LV3=14	14 mm	Stainless steel	Piece
17LV3=16	16 mm	Stainless steel	Piece
17LV3=20	20 mm	Stainless steel	Piece
17LV3=L-16	16 mm	Stainless steel	Piece
17LV3=L-20	20 mm	Stainless steel	Piece
17LV3=R-16	16 mm	Stainless steel	Piece
17LV3=R-20	20 mm	Stainless steel	Piece

Information material

646F465=ALL_INT	AFO selection guide
646F483=ALL_INT	Nexgear Tango selection guide
647G1425=ALL_INT	17LS3 / 17LV3 / 17SB100 / 17SL100 instructions for use

Bars/bar accessories

Steel



System side bar set

Reference number 17B40

Overlength, flat, consisting of two 17B4 upper side bars and one left and one right 17B102 lower side bar, with Ottobock special adhesive

Technical data

Article number	System width	Thickness	Quantity unit
17B40=16	16 mm	4 mm	Set
17B40=20	20 mm	4 mm	Set

Information material

647G2

Instructions for use –
system/leg bars

Components of 17B40



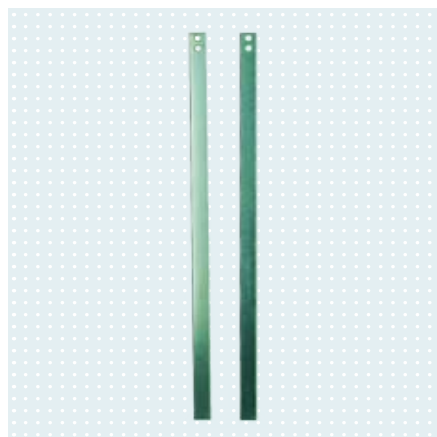
(1) Lower leg side bar

Reference number 17B102

Lower leg side bar made of stainless steel

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17B102=L16	left (L)	16 mm	560 mm	4 mm	Piece
17B102=R16	right (R)	16 mm	560 mm	4 mm	Piece
17B102=L20	left (L)	20 mm	560 mm	4 mm	Piece
17B102=R20	right (R)	20 mm	560 mm	4 mm	Piece



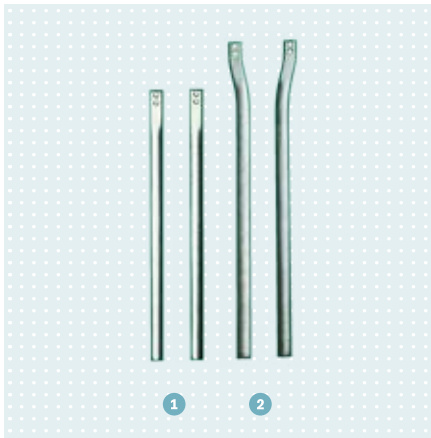
(2) Thigh side bar

Reference number 17B4

Upper side bar

Technical data

Article number	System width	Length	Thickness	Quantity unit
17B4=16	16 mm	410 mm	4 mm	Piece
17B4=20	20 mm	410 mm	4 mm	Piece



System side bar set

Reference number 17B84

Concave, consisting of two 17B86 upper side bars and one left and one right 17B87 lower side bar, with Ottobock special adhesive

Technical data

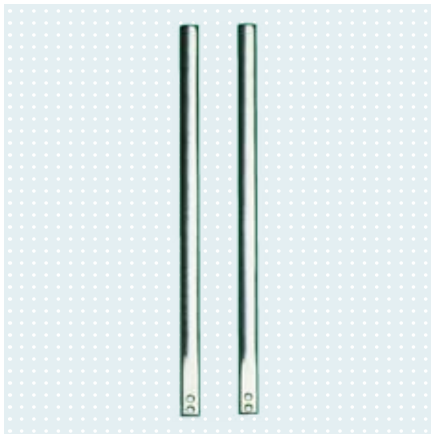
Article number	System width	Thickness	Quantity unit
17B84=16	16 mm	4 mm	Set
17B84=20	20 mm	4 mm	Set

Information material

647G2

Instructions for use –
system/leg bars

Components of 17B84



(1) Thigh side bar

Reference number 17B86

Thigh side bar for the 17B84 system side bar set

Technical data

Article number	System width	Length	Thickness	Quantity unit
17B86=16	16 mm	410 mm	4 mm	Piece
17B86=20	20 mm	410 mm	4 mm	Piece



(2) Lower leg side bar

Reference number 17B87

Lower leg side bar for the 17B84 system side bar set

Technical data

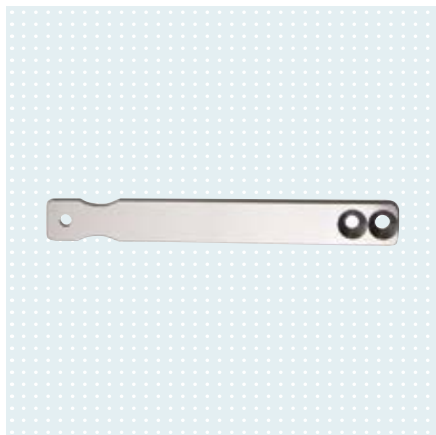
Article number	Side	System width	Length	Thickness	Quantity unit
17B87=L16	left (L)	16 mm	450 mm	4 mm	Piece
17B87=R16	right (R)	16 mm	450 mm	4 mm	Piece
17B87=L20	left (L)	20 mm	450 mm	4 mm	Piece
17B87=R20	right (R)	20 mm	450 mm	4 mm	Piece

Bars/bar accessories

Steel

Accessory for 17B40, 17B84

636W18 special adhesive and 636W19 hardener are additional accessories for 17B40 und 17B84. Please refer to the 646K1 materials catalogue for further information on these products.



Lamination bar

Reference number 17LS3



Technical data

Article number	Length	Width	Thickness	Material	Quantity unit
17LS3=10	80 mm	10 mm	5 mm bottom/3 mm top	Stainless steel	Piece
17LS3=12	80 mm	12 mm	5 mm bottom/3 mm top	Stainless steel	Piece
17LS3=14	100 mm	14 mm	6 mm bottom/2.5 mm top	Stainless steel	Piece
17LS3=16	130 mm	16 mm	6 mm bottom/3 mm top	Stainless steel	Piece
17LS3=20	130 mm	20 mm	6 mm bottom/3 mm top	Stainless steel	Piece

Information material

646F465=ALL_INT	AFO selection guide
647G1425=ALL_INT	17LS3 / 17LV3 / 17SB100 / 17SL100 instructions for use



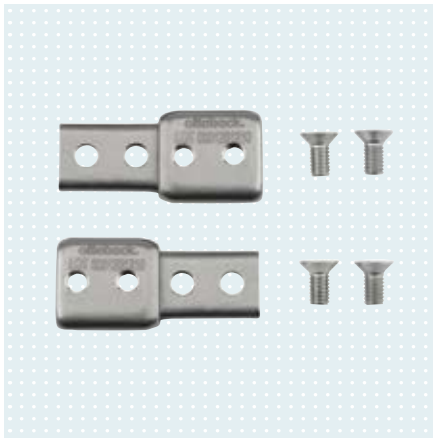
Connection piece with lug

Reference number 17B83

As connection between system hip joint and pelvic band

Technical data

Article number	For system width	Length	Quantity unit
17B83=16	16 mm	150 mm	Piece
17B83=20	20 mm	150 mm	Piece



System compensation piece

Reference number 17B8

To compensate for the difference in length between the system knee and hip joints with and without lock, can be used for contoured joints with restrictions

Technical data

Article number	For system width	Quantity unit
17B8=16	16 mm	Pair
17B8=20	20 mm	Pair



Connector with lug

Reference number 17Y61

Technical data

Article number	For system width	Quantity unit
17Y61=16	16 mm	Piece
17Y61=20	20 mm	Piece



System lamination bar

Reference number 17Y128

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	System width	Length	Thickness	Material	Quantity unit
17Y128=16X80	16 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=20X80	20 mm	80 mm	4 mm	Stainless steel	Piece
17Y128=16X100	16 mm	100 mm	4 mm	Stainless steel	Piece
17Y128=20X100	20 mm	100 mm	4 mm	Stainless steel	Piece

- ⚠ Caution! The system lamination bars always have to be used in pairs in the leg orthosis. Unilateral use can cause the lamination bar to break due to overloading.

Information material

646F465=ALL_INT	AFO selection guide
647G1543=ALL_INT	17Y128 / 17Y129 instructions for use

Bars/bar accessories

Steel



System lamination bar with contoured calf

Reference number 17Y129

The system lamination bars are glued with Ottobock special adhesive.

Technical data

Article number	Side	System width	Length	Thickness	Quantity unit
17Y129=L16	left (L)	16 mm	100 mm	4 mm	Piece
17Y129=R16	right (R)	16 mm	100 mm	4 mm	Piece
17Y129=L20	left (L)	20 mm	100 mm	4 mm	Piece
17Y129=R20	right (R)	20 mm	100 mm	4 mm	Piece

- ⚠ Caution! The system lamination bars always have to be used in pairs in the leg orthosis. Unilateral use can cause the lamination bar to break due to overloading.

Information material

646F465=ALL_INT	AFO selection guide
647G1543=ALL_INT	17Y128 / 17Y129 instructions for use



System side bar set

Reference number 17B38

Flat, consisting of two 17B4 and 17B4=T upper side bars and one 17B5 and 17B5=T lower side bar each for the left and right sides, with Ottobock special adhesive

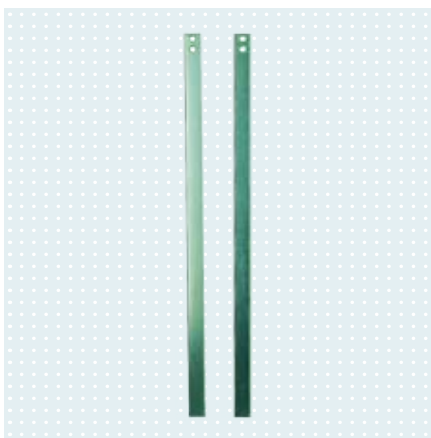
Technical data

Article number	System width	Thickness	Quantity unit
17B38=16-T	16 mm	4 mm	Set
17B38=20-T	20 mm	4 mm	Set

Information material

646F465=ALL_INT	AFO selection guide
647G2=ALL_INT	Instructions for use – system/leg bars

Components of 17B38



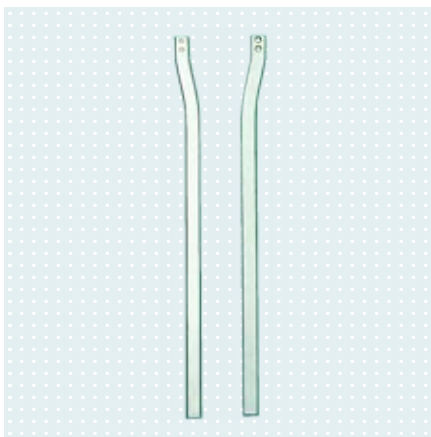
(1) Thigh side bar

Reference number 17B4

Upper side bar

Technical data

Article number	System width	Length	Thickness	Quantity unit
17B4		410 mm	4 mm	Piece
17B4=16	16 mm	410 mm	4 mm	Piece
17B4=16-T	16 mm	410 mm	4 mm	Piece
17B4=20	20 mm	410 mm	4 mm	Piece
17B4=20-T	20 mm	410 mm	4 mm	Piece



(2) Lower leg side bar

Reference number 17B5

Technical data

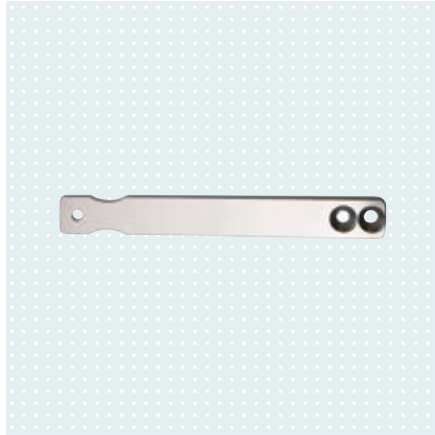
Article number	Side	System width	Length	Thickness	Quantity unit
17B5=L16	left (L)	16 mm	450 mm	4 mm	Piece
17B5=R16	right (R)	16 mm	450 mm	4 mm	Piece
17B5=L16-T	left (L)	16 mm	450 mm	4 mm	Piece
17B5=R16-T	right (R)	16 mm	450 mm	4 mm	Piece
17B5=L20	left (L)	20 mm	450 mm	4 mm	Piece
17B5=R20	right (R)	20 mm	450 mm	4 mm	Piece
17B5=L20-T	left (L)	20 mm	450 mm	4 mm	Piece
17B5=R20-T	right (R)	20 mm	450 mm	4 mm	Piece

Bars/bar accessories

Titanium

Accessory for 17B38

636W18 special adhesive and 636W19 hardener are additional accessories for 17B38. Please refer to the 646K1 materials catalogue for further information on these products.



Lamination bar

Reference number 17LS3

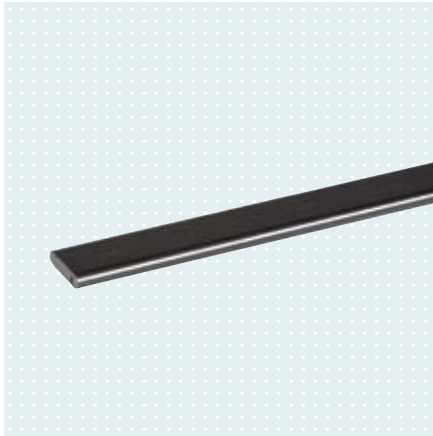


Technical data

Article number	Length	Width	Thickness	Material	Quantity unit
17LS3=10-T	80 mm	10 mm	5 mm bottom/3 mm top	Titanium	Piece
17LS3=12-T	80 mm	12 mm	5 mm bottom/3 mm top	Titanium	Piece
17LS3=14-T	100 mm	14 mm	6 mm bottom/2.5 mm top	Titanium	Piece
17LS3=16-T	130 mm	16 mm	6 mm bottom/3 mm top	Titanium	Piece
17LS3=20-T	130 mm	20 mm	6 mm bottom, 3 mm top	Titanium	Piece

Information material

646F465=ALL_INT	AFO selection guide
647G1425=ALL_INT	17LS3 / 17LV3 / 17SB100 / 17SL100 instructions for use



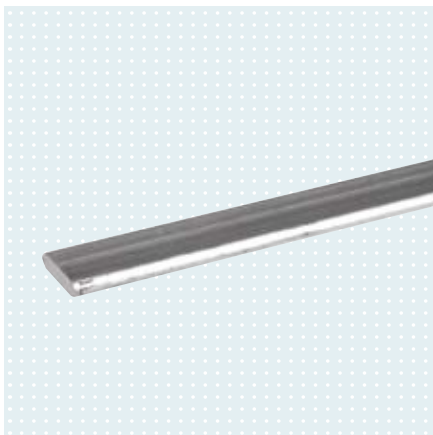
Stainless steel profile rod

Reference number 651P4

Suitable for fabricating system bars, with rounded edges, strength of approx. 800–950 N/mm², spot weldable

Technical data

Article number	Length	Width	Thickness
651P4=16	2,000 mm	16 mm	4 mm
651P4=20	2,000 mm	20 mm	4 mm



Light metal profile bar

Reference number 605P8

Suitable for fabricating system splints, with rounded edges, strength approx. 400 N/mm²

Technical data

Article number	Length	Width	Thickness	For system width
605P8=14	1000 mm	14 mm	5 mm	14 mm
605P8=16	2,000 mm	16 mm	5 mm	16 mm
605P8=20	2,000 mm	20 mm	5 mm	20 mm



Other

All other components, from arm bars to correction joint systems, are presented in this section.



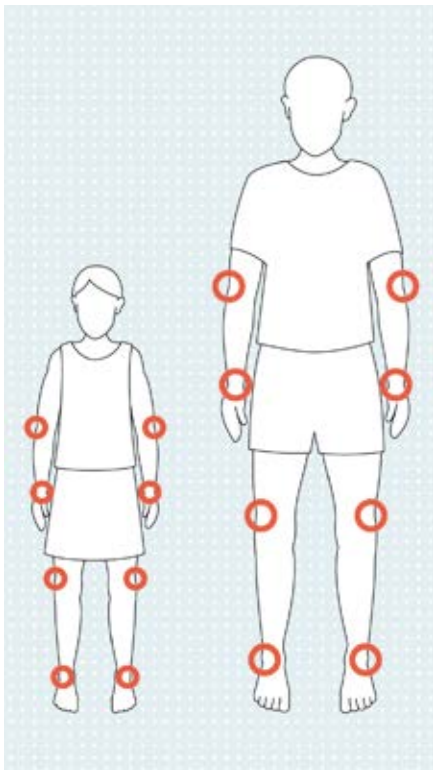
Other

Correction system joints



Information material

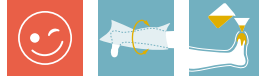
646D449=EN_INT	17BK1/17BK2 information for practitioners
646D537=ALL_INT	17BK1 / 17BK2 Quick start guide
647G482	17BK1 instructions for use



Correction system joints

Reference number 17BK1

Static joints for positioning orthoses



Technical data

Article number	Medial support	Side	System width	Material	Quantity unit
17BK1=L1	17BK3=18	left (L)	20 mm	Aluminium	Piece
17BK1=R1	17BK3=18	right (R)	20 mm	Aluminium	Piece
17BK1=L2	17BK3=18	left (L)	16 mm	Aluminium	Piece
17BK1=R2	17BK3=18	right (R)	16 mm	Aluminium	Piece
17BK1=L3	17BK3=14	left (L)	14 mm	Aluminium	Piece
17BK1=R3	17BK3=14	right (R)	14 mm	Aluminium	Piece
17BK1=L4	17BK3=14	left (L)	12 mm	Aluminium	Piece
17BK1=R4	17BK3=14	right (R)	12 mm	Aluminium	Piece

Size recommendation

User height	Wrist	Elbow joint	Knee joint	Ankle joint
Child up to 1 m	=L/R4	=L/R4	=L/R4	=L/R4
Child 1 to 1.40 m	=L/R4	=L/R3	=L/R3	=L/R3
Adults up to 1.60 m	=L/R4	=L/R3	=L/R2	=L/R2
Adults 1.60 to 1.90 m	=L/R3	=L/R2	=L/R1	=L/R1

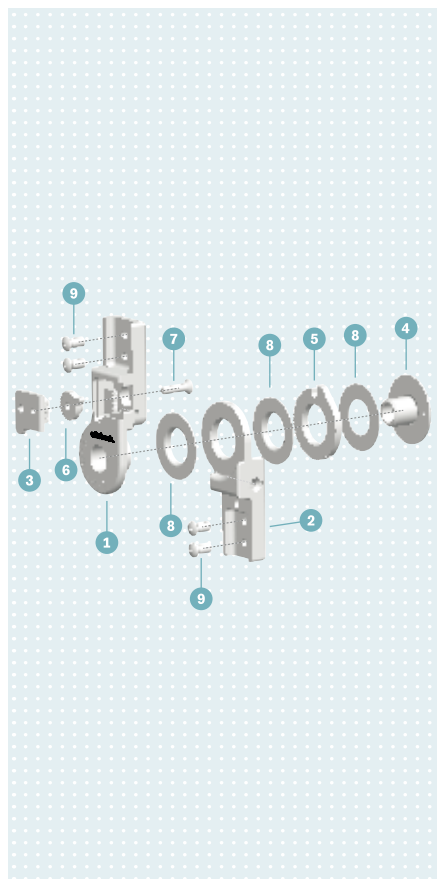
- Delivery condition: the joint is supplied with a wrench for set-up and adjustment.



Practical recommendation 17BK1

Attention: This information is only a recommendation. The correct size for the respective patient must be determined and specified by the O&P professional in each case. The joints are used individually or in pairs depending on the application. We recommend always using a medial support, e.g., an integrated plastic joint. The produce must be used bilaterally (in pairs) for the knee and ankle joints. The left/right side indications refer to application of the joints on the wrist, knee joint or ankle joint. The sides must be reversed for elbow applications to accommodate the anatomical shape of the elbow (right to left and left to right).

Spare parts for 17BK1

**(1) Upper joint section**

Reference number 17X14

Technical data

Article number	Spare part for	Side	Quantity unit
17X14=L-1	17BK1=L1	left (L)	Piece
17X14=R-1	17BK1=R1	right (R)	Piece
17X14=L-2	17BK1=L2	left (L)	Piece
17X14=R-2	17BK1=R2	right (R)	Piece
17X14=L-3	17BK1=L3	left (L)	Piece
17X14=R-3	17BK1=R3	right (R)	Piece
17X14=L-4	17BK1=L4	left (L)	Piece
17X14=R-4	17BK1=R4	right (R)	Piece

(2) Lower joint section

Reference number 17U14

Technical data

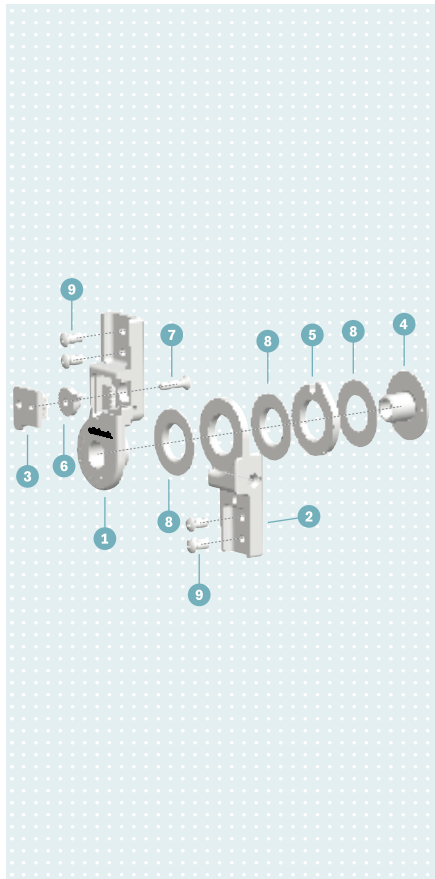
Article number	Spare part for	Side	Quantity unit
17U14=L-1	17BK1=L1	left (L)	Piece
17U14=R-1	17BK1=R1	right (R)	Piece
17U14=L-2	17BK1=L2	left (L)	Piece
17U14=R-2	17BK1=R2	right (R)	Piece
17U14=L-3	17BK1=L3	left (L)	Piece
17U14=R-3	17BK1=R3	right (R)	Piece
17U14=L-4	17BK1=L4	left (L)	Piece
17U14=R-4	17BK1=R4	right (R)	Piece

(3) Lock cover

Reference number 30Y154

Technical data

Article number	Spare part for	Side	Quantity unit
30Y154=L1	17BK1=L1	left (L)	Piece
30Y154=R1	17BK1=R1	right (R)	Piece
30Y154=L2	17BK1=L2	left (L)	Piece
30Y154=R2	17BK1=R2	right (R)	Piece
30Y154=L3	17BK1=L3	left (L)	Piece
30Y154=R3	17BK1=R3	right (R)	Piece
30Y154=R4	17BK1=R4	right (R)	Piece
30Y154=L4	17BK1=L4	left (L)	Piece



(4) Joint nut

Reference number 30Y156

Technical data

Article number	Spare part for	Quantity unit
30Y156=1	17BK1=L1 17BK1=R1	Piece
30Y156=2	17BK1=L2 17BK1=R2	Piece
30Y156=3	17BK1=L3 17BK1=R3	Piece
30Y156=4	17BK1=L4 17BK1=R4	Piece

(5) Gear wheel

Reference number 30Y157

Technical data

Article number	Spare part for	Quantity unit
30Y157=1	17BK1=L1 17BK1=R1	Piece
30Y157=2	17BK1=L2 17BK1=R2	Piece
30Y157=3	17BK1=L3 17BK1=R3	Piece
30Y157=4	17BK1=L4 17BK1=R4	Piece

(6) Set wheel with lever

Reference number 30Y212

Technical data

Article number	Spare part for	Quantity unit
30Y212=1	17BK1=L1 17BK1=R1 17BK1=L2 17BK1=R2 17BK1=L3 17BK1=R3	Piece
30Y212=2	17BK1=L4 17BK1=R4	Piece

(7) Phillips countersunk head screw

Reference number 501T19

Technical data

Article number	Spare part for	Thread	Length	Material
501T19=M3X12-1	17BK1=L4 17BK1=R4	M3	12 mm	Stainless steel
501T19=M4X14-1	17BK1=L2 17BK1=R2 17BK1=L3 17BK1=R3	M4	14 mm	Stainless steel
501T19=M4X16-1	17BK1=L1 17BK1=R1	M4	16 mm	Stainless steel

(8) Washer set

Reference number 17BK1=S

Technical data

Article number	Spare part for	Quantity unit
17BK1=S-1	17BK1=S-1 17BK1=L1 17BK1=R1	Piece
17BK1=S-2	17BK1=L2 17BK1=R2	Piece
17BK1=S-3	17BK1=L3 17BK1=R3	Piece
17BK1=S-4	17BK1=L4 17BK1=R4	Piece

(9) Phillips oval countersunk head screw

Reference number 501S86

Technical data

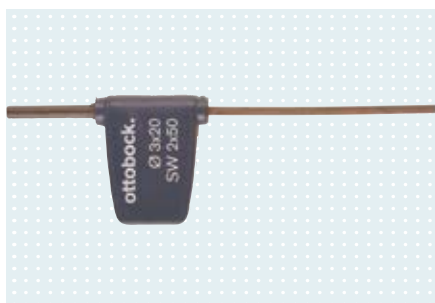
Article number	Spare part for	Head Ø	Length	Material	Quantity unit
501T7=7.5X11XM5	17BK1=L3 17BK1=R3 17BK1=L4 17BK1=R4	7,5 mm	11 mm	Stainless steel	Piece

(9) Phillips oval countersunk head screw

Reference number 501T7

Technical data

Article number	Spare part for	Head Ø	Length	Material	Quantity unit
501T7=7.5X11XM5	17BK1=L1 17BK1=R1 17BK1=L2 17BK1=R2	7,5 mm	11 mm	Stainless steel	Piece



Allen wrench

Reference number 710H10

The Allen wrench with wing handle is available as a spare part and is used for adjusting various modular knee joints and modular hip joints.

Technical data

Article number
710H10=2X3

Other

Correction system joints

Accessory for 17BK1



Dynamic unit for correction system joint

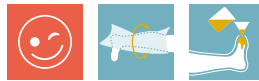
Reference number 17BK2

The 17BK2 dynamic unit is available for all four sizes of the 17BK1 static correction system joint and, depending on the joint size, offers a maximum spring force of approx. 10 Nm. Using the 17BK2 dynamic unit allows for extension or flexion yielding, depending on the joint and indications. Spring force is used to slowly bring the joint back into the desired position.

The spring force is continuously adjustable, allowing for individual dynamic treatment of contractures

Information material

646D449=EN_INT	17BK1/17BK2 information for practitioners
646D537=ALL_INT	17BK1 / 17BK2 Quick start guide
647G605	17BK2 Instructions for use



Technical data

Article number	Accessories for	Spring tension	Quantity unit
17BK2=L1	17BK1=L1	~ 10 Nm	Piece
17BK2=L2	17BK1=L2	~ 6 Nm	Piece
17BK2=L3	17BK1=L3	~ 6 Nm	Piece
17BK2=L4	17BK1=L4	~ 3 Nm	Piece
17BK2=R1	17BK1=R1	~ 10 Nm	Piece
17BK2=R2	17BK1=R2	~ 6 Nm	Piece
17BK2=R3	17BK1=R3	~ 6 Nm	Piece
17BK2=R4	17BK1=R4	~ 3 Nm	Piece

Spare parts for 17BK2

(1) Cover

Reference number 30Y183

Technical data

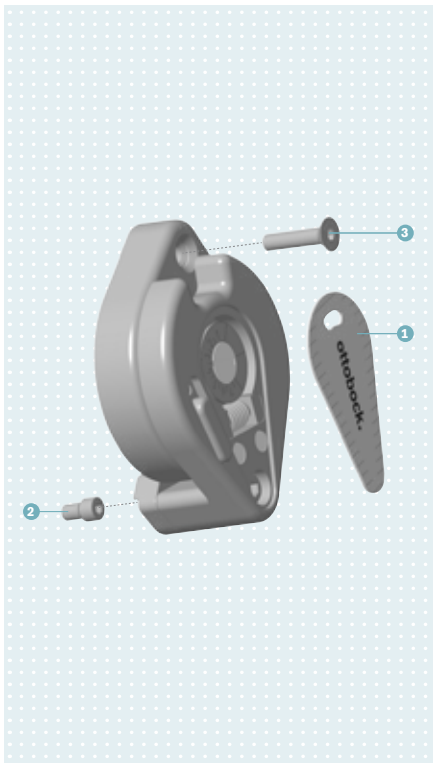
Article number	Quantity unit
30Y183=1	Piece
30Y183=2	Piece
30Y183=4	Piece

(2) Location bolt

Reference number 30Y192

Technical data

Article number	Quantity unit
30Y192=1	Piece
30Y192=2	Piece
30Y192=4	Piece



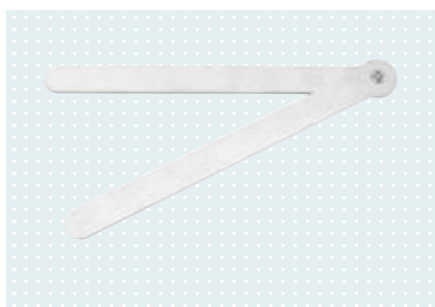
(3) Flat head screw

Reference number 501S84

Technical data

Article number	Quantity unit
501S84=M5X22	Piece
501S84=M4X18	Piece
501S84=M4X17	Piece
501S84=M3X14	Piece

Accessory for 17BK1



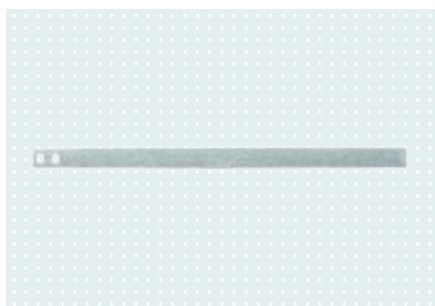
Medial support for correction system joint

Reference number 17BK3

Technical data

Article number	Material	Quantity unit
17BK3=14	Aluminium	Piece
17BK3=18	Aluminium	Piece

• Please note that the size and side of the static and dynamic units have to be identical.



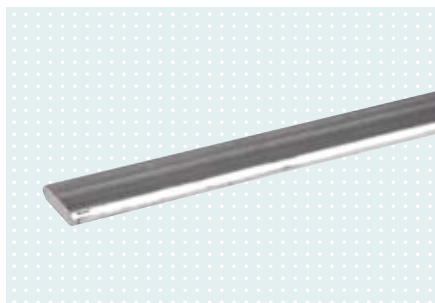
Side bar

Reference number 17F52

Side bar for joints

Technical data

Article number	Accessories for	Length	Width	Thickness	Material	Quantity unit
17F52=12X3X220	17BK1=L4 17BK1=R4	220 mm	12 mm	3 mm	Aluminium	Piece
17F52=14X3X220	17BK1=L3 17BK1=R3	220 mm	14 mm	3 mm	Aluminium	Piece



Light metal profile bar

Reference number 605P8

- For fabricating system bars
- Strength: approx. 400 N/mm²
- Good malleability by bending
- Round edges

Technical data

Article number	Accessories for	Length	Width	Thickness	Material
605P8=16	17BK1=L2 17BK1=R2	2,000 mm	16 mm	5 mm	Aluminium
605P8=20	17BK1=L1 17BK1=R1	2,000 mm	20 mm	5 mm	Aluminium

Other

Correction system joints

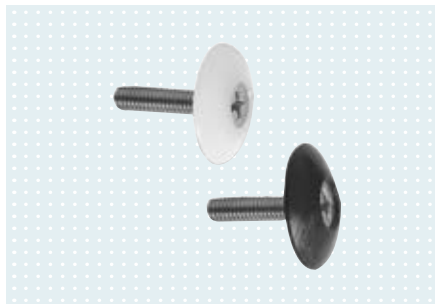


Oval head screw, slotted and partially threaded

Reference number 501A29

Technical data

Article number	Accessories for	Material	Quantity unit
501A29=12X7XM4	17BK1=L2 17BK1=R2 17BK1=L3 17BK1=R3	Stainless steel	Piece
501A29=14X9.5XM6	17BK1=L1 17BK1=R1	Stainless steel	Piece



Phillips head screw

Reference number 29Y27

The Phillips head screw is available with a white or black plastic head and is suitable for fastening straps.

Technical data

Article number	Accessories for	Thread	Length	Colour
29Y27=M4X20-6	17BK1=L4 17BK1=R4	M4	20 mm	White



Double joint arm bars

Reference number 16U4

The double joint arm bars are free-moving. The bar profile is half-round and hollow. Joint bar length: 270 mm (top/bottom), joint bar width/thickness: 14/2 mm, suitable for orthoses and prostheses.

Technical data

Article number	Material	Quantity unit
16U4	Stainless steel	2 pair

Information material

647G2

Instructions for use –
system/leg bars



Double joint arm bars

Reference number 16U5

The double joint arm bars are free-moving with a gear ratio. The bar profile is half-round and hollow. Bar length: 270 mm (top/bottom), length of the step-up bar: 105 mm.

Technical data

Article number	Material	Quantity unit
16U5	Stainless steel	Pair

Information material

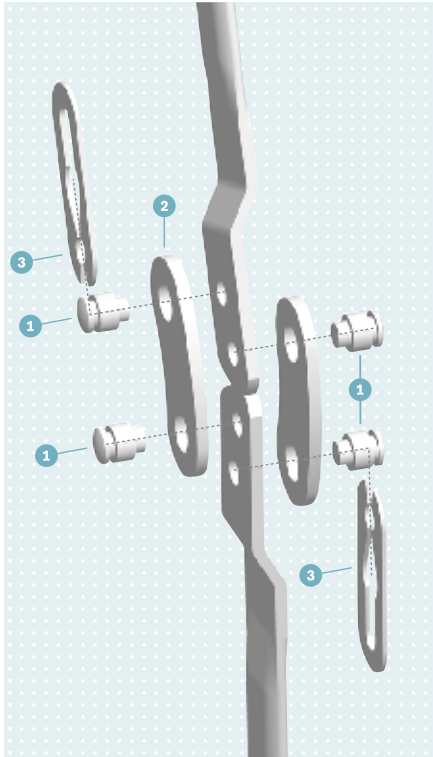
647G2

Instructions for use –
system/leg bars

Other

Arm bars

Spare parts for 16U4, 16U5



(1) Joint bolt, hardened

Reference number 16Y5

Technical data

Article number	Quantity unit
16Y5	Piece

(2) Joint plate

Reference number 16Y9

Technical data

Article number	Material	Quantity unit
16Y9	Stainless steel	Piece

(3) Spring cap

Reference number 16Y6

Technical data

Article number	Material	Quantity unit
16Y6	Stainless steel	Piece



Arm bar with joint

Reference number 16U7

Free motion joint in flexion direction. Width: 14 mm. Material thickness: 2.45 mm. Overall length: 307 mm. Package contents: Two pieces.

Technical data

Article number	Width	Length from joint center	Material thickness	Material	Quantity unit
16U7	14 mm	307 mm	2.45 mm	Stainless steel	Pair

Spare parts for 16U7



Joint

Reference number 17F48

Free motion ankle joint

Technical data

Article number	Material	Quantity unit
17F48-5	Stainless steel	Piece



Bushing

Reference number 17Y17

Technical data

Article number	Table helper variable	Material	Quantity unit
17Y17=6X8X2.4	16U7	Brass	Piece



Bearing nut

Reference number 17Y93

Technical data

Article number	Spare part for	Attachment Ø	Shank length	Quantity unit
17Y93=6X5.2XM4	16U7	6 mm	5.2 mm	Piece

Other

Arm bars

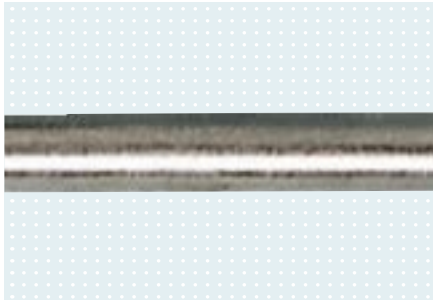


Slotted truss head screw

Reference number 501S32

Technical data

Article number	Spare part for	Length	Thread	Material	Quantity unit
501S32=M4X10X7.5	16U7	7.5 mm	M4	Stainless steel	Piece

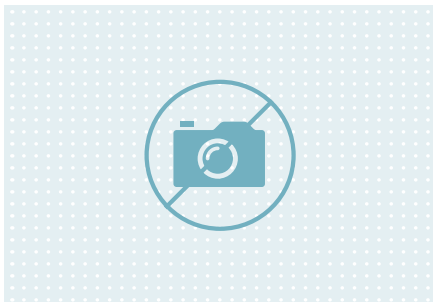


Rivet pin

Reference number 506A12

Technical data

Article number	Spare part for	Quantity unit
506A12=4X6	16U7	Piece

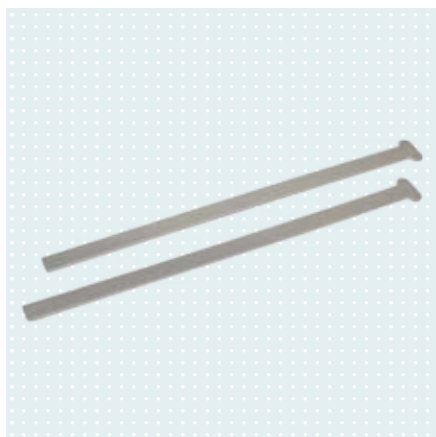


Upper arm bar

Reference number 16Y64

Technical data

Article number	Spare part for	Quantity unit
16Y64	16U7	Piece



Arm bar

Reference number 16U8

Free motion joint in flexion direction.

Technical data

Article number	Width	Overall length	Material thickness	Material	Quantity unit
16U8	14 mm	300 mm	2.45 mm	Stainless steel	Pair

Spare parts for 16U8



Joint

Reference number 17F48

Technical data

Article number	Material	Quantity unit
17F48=5	Edelstahl	piece



Bushing

Reference number 17Y17

Technical data

Article number	Table helper variable	Material	Quantity unit
17Y17=6X8X2.4	16U7	Brass	Piece



Bearing nut

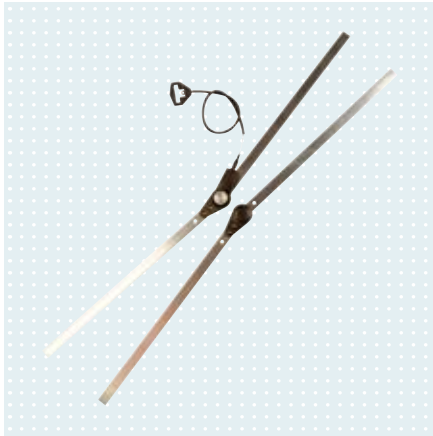
Reference number 17Y93

Technical data

Article number	Spare part for	Attachment Ø	Shank length	Quantity unit
17Y93=6X5.2XM4	16U8	6 mm	5.2 mm	Piece

Other

Arm bars



Elbow joint bars

Reference number 16X12

Two joint bars for arm prostheses, usable on both sides. One joint bar has a swivelling cable lock and 18 locking positions in 7.2° increments. The other joint bar has a flat bar profile and no lock.

Technical data

Article number	Head Ø	Material	Quantity unit
16X12	30 mm	Stainless steel	Pair

Information material

647G472 12R5 / 16X12 / 16X13 /
16X14 / 16Y27
instructions for use

Components of 16X12



Elbow joint bar with cable lock

Reference number 16X13

Joint with swivelling cable lock, 18 locking positions in 7.2° increments, flat bar profile, suitable for both sides, for arm prostheses. Head diameter of 30 mm, joint bar length of 320 mm (top and bottom), joint bar width/thickness: 14 / 2 mm.

Technical data

Article number	Head Ø	Material	Quantity unit
16X13	30 mm	Stainless steel	Piece

Information material

647G472 12R5 / 16X12 / 16X13 /
16X14 / 16Y27
instructions for use



Elbow joint bar without lock

Reference number 16X14

The joint is freely moveable with a flat joint bar profile. Head diameter of 30 mm, joint bar length of 320 mm (top and bottom), joint bar width/thickness: 14 / 2 mm.

Technical data

Article number	Head Ø	Material	Quantity unit
16X14	30 mm	Stainless steel	Piece

Information material

647G472	12R5 / 16X12 / 16X13 / 16X14 / 16Y27 instructions for use
---------	---

Spare parts for 16X12



Joint Piece with Cable Lock

Reference number 16Y27

Joint piece with cable lock. 18 locking positions in 7.2° increments, suitable for both sides. With joint bracket and socket screws (oval head screws). Compatible with 12K27, 16X12 and 16X13.

Technical data

Article number	Quantity unit
16Y27	Piece



Joint Piece without Lock

Reference number 16Y31

Joint piece without lock, compatible with 16X12 and 16X14. With joint bracket and socket screws.

Technical data

Article number	Quantity unit
16Y31=N	Piece

Other

Arm bars



Pull cable

Reference number 16Y26

The pull cable with threaded connection is a spare part for the 12K27 elbow component and the 16X12 and 16X13 elbow joint bars.

Technical data

Article number	Quantity unit
16Y26	Piece



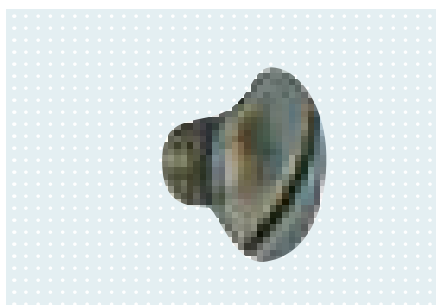
Stirrup with wedge lock

Reference number 21Y79

Belt flap with wedge lock, compatible with 16X12 and 16X13 models.

Technical data

Article number	Quantity unit
21Y79	Piece



Socket screw

Reference number 501S59

Technical data

Article number	Quantity unit
501S59	Piece



Arm bars

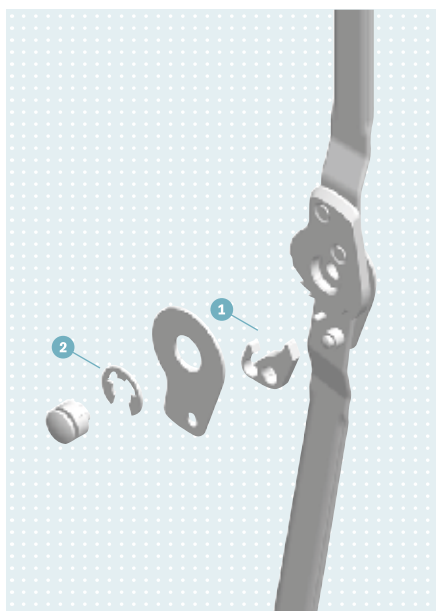
Reference number 16X4

Joints with automatic ratchet lock, locks only in extension direction, releases at a max. flexion of approx. 135°, concave half-round bar profile

Technical data

Article number	Bar width	Joint bar thickness	Head Ø	Material	Quantity unit
16X4	14 mm	2 mm	26 mm	Stainless steel	Piece

Spare parts for 16X4



(1) Lock latch

Reference number 16Y7

Technical data

Article number	Material	Quantity unit
16Y7	Stainless steel	Piece

(2) Lock washer

Reference number 16Y8

Technical data

Article number	Material	Quantity unit
16Y8	Stainless steel	Piece



Arm bar

Reference number 16X8

This joint type is offered in one universal size and in pairs. It features a free motion medial bar. Different incremental flexion and extension settings of the bar are possible (in 30° steps): 180°; 150°; 120°; 90°; 60°; 30°

Technical data

Reference number	Bar length	Bar width	Quantity unit
16X8	457 mm	12.7 mm	Pair

- Indicated for example in case of: Fractures in the area of the elbow joint. Postoperative follow-up treatment with flexion/extension settings defined by the physician

Other

Arm bars



Positioning joint

Reference number 17B70

Adjustable in 8° increments, used with adjustable positioning splints and static correction orthoses

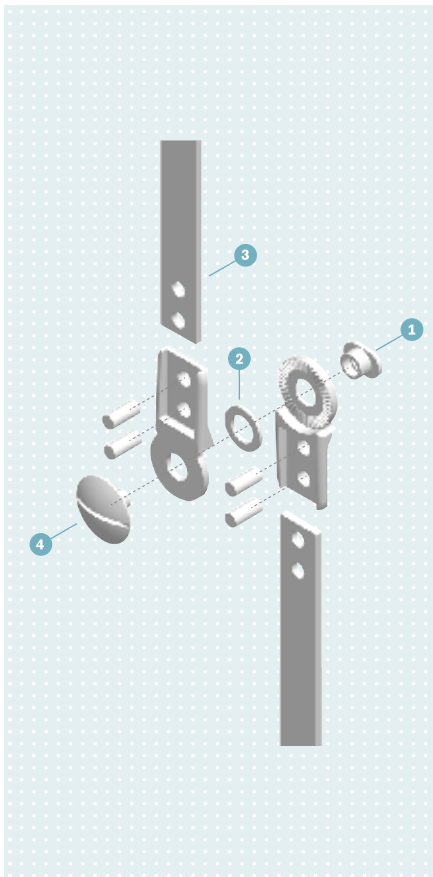
Technical data

Article number	For system width	Material	Quantity unit
17B70=12	12 mm	Stainless steel	Piece

Information material

647G2 Instructions for use – system/leg bars

Spare parts for 17B70



(1) Bearing nut

Reference number 17Y93

Technical data

Article number	Spare part for	Insertion length	Profile length	Shank length	Thread	Shoulder Ø	Quantity unit
17Y93=7X4.8XM5	17B70=12	3.55 mm	12 mm	4.8 mm	M5	7 mm	Piece

(2) Ring

Reference number 18Z3

Technical data

Article number	Quantity unit
18Z3	Piece

(3) Spring band steel profile bar

Reference number 651B1

Technical data

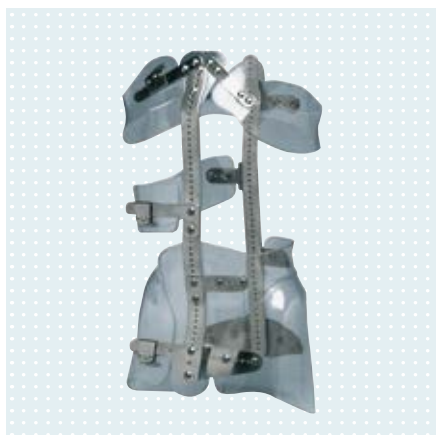
Article number	Length	Width	Thickness	Quantity unit
651B1=12	2,000 mm	12 mm	2 mm	Piece

(4) Slotted truss head screw

Reference number 501S57

Technical data

Article number	Quantity unit
501S57	Piece



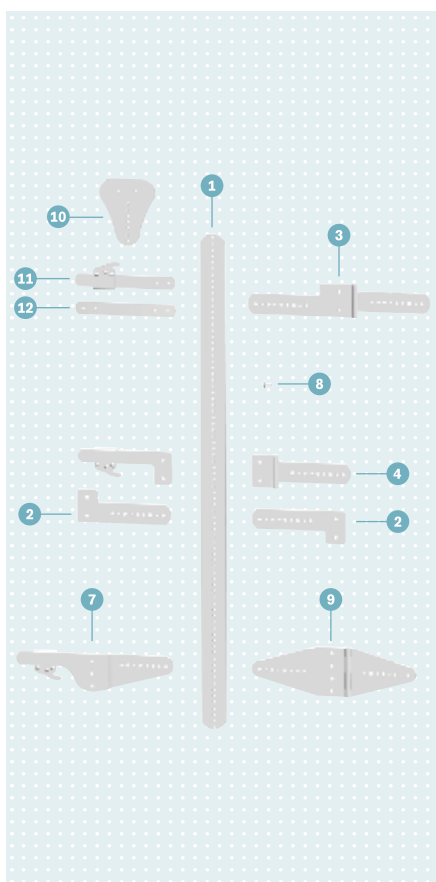
Kit for Lyon spinal orthosis

Reference number 28R8

Technical data

Article number	For age group	Quantity unit
28R8=1	adolescent	Set
28R8=2	adolescent (tall)	Set

Spare parts for 28R8



(1) Anterior and posterior uprights

Reference number 29R32

With M4 threaded holes at 7.5 mm intervals

Technical data

Article number	Length	Width	Thickness	Material	Package contents	Quantity unit
29R32=2	500 mm	25 mm	4 mm	Aluminium	2 pcs	Piece
29R32=1	600 mm	30 mm	4 mm	Aluminium	2 pcs	Piece

(2) Connecting element

Reference number 29R60

single-sided, flat

Technical data

Article number	Length	Material	Package contents	Quantity unit
29R60=2	105 mm	INOX	2 pcs	Piece
29R60=1	120 mm	INOX	2 pcs	Piece

(3) Connection hinge

Reference number 29R62

Flat, with unilateral hinge and opposing horizontal rigid connection, offset mounting planes

Technical data

Article number	Length	Material	Quantity unit
29R62=2	195 mm	INOX	Piece
29R62=1	220 mm	INOX	Piece

(4) Hinge

Reference number 29R59

single-sided, flat

Technical data

Article number	Length	Material	Quantity unit
29R59=2	110 mm	INOX	Piece
29R59=1	120 mm	INOX	Piece

(5) Bar closure (not illustrated)

Reference number 29R36

3-position lock

Technical data

Article number	Length	Material	Quantity unit
29R36=L	left	INOX	Piece
29R36=R	right	INOX	Piece

(6) Pelvic closure

Reference number 29R49

Right side, 3-position lock, offset flexible rigid connection on left side

Technical data

Article number	Material	Quantity unit
29R49=L	INOX	Piece
29R49=R	INOX	Piece

(7) Bar closure, flexible

Reference number 29R33

3-position lock

Technical data

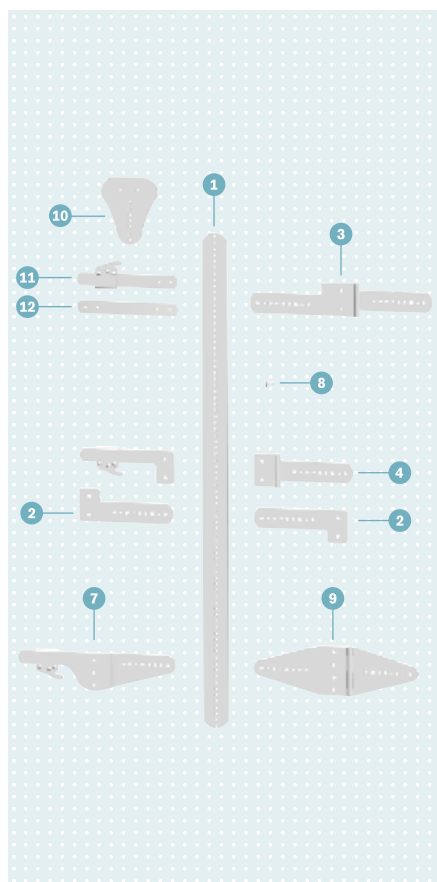
Article number	Size	Length	Material	Quantity unit
29R33=L3	3	100 mm	INOX	Piece
29R33=R3	3	100 mm	INOX	Piece
29R33=L1	1	300 mm	INOX	Piece
29R33=R1	1	300 mm	INOX	Piece

(8) Flat headed screw

Reference number 501S16

Technical data

Article number	Thread	Thread length	Head Ø
501S16=M4X8X10	M4	8 mm	10 mm



(9) Pelvic hinge

Reference number 29R55

flat

Technical data

Article number	Length	Material	Quantity unit
29R55=2	50 mm	INOX	Piece
29R55=1	60 mm	INOX	Piece

(10) Chest pad

Reference number 29R45

With M4 threaded holes at 7.5 mm intervals

Technical data

Article number	Material	Quantity unit
29R45	Aluminium	Piece

Accessory for 28R8

(11) Bar closure, flexible

Reference number 29R120

Technical data

Article number	Accessories for	Size	Length	Quantity unit
29R120=R1	28R8=2 28R8=1	1	200 mm	Piece

(12) Connecting element

Reference number 29R38

Technical data

Article number	Accessories for	Length	Material	Quantity unit
29R38=2	28R8=2	170 mm	Spring band steel	Piece
29R38=1	28R8=1	200 mm	Spring band steel	Piece

Other

Kits for spinal orthoses



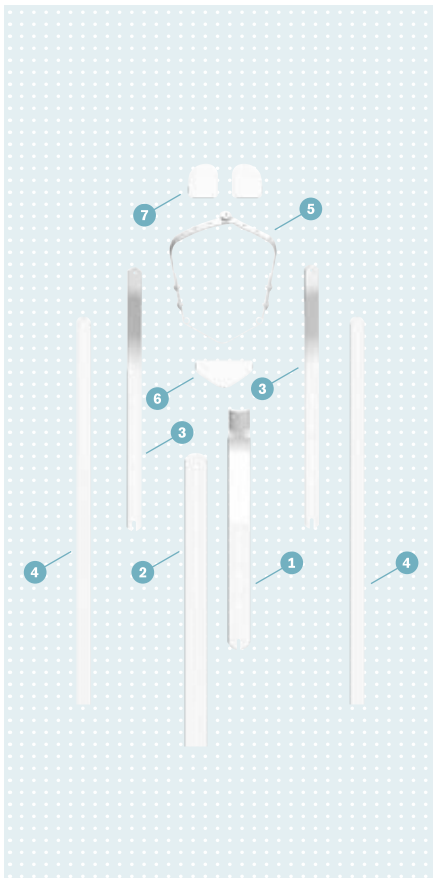
Kit for Milwaukee spinal orthosis

Reference number 28R10

Technical data

Article number	Quantity unit
28R10=3	Set
28R10=2	Set
28R10=1	Set

Spare parts for 28R10



(1) Lower anterior upright

Reference number 29R89

Technical data

Article number	Length	Width	Thickness	Material	Quantity unit
29R89=2	300 mm	25 mm	4 mm	Aluminium	Piece
29R89=1	300 mm	30 mm	4 mm	Aluminium	Piece

(2) Lower anterior upright

Reference number 29R92

Technical data

Article number	Length	Width	Thickness	Material	Quantity unit
29R92=2	390 mm	25 mm	4 mm	Aluminium	Piece
29R92=1	420 mm	30 mm	4 mm	Aluminium	Piece

(3) Back splint

Reference number 29R94

Technical data

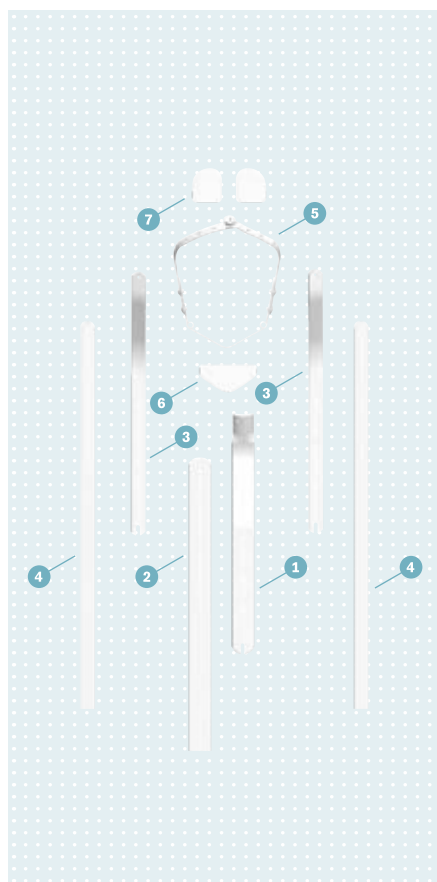
Article number	Length	Width	Thickness	Material	Quantity unit
29R94=1	350 mm	20 mm	4 mm	Aluminium	Pair

(4) Back splint

Reference number 29R100

Technical data

Article number	Length	Width	Thickness	Material	Quantity unit
29R100=3	420 mm	20 mm	4 mm	Aluminium, Steel	Pair
29R100=1	510 mm	20 mm	4 mm	Aluminium, Steel	Pair



(5) Neck ring (head piece)

Reference number 29R81

Technical data

Article number	Material	Quantity unit
29R81=7	INOX	Piece
29R81=6	INOX	Piece
29R81=5	INOX	Piece
29R81=4	INOX	Piece
29R81=3	INOX	Piece
29R81=2	INOX	Piece
29R81=1	INOX	Piece

(6) Throat Mold

Reference number 29R83

Technical data

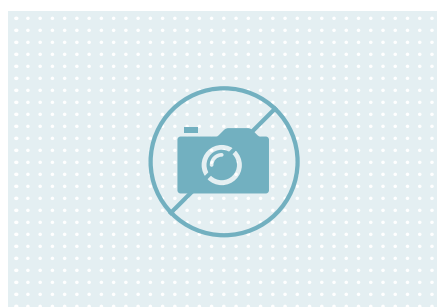
Article number
29R83=1
29R83=3
29R83=2

(7) Occipital support

Reference number 29R86

Technical data

Article number	Size	Material	Colour	Quantity unit
29R86=3	small	Polyethylene	Natural colour	Pair
29R86=2	medium	Polyethylene	Natural colour	Pair
29R86=1	large	Polyethylene	Natural colour	Pair



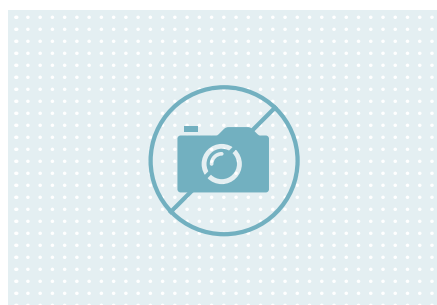
Knurled nut

Reference number 29R82

Stainless steel for neck ring

Technical data

Article number	Quantity unit
29R82	Piece



Half-round rivets

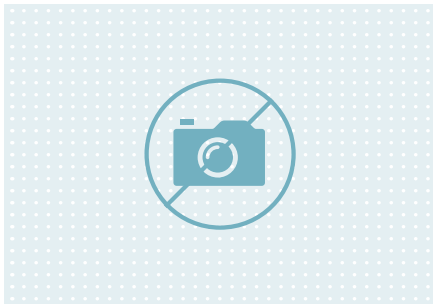
Reference number 504R5

Technical data

Article number	Package contents	Quantity unit
504R5=4X6	4 pieces	Piece

Other

Kits for spinal orthoses

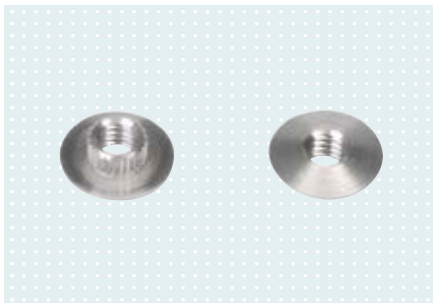


Flat headed screw

Reference number 501S16

Technical data

Article number	Thread	Thread length	Head Ø
501S16=M4X8X10	M4	8 mm	10 mm



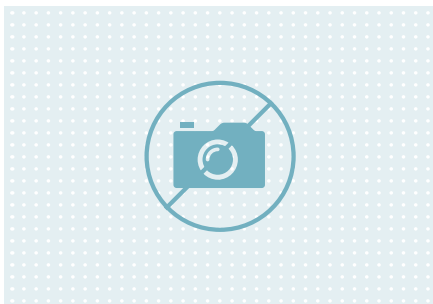
Setting nut/insert nut

Reference number 29C3

Setting nut/inset nut (knurled) made of stainless steel.

Technical data

Article number	Thread	Head Ø	Attachment Ø	Length	Order unit
29C3=M4	M4	10 mm	5 mm	3.6 mm	Piece



Phillips countersunk head screw

Reference number 501T19

Technical data

Article number	Thread	Length	Material
501T19=M4X8	M4	8 mm	Stainless steel
501T19=M4X10	M4	10 mm	Stainless steel





Materials, tools and accessories

In this section, you will find a selection of materials, tools and accessories that are essential for fabricating cutting-edge orthoses. Please note that not all possible tools or materials are listed in this catalogue. For further tools and materials, please refer to our “Materials for orthopaedic technology” (646K1) and “Planning and Equipping” (646K10) catalogues.



Visit www.ottobock.com to obtain up-to-date product information at any time.

Materials, tools and accessories

Alignment aids and measuring technology



3D L.A.S.A.R. Posture

Reference number 743L500

The 3D L.A.S.A.R. Posture supports technicians for an optimum prosthetic and orthotic alignment. Cameras take a live recording of the patient standing on the measuring plate and transmit the image to a tablet PC. The tablet displays the horizontal and vertical forces in the form of lines positioned with millimetre accuracy over the patient's image.

Technical data

Article number	Width	Depth	Height	Working space required	Electrical connection	Weight
743L500	630 mm	280 mm	520 mm	W x D: 1.800 x 1.800 mm	1x 110 - 240 V N/PE / 50-60 Hz	20 kg

Information material

646D1159=EN	743L500 3D L.A.S.A.R. Posture product information
646D1188=EN_HQ	743L500 3D L.A.S.A.R. Posture orthotics tutorial
647G1046	743L500 3D L.A.S.A.R. Posture instructions for use
647G1215	743L500 3D L.A.S.A.R. Posture assembly instructions

Scope of delivery

743Y725	Wall holder for camera stand	1	Piece
---------	------------------------------	---	-------

Static alignment or verification of body posture in:

- Lower limb prosthetics
- Custom lower limb orthotics
- Orthopaedic foot care
- Incorrect posture of pelvis and legs
- Leg length discrepancy
- Physiotherapy
- Rehabilitation
- Cameras take a live recording of the patient standing on the measuring plate and transmit the image to a tablet PC. The tablet displays the measured horizontal and vertical forces in the form of lines positioned with millimetre accuracy over the patient's image. Max. body weight: 150 kg.

Prosthetics

- Lower leg prosthetics
- Upper leg prosthetics
- Hip disarticulation prosthetics

Orthotics

- Orthopaedic insoles and foot care
- Ankle-foot orthoses
- Knee-ankle-foot orthoses
- Hip-knee-ankle-foot orthoses



Orthotic alignment aid

Reference number 743A6

- For the three-dimensional alignment of leg orthoses and positioning of knee and ankle joint points on a plaster negative or plaster positive
- For clamping in a vice

Technical data

Article number	Width	Depth	Height	Weight
743A6	270 mm	380 mm	770 mm	14 kg

Information material

647H416 743A6 orthotic alignment aid instructions for use



Pivot point adjustment aid

Reference number 743A7

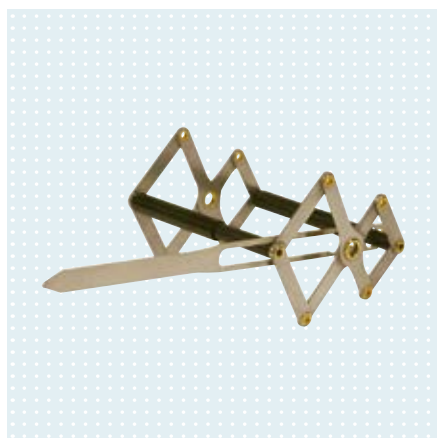
- For determining and establishing the knee and ankle pivot point and reference lines on a plaster positive or negative

Technical data

Article number	Material
743A7	Stainless steel

Information material

647G147 743A7 pivot point adjustment aid instructions for use



Knee pivot gauge

Reference number 743A8

- To determine the compromise pivot point according to Nietert (60:40 graduation)
- Rotation indicator included

Technical data

Article number	Material
743A8	Steel

Information material

647H465 743A8 knee pivot gauge instructions for use

Materials, tools and accessories

Alignment aids and measuring technology



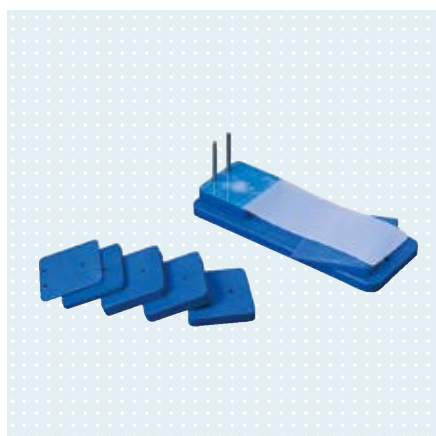
50:50 gauge

Reference number 743A80

- For precisely determining the lateral centre line of a prosthetic socket
- Movable arms for prosthetic sockets of various sizes

Technical data

Article number	Material
743A80	Steel



Foot plaster cast device

Reference number 743A9

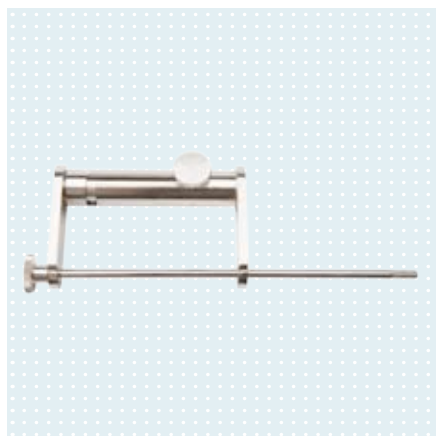
- For preparing a dimensionally accurate plaster negative of the foot with various heel heights and adjustable tip lift in the forefoot area
- Particularly well suited for AFOs, KAFOs and insoles

Technical data

Article number	Material
743A9	Plastic, Stainless steel

Information material

647G146	743A9 foot plaster cast device instructions for use
---------	---



Parallel alignment tool

Reference number 743R3

- For aligning and securing knee joint bars

Technical data

Article number	Material	Weight
743R3	Steel, nickel-plated	0.37 kg



Parallel alignment tool

Reference number 743R5

- For aligning and securing polycentric joint bars

Technical data

Article number	Material	Weight
743R5	Steel, nickel-plated	0.37 kg



Ottobock Body callipers

Reference number 743S1

- Callipers for determining body measurements

Technical data

Article number	for	Measurement range	Weight
743S1=40		400 mm	0.45 kg
743S1=60		600 mm	0.5 kg
743S1=H	743G5 HIP-Cast plaster device	400 mm	0.48 kg
743S1=S	743G1 SIT-Cast plaster device	600 mm	0.53 kg



Goniometer

Reference number 743W2

Technical data

Article number	Side length	Material	Weight
743W2	150 mm	Plastic	0.02 kg

Materials, tools and accessories

Alignment aids and measuring technology



Hip compass

Reference number 743T3

Technical data

Article number	Length	Measurement range	Material	Weight
743T3	340 mm	500 mm	Stainless steel	0.28 kg



Bubble level

Reference number 743Y32

- Bubble level with plastic arm for leg length check

Technical data

Article number	Length	Material	Weight
743Y32	330 mm	Aluminium	0.26 kg



Height marking gauge

Reference number 742A4

- Fine adjustment, carbide scriber, matt chrome-plated graduation and Vernier scale, precision according to DIN 862

Technical data

Article number	Material	Scribing height	Weight
742A4	Tool steel	Up to 300 mm	1.7 kg



Crosshair laser

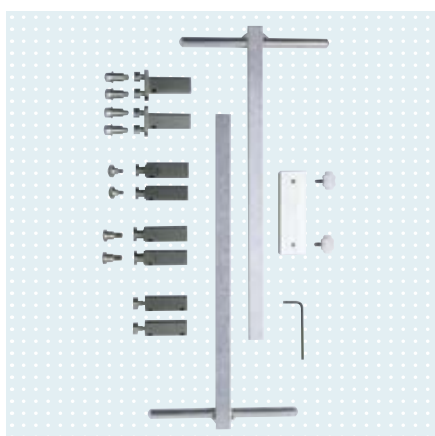
Reference number 743L5

- Automatic self-levelling within seconds
- Exact, fast working without manual alignment
- High-end, bright laser diodes for especially good laser line visibility
- Easy and intuitive operation
- Soft grip for better purchase and comfort
- Stand: 1.1 m
- Applications in orthopaedics: plumb line for plaster casting, prosthetic and orthotic alignment, displaying abduction and adduction positions (angle with respect to the plumb line) and flexion and extension positions, prior/subsequent documentation, displaying the lateral displacement of the spine in the neck area with respect to the intergluteal cleft, checking the level position of the pelvis, visualising body positions and postural problems (e.g. lateral deviation in case of scoliosis; valgus malalignment of legs)

Technical data

Article number	Width	Depth	Height	Weight (with batteries)
743L5	64 mm	125 mm	115 mm	0.46 kg

Version	Operating time 5 h, operating temperature - 5 °C to + 40 °C, storage temperature - 20 °C to + 70 °C
Output power	1 mW
Power supply	3x 1,5V LR06 Mignon (AA)
Wavelength	Laser class 2: 635 nm
Colour of housing	Green
Laser light colour	Red
Levelling speed	Less than 4 Seconds
Automatic levelling range	4°
Connection thread	W1/4"
Projection range of laser light	max. 10 m



Orthotic joint alignment set

Reference number 743R6

- As a tool for the fabrication of lower limb orthoses
- Suitable for the “structural orthosis fabrication” technique according to a drawing and for the lamination resin and deep-drawing techniques according to a plaster model

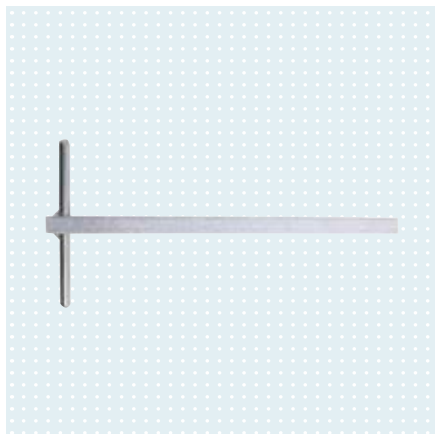
Technical data

Article number	Weight
743R6	1 kg

Materials, tools and accessories

Alignment aids and measuring technology

Components of 743R6



Alignment axis

Reference number 743Y55

Technical data

Article number
743Y55

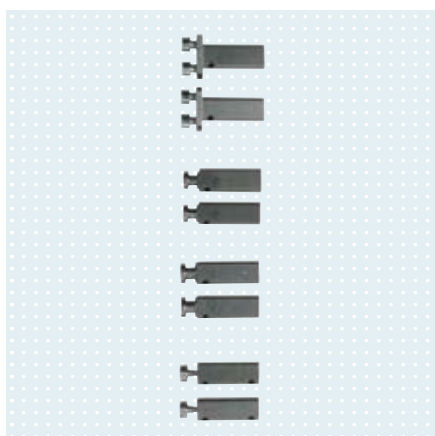


Parallel adapter

Reference number 743Y70

Technical data

Article number	Width
743Y70=50	50 mm
743Y70=80	80 mm



Alignment insert

Reference number 743Y56

Technical data

Article number	Size	Material
743Y56=1	1	Stainless steel
743Y56=2	2	Stainless steel
743Y56=3	3	Stainless steel
743Y56=4	4	Stainless steel



Allen screw with collar

Reference number 743Y72

Technical data

Article number

743Y72



Shoulder screw

Reference number 501A1

Technical data

Article number

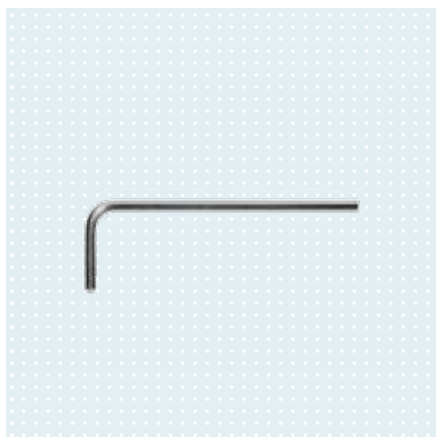
501A1=12X6XM4

501A1=12X8XM6

Thread

M4

M6



Allen wrench 2.5 mm

Reference number 709S10

Technical data

Article number

709S10=2.5

Wrench size

2.5 mm

Materials, tools and accessories

Alignment aids and measuring technology

Accessory for 743R6



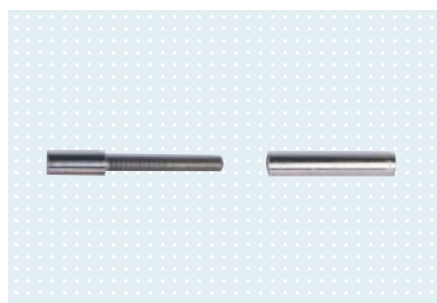
Locating bolt

Reference number 743Y47

The locating bolt is an accessory for the orthotic joint alignment set. It is used for locating the 17B36, 17B48, 17B90, 17B17 and 17B16 system knee joints.

Technical data

Article number	For system width
743Y47=1	16 mm
743Y47=2	20 mm



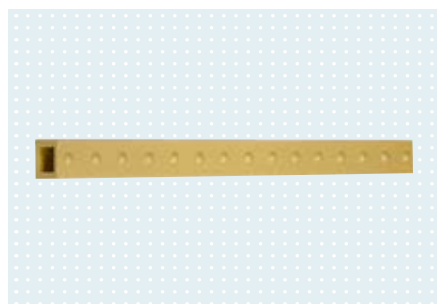
Positioning aid

Reference number 743Y46

The positioning aid helps with aligning the 743Y56=* alignment insert.

Technical data

Article number
743Y46



Adapter sleeve

Reference number 743Y48

The adapter sleeves are slid onto the 743Y55 alignment axis and positioned in the plaster negative. Adapter sleeve made of rigid foam for receiving the 743Y56 adjustment adapters in the plaster positive. The adapter sleeves are slid onto the 743Y55 alignment axis and positioned in the plaster negative.

Technical data

Article number	Length	Package contents
743Y48	290 mm 29 cm	4 piece(s) pieces



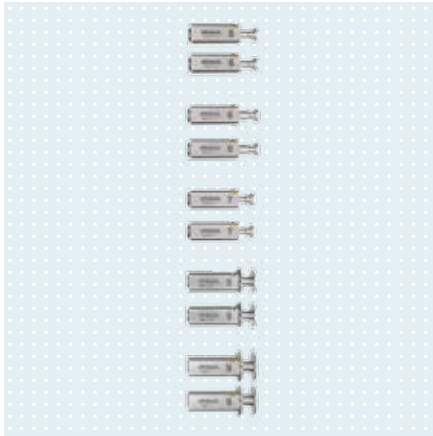
Shoulder screw set

Reference number 743Y49

Shoulder screw set compatible with 743Y56=4 alignment insert

Technical data

Article number	Package contents
743Y49	4 pairs



Alignment insert set

Reference number 743Y57

Technical data

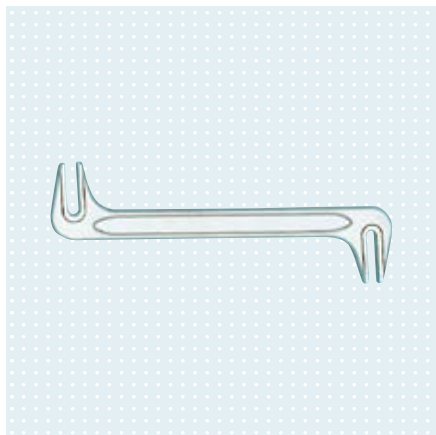
Article number

743Y57

- The 743Y57 is a set consisting of the alignment inserts in sizes 5 through 9.

Materials, tools and accessories

Tools

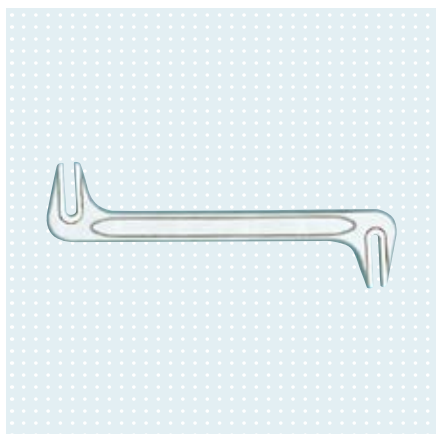


Bending iron

Reference number 711S1

Technical data

Article number	Version	Material	Jaw opening	Length	Weight
711S1=6X4	Straight jaws	CV steel	4 und 6 mm	245 mm	0.35 kg
711S1=8X6	Straight jaws	CV steel	6 und 8 mm	245 mm	0.33 kg
711S1=9X7	Straight jaws	CV steel	7 and 9 mm	245 mm	0.325 kg

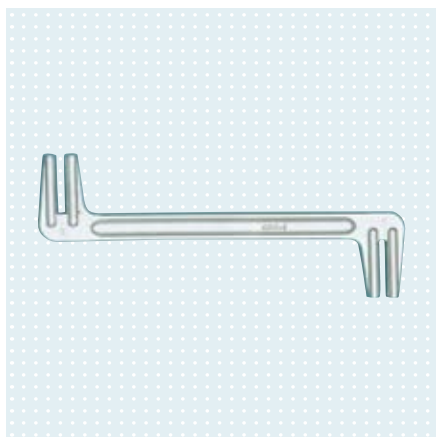


Bending iron

Reference number 711S4

Technical data

Article number	Version	Material	Jaw opening	Length	Weight
711S4=3X3.5	Rounded jaws	CV steel	3 and 3.5 mm	245 mm	0.35 kg
711S4=6X4	Rounded jaws	CV steel	4 and 6 mm	245 mm	0.35 kg
711S4=8X6	Rounded jaws	CV steel	6 and 8 mm	245 mm	0.35 kg



Bending iron

Reference number 711S5

Technical data

Article number	Version	Material	Jaw opening	Length	Weight
711S5	Round jaws	CV steel	4 and 6 mm	310 mm	0.55 kg



Bending iron

Reference number 711S3

- For bending over the upper edge of Ottobock system bars

Technical data

Article number	Version	Material	For bar width	Length	Weight
711S3	Half-round bar profile, moulded jaws	Tool steel, high-alloyed	16 and 20 mm	500 mm	1.42 kg



Bending fixture set

Reference number 711S2

- For mounting in the vice

Technical data

Article number	Material	Package contents	Weight
711S2	Steel	3 pc. pieces	0.245 kg



Hole gauge

Reference number 702B9

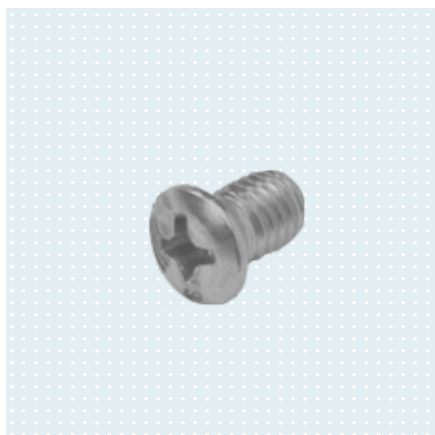
- For perfect-fit bore hole for oval head Philips screws (501T7=7.5X9XM5) for Ottobock system bars

Technical data

Article number	Material	Weight
702B9	Tool steel	0.21 kg

Materials, tools and accessories

Tools



Phillips oval countersunk head screw

Reference number 501T7

Technical data

Article number	Thread	Length	Material	Quantity unit
501T7=7.5X9XM5	M5	9 mm	Stainless steel	Piece
501T7=7.5X11XM5	M5	11 mm	Stainless steel	Piece

- Side bars must be ordered separately, see accessories.
- For system side bars



Phillips screwdriver

Reference number 710H50

Technical data

Article number	Version	for	Size	Blade length
710H50=0	Blade: Round blade, Lasertip point Handle: Kraftform handle, hexagon roll protection	Phillips recess screws	PH 0	60 mm
710H50=1	Blade: Round blade, Lasertip point Handle: Kraftform handle, hexagon roll protection	Phillips recess screws	PH 1	80 mm
710H50=2	Blade: Round blade, Lasertip point Handle: Kraftform handle, hexagon roll protection	Phillips recess screws	PH 2	100 mm



Spanner

Reference number 709Z2

Technical data

Article number	Version	Area of application	Material	Length	Weight	Consumables
709Z2	Hardened tips, adjustment using conical screw	Two-hole nuts	Wooden handle	220 mm	0.16 kg	709Y8 Tip



Tip

Reference number 709Y8

Technical data

Article number	for
709Y8	709Z2 Pin spanner



Spanner

Reference number 709Z4

Technical data

Article number	Version	Length	Weight
709Z4	Forged, adjustable	240 mm	0.205 kg



Deburring knife

Reference number 718S2

Technical data

Article number	Area of application	Version	Product features	Material	Weight	Consumables
718S2	Plastic and metals	Movable and replaceable blade, blade holder extends 100 mm	Plastic magazine handle	Plastic	0.08 kg	718Y2 Replacement blades

Materials, tools and accessories

Tools



Replacement blades

Reference number 718Y2

Technical data

Article number	for	Package contents	Weight
718Y2	718S2 Deburring knife	10 pc. pieces	0.015 kg



HSCO twist drill

Reference number 724S14

Twist drill from HSCO

Technical data

Article number	Diameter
724S14=3.0	3 mm
724S14=3.3	3.3 mm
724S14=4.0	4 mm

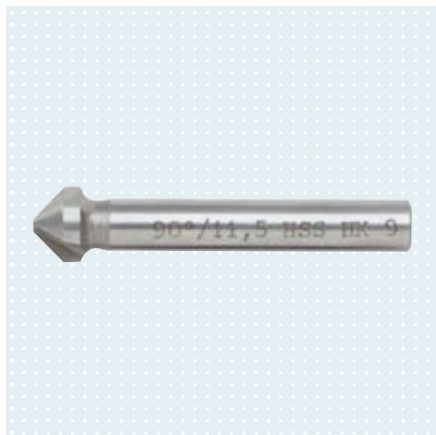


Machine thread tap HSSE

Reference number 731B34

Technical data

Article number	for
731B34=M4	Titanium material
731B34=M5	



Countersink

Reference number 726S9

Technical data

Article number	for
726S9=90X11.5	Titanium material



Silicone sanding cone set

Reference number 749F16

- For polishing and rounding edges of thermoplastic materials

Technical data

Article number	Thread	Weight	Scope of delivery
749F16=5/8	5/8"	0.66 kg	749F16=5/8-1 Silicone sanding cone set 749F16=5/8-2 Silicone sanding cone set 749F16=5/8-3 Silicone sanding cone set 749F16=5/8-4 Silicone sanding cone set
749F16=M16	M16	0.66 kg	749F16=M16-1 Silicone sanding cone set 749F16=M16-2 Silicone sanding cone set 749F16=M16-3 Silicone sanding cone set 749F16=M16-4 Silicone sanding cone set

Materials, tools and accessories

Materials – Adhesives and lubricants



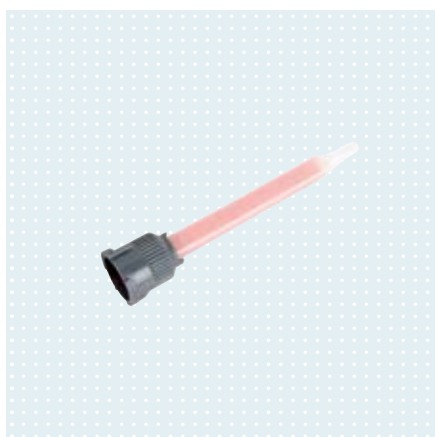
SuperGlue dispensing gun

Reference number 756K31

- For 636K49 SuperGlue (not required for 636K49=0.010 SuperGlue)

Technical data

Article number	Package contents
756K31	1 dispensing gun



SuperGlue refill pack static mixer

Reference number 756Y76

- For 636K49 SuperGlue (not compatible with 636K49=0.010 SuperGlue)

Technical data

Article number	Package contents
756Y76	20 static mixers



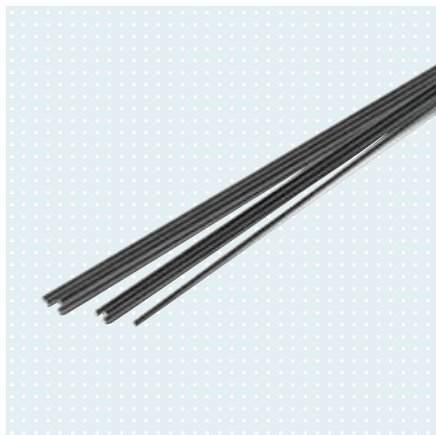
Special lubricant

Reference number 633G6

- For prosthetic joints
- For the following material combinations: metal on plastic, leather on plastic and plastic on plastic
- Excellent temperature stability (from -25 °C to +120 °C)
- High resistance to cold and hot water
- Excellent flexing resistance
- Excellent protection against wear and tear
- Good corrosion protection

Technical data

Article number	Net contents	Packaging
633G6	0.25 kg	Tube



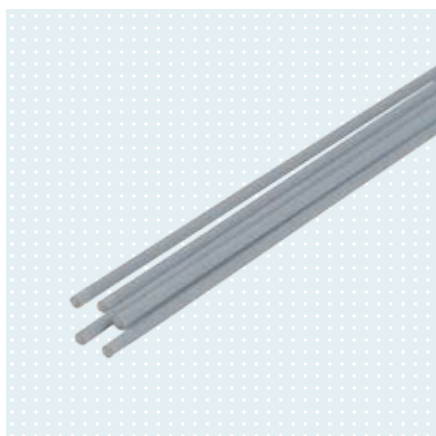
Silver solder

Reference number 637L8

- For soldering stainless steel, e.g. for soldering all Ottobock bars made of stainless steel
- Melting temperature: 595–630 °C
- Excellent flow characteristics
- Soldered joints are durable up to an operating temperature of 200 °C

Technical data

Article number	Diameter	Length
637L8=1.5X500	1.5 mm	500 mm



Welding electrode

Reference number 637E1

- For welding stainless steel, e.g. for welding all Ottobock bars made of stainless steel
- For base materials that are hard to weld, e.g. tool steel
- Good corrosion protection
- Suitable for operating temperatures up to 300 °C

Technical data

Article number	Diameter	Length
637E1=2X300	2 mm	300 mm

Materials, tools and accessories

Materials – Coating materials



Sintering powder

Reference number 618T40

- For coating metal parts in a sintering bath, e.g. orthotic bars
- For a smooth surface
- Ionomer
- Thermoplastic powder
- Melting temperature: 93 °C
- Welding temperature: 105–108 °C
- Good corrosion protection
- Good UV protection

Technical data

Article number	Net contents	Colour
618T40=H	4 kg	Beige
618T40=W	4 kg	White
618T40=S	4 kg	Black



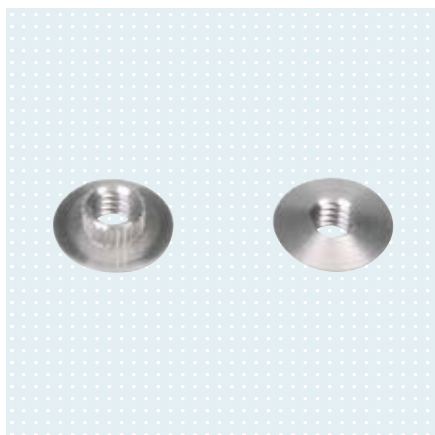
Setting nut

Reference number 29C5

- For thin laminates in orthotics
- Stainless steel
- Flat
- With knurled shoulder
- Secure support

Technical data

Article number	Thread	Head Ø	Length	Shoulder Ø
29C5=M4X7	M4	7 mm	3.6 mm	5,5 mm
29C5=M4X7X2.4	M4	7 mm	2,4 mm	5,5 mm
29C5=M4X9	M4	9 mm	3.6 mm	5,5 mm
29C5=M5X9	M5	9 mm	9 mm	6,5 mm
29C5=M5X18	M5	18 mm	3.6 mm	6,5 mm



Setting nut/insert nut

Reference number 29C3

- Stainless steel
- With knurled shoulder
- Secure support

Technical data

Article number	Thread	Head Ø	Shoulder Ø	Length	Order unit
29C3=M4	M4	10 mm	5 mm	3.6 mm	Piece



Setting nut

Reference number 29C6

- Stainless steel
- With large shoulder

Technical data

Article number	Thread	Head Ø	Shoulder Ø	Length
29C6	M4	20 mm	8 mm	7.5 mm

Materials, tools and accessories

Materials – Setting nuts and screws



Phillips countersunk head screw

Reference number 501T19

- For universal fastening applications
- Stainless steel
- Countersunk screw, flush with material surface after mounting

Technical data

Article number	Thread	Length
501T19=M3X12-1	M3	12 mm
501T19=M4X6	M4	6 mm
501T19=M4X8	M4	8 mm
501T19=M4X10	M4	10 mm
501T19=M4X12	M4	12 mm
501T19=M4X14-1	M4	14 mm
501T19=M4X16-1	M4	16 mm
501T19=M4X20	M4	20 mm
501T19=M5X10	M5	10 mm
501T19=M5X18	M5	18 mm

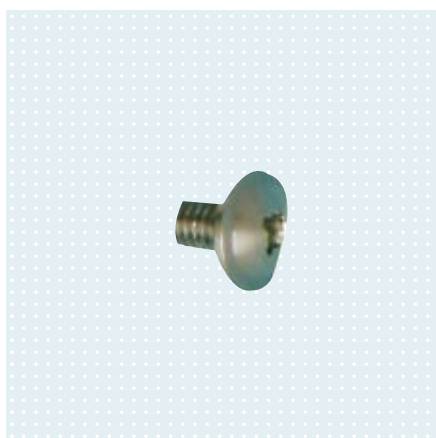


Phillips oval head screw

Reference number 501T20

Technical data

Article number	Thread	Length	Material
501T20=M4X6	M4	6 mm	Niro
501T20=M4X10	M4	10 mm	Niro



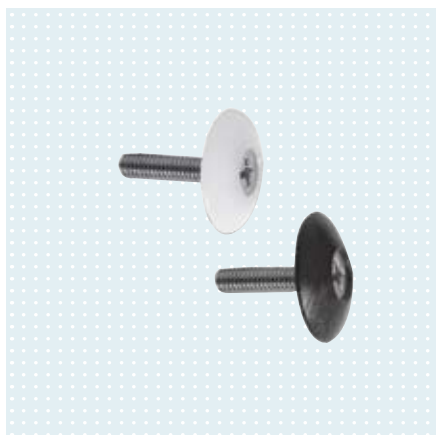
Phillips head screw with collar

Reference number 501Z13

- For the attachment of polycentric knee joint bars with gear drive (17K48 and FreeWalk)

Technical data

Article number	Thread	Length	Material	Quantity unit
501Z13=M4X4.5	M4	4.5 mm	Niro	Piece
501Z13=M4X6	M4	6 mm	Niro	Piece
501Z13=M4X10	M4	10 mm	Niro	Piece



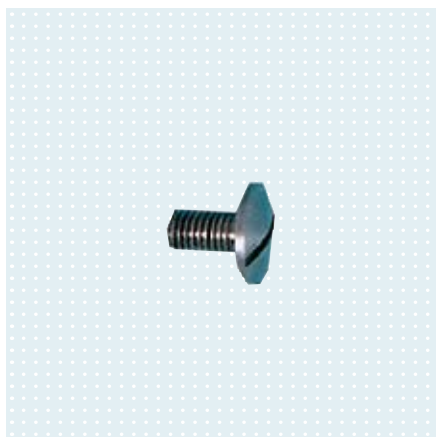
Phillips head screw

Reference number 29Y27

- For belt attachments
- Available with white or black plastic head

Technical data

Article number	Thread	Length	Colour
29Y27=M4X6-6	M4	6 mm	White
29Y27=M4X8-6	M4	8 mm	White
29Y27=M4X10-6	M4	10 mm	White
29Y27=M4X12-6	M4	12 mm	White
29Y27=M4X20-6	M4	20 mm	White
29Y27=M4X6-7	M4	6 mm	Black
29Y27=M4X8-7	M4	8 mm	Black
29Y27=M4X12-7	M4	12 mm	Black
29Y27=M4X20-7	M4	20 mm	Black



Slotted truss head screw

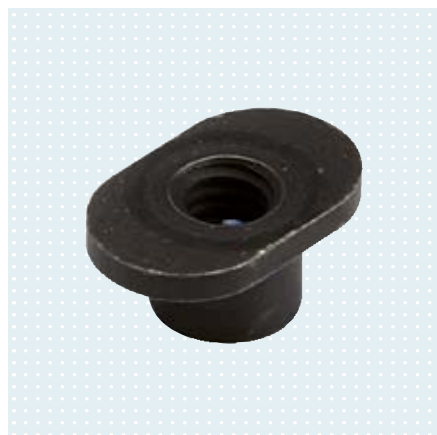
Reference number 501S32

Technical data

Article number	Thread	Head Ø	Length	Material	Quantity unit
501S32=M4X10X7.5	M4	10 mm	7.5 mm	Stainless steel	Piece
501S32=M4X10X9.5	M4	10 mm	9.5 mm	Stainless steel	Piece
501S32=M4X8X11.5	M4	8 mm	11.5 mm	Stainless steel	Piece
501S32=M4X12X8	M4	12 mm	8 mm	Stainless steel	Piece
501S32=M5X10X10	M5	10 mm	10 mm	Stainless steel	Piece
501S32=M5X12X9.5	M5	12 mm	9.5 mm	Stainless steel	Piece
501S32=M5X12X11	M5	12 mm	11 mm	Stainless steel	Piece
501S32=M5X12X13	M5	12 mm	13 mm	Stainless steel	Piece
501S32=M6X14X7.5	M6	14 mm	7.5 mm	Stainless steel	Piece
501S32=M6X14X10	M6	14 mm	10 mm	Stainless steel	Piece
501S32=M6X14X12	M6	14 mm	12 mm	Stainless steel	Piece

Materials, tools and accessories

Materials – Setting nuts and screws



Bearing nut, hardened

Reference number 17Y93

Technical data

Article number	Insertion length	Profile length	Shank length	Thread	Attachment Ø	Quantity unit
17Y93=6X4.75XM4	3.5 mm	12 mm	4.75 mm	M4	6 mm	Piece
17Y93=6X5XM4	4.1 mm	12 mm	5 mm	M4	6 mm	Piece
17Y93=6X5.2XM4	3.95 mm	12 mm	5.2 mm	M4	6 mm	Piece
17Y93=6X6.7XM4	5.45 mm	12 mm	6.7 mm	M4	6 mm	Piece
17Y93=6X7.2XM4	6 mm	12 mm	7.2 mm	M4	6 mm	Piece
17Y93=6X7.7XM4	6.45 mm	12 mm	7.7 mm	M4	6 mm	Piece
17Y93=6X9.15XM4	7.9 mm	12 mm	9.15 mm	M4	6 mm	Piece
17Y93=6.5X4.75XM4	3.5 mm	12 mm	4.75 mm	M4	6.5 mm	Piece
17Y93=6.5X6.7XM4	5.45 mm	12 mm	6.7 mm	M4	6.5 mm	Piece
17Y93=6.5X7.7XM4	6.45 mm	12 mm	7.7 mm	M4	6.5 mm	Piece
17Y93=6.5X9.15XM4	7.9 mm	12 mm	9.15 mm	M4	6.5 mm	Piece
17Y93=7X4.75XM4	3.5 mm	12 mm	4.75 mm	M4	7 mm	Piece
17Y93=7X4.8XM5	3.55 mm	12 mm	4.8 mm	M5	7 mm	Piece
17Y93=7X6.25XM5			6.25 mm	M5	7 mm	Piece
17Y93=7X6.7XM4	5.45 mm	12 mm	6.7 mm	M4	7 mm	Piece
17Y93=7X6.8XM5	5.55 mm	12 mm	6.8 mm	M5	7 mm	Piece
17Y93=7X7XM5	5.5 mm	12 mm	7 mm	M5	7 mm	Piece
17Y93=7X8.4XM5	7.2 mm	12 mm	8.4 mm	M5	7 mm	Piece
17Y93=7X8.85XM5			8.85 mm	M5	7 mm	Piece
17Y93=7.5X6.8XM5	5.55 mm	12 mm	6.8 mm	M5	7.5 mm	Piece
17Y93=7.5X7XM5	5.55 mm	12 mm	7 mm	M5	7.5 mm	Piece
17Y93=7X8.5XM5			8.5 mm	M5	7 mm	Piece
17Y93=8X7.2XM5	6 mm	12 mm	7.2 mm	M5	8 mm	Piece
17Y93=8X8.4XM5	7.2 mm	12 mm	8.4 mm	M5	8 mm	Piece
17Y93=8X8.5XM5	7.4 mm	12 mm	8.5 mm	M5	8 mm	Piece
17Y93=8X9XM5	7.6 mm	12 mm	9 mm	M5	8 mm	Piece
17Y93=9X6.25XM6			6.25 mm	M6	9 mm	Piece
17Y93=9X7.2XM6	6 mm	14 mm	7.2 mm	M6	9 mm	Piece
17Y93=9X9.2XM6	8 mm	14 mm	9.2 mm	M6	9 mm	Piece
17Y93=9.5X7.2XM6	6 mm	14 mm	7.2 mm	M6	9.5 mm	Piece
17Y93=9.5X9.2XM6	8 mm	14 mm	9.2 mm	M6	9.5 mm	Piece
17Y93=9X10.75XM6			10.75 mm	M6	9 mm	Piece
17Y93=9X11.75XM6			11.75 mm	M6	9 mm	Piece
17Y93=10X7.2XM6	6 mm	14 mm	7.2 mm	M6	10 mm	Piece
17Y93=M5X7X6.4			6.4 mm	M5	7 mm	Piece
17Y93=M5X7X7.5			7.5 mm	M5	7 mm	Piece
17Y93=M5X7X8.3			8.3 mm	M5	7 mm	Piece
17Y93=M6X8.5X7.8			7.8 mm	M6	8.5 mm	Piece
17Y93=M6X8.5X9			9 mm	M6	8.5 mm	Piece



Information material

646D1471=EN_INT

21Y75N PU hook-and-loop closure product brief

PU hook-and-loop closure

Reference number 21Y75N

- Closure technology for orthopaedic technology
- Especially for closure types with higher loads, e.g. walking orthoses
- Polyamide with PU coating
- Heavy-duty hook-and-loop
- With strap guide loop and bracket
- Can be refastened many times
- User-friendly thanks to the absence of hooks at the beginning of the closure
- Very high hook-and-loop strength
- Individually adaptable length
- Abrasion-proof, smooth surface
- Easy to clean thanks to PU coating
- Not bulky
- Washable with a damp cloth
- Attractive design

Technical data

Article number	Length	Width	Colour
21Y75N=280X16-7	280 mm	16 mm	Black
21Y75N=280X25-7	280 mm	25 mm	Black
21Y75N=400X40-7	400 mm	40 mm	Black
21Y75N=680X50-7	680 mm	50 mm	Black



Hook-and-loop closure with weld seams

Reference number 21Y78

- For fast, detachable connections
- With strap guide loop
- Hook-and-loop strap
- 100% polyamide
- Individually adaptable length due to welding seam
- Can be refastened many times
- High hook-and-loop strength
- Very good inherent stiffness
- Flexible
- Skin-friendly thanks to velour



Technical data

Article number	Length	Width	Colour
21Y78=420-40-7	420 mm	40 mm	Black
21Y78=420-50-7	420 mm	50 mm	Black
21Y78=650-40-7	650 mm	40 mm	Black
21Y78=650-50-7	650 mm	50 mm	Black

Materials, tools and accessories

Materials – Closure technology



Hook-and-loop closure

Reference number 21Y78

- For fast, detachable connections
- With strap guide loop and bracket
- 100% polyamide
- Can be refastened many times
- Flexible
- High level of wearer comfort



Technical data

Article number	Length	Width	Colour
21Y78=25-0	420 mm	25 mm	Beige
21Y78=30-0	420 mm	30 mm	Beige
21Y78=38-0	420 mm	38 mm	Beige
21Y78=50-0	420 mm	50 mm	Beige
21Y78=25-2	350 mm	25 mm	Red
21Y78=30-2	350 mm	30 mm	Red
21Y78=38-2	350 mm	38 mm	Red
21Y78=50-2	350 mm	50 mm	Red
21Y78=25-4	350 mm	25 mm	Yellow
21Y78=30-4	350 mm	30 mm	Yellow
21Y78=38-4	350 mm	38 mm	Yellow
21Y78=50-4	350 mm	50 mm	Yellow
21Y78=25-5	350 mm	25 mm	Blue
21Y78=30-5	350 mm	30 mm	Blue
21Y78=38-5	350 mm	38 mm	Blue
21Y78=50-5	350 mm	50 mm	Blue
21Y78=25-6	350 mm	25 mm	White
21Y78=30-6	350 mm	30 mm	White
21Y78=38-6	350 mm	38 mm	White
21Y78=50-6	350 mm	50 mm	White
21Y78=25-7	350 mm	25 mm	Black
21Y78=30-7	350 mm	30 mm	Black
21Y78=38-7	350 mm	38 mm	Black
21Y78=50-7	350 mm	50 mm	Black



Practical recommendation 21Y78

Close before washing to protect the closure and/or other items in the wash.



Hook-and-loop closure

Reference number 623Z3

- For 28U9 lower leg orthoses
- For fast, detachable connections
- With strap guide loop and bracket
- 100% polyamide
- Can be refastened many times
- Flexible
- High level of wearer comfort



Technical data

Article number	Length	Width	Colour
623Z3=38X270	270 mm	38 mm	Beige
623Z3=38X310	310 mm	38 mm	Beige



Practical recommendation 623Z3

Close before washing to protect the closure and/or other items in the wash.





Hook-and-loop closure

Reference number 21Y122

- For fast, detachable connections
- 21Y122=38-7: with reinforced strap guide loop
- 21Y122=50-7: both sides with hook strip and two strap guide loops
- 100% polyamide
- Can be refastened many times
- Flexible
- High level of wearer comfort



Technical data

Article image	Article number	Width	Colour
	21Y122=38-7	38 mm	Black
	21Y122=50-7	50 mm	Black



Practical recommendation 21Y122

Close before washing to protect the closure and/or other items in the wash.

Materials, tools and accessories

Materials – Closure technology



Strap guide loop

Reference number 514U2

- Plastic
- Prevents the loops from twisting

Technical data

Article number	Clear width	Colour
514U2=20	20 mm	White
514U2=25	25 mm	White
514U2=30	30 mm	White
514U2=38	38 mm	White
514U2=50	50 mm	White
514U2=38-7	38 mm	Black
514U2=50-7	50 mm	Black



Roll loop

Reference number 21Y92

- With plastic roller and plastic attachment plate
- Prevents the loops from twisting

Technical data

Article number	Clear width	Colour
21Y92=35	35 mm	White
21Y92=50	50 mm	White
21Y92=35-7	39 mm	Black
21Y92=50-7	50 mm	Black



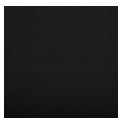
Micro hook-and-loop, self-adhesive

Reference number 623Z*

- Recommended especially in combination with 623P3 terry cloth padding fabric and with 623F* ComforTex
- Individually adaptable length
- Self-adhesive
- Very high hook-and-loop strength
- No additional bulk when fastening textile padding fabrics
- Facilitates very flexible connections



Technical data

Article image	Article number	Width	Colour	Minimum order quantity
	623Z4=50-6	50 mm	White	10 m
	623Z200=100-7	100 mm	Black	10 m

• Please indicate the required length in metres when ordering.



TR ring orthosis closure

Reference number 29S12

Technical data

Article number

29S12=1

29S12=2

Materials, tools and accessories

Materials – Closure technology



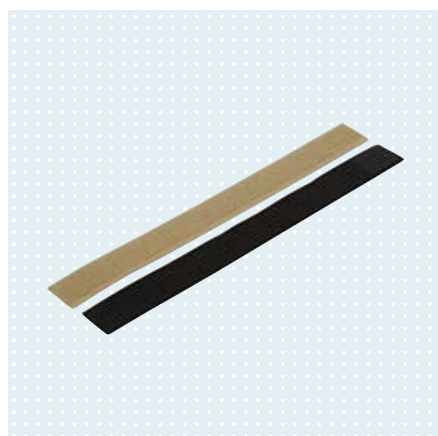
Shrinkable tubing

Reference number 616Z9

- For covering devices, e.g. orthotic joints or orthotic bars
- Plastic hose with rounded edges
- Good insulation protection
- Good corrosion protection
- Good resistance to liquids

Technical data

Article number	Diameter	Length	Colour
616Z9=19X61	19 mm	50 m	Black
616Z9=25.4X30	25.4 mm	50 m	Black



Hook-and-loop strap

Reference number 170Z4

- Ideal for FreeWalk orthosis
- For fast, detachable connections
- 100% polyamide
- Can be refastened many times
- Flexible
- High level of wearer comfort



Technical data

Article number	Spare part for	Length	Width	Colour	Order unit
170Z4=400-0	170K1=L-80-0 170K1=R-120-0 170K1=R-80-0 170K1=L-120-0	400 mm	40 mm	Skin colour	Piece
170Z4=600-0	170K1=L-80-0 170K1=R-120-0 170K1=R-80-0 170K1=L-120-0	600 mm	40 mm	Skin colour	Piece
170Z4=400-7	170K1=L-120-7 170K1=L-80-7 170K1=R-120-7 170K1=R-80-7	400 mm	40 mm	Black	Piece
170Z4=600-7	170K1=L-120-7 170K1=L-80-7 170K1=R-120-7 170K1=R-80-7	600 mm	40 mm	Black	Piece



Practical recommendation 170Z4

Close before washing to protect the closure and/or other items in the wash.



Y-hook-and-loop with PU coating

Reference number 170D29

- For adapting straps, e.g. directly on the patient
- Particularly suitable for 623Z96 loop-velour strap
- For closure types with higher loads, e.g. walking orthoses
- For fast, detachable connections
- Polyester with PU coating
- Micro hook-and-loop/micro hook-and-loop (single side: heavy hook-and-loop)
- Various widths available
- Low bulk due to use of micro hook-and-loop only
- User-friendly design with “Open” embossing
- Easy to clean thanks to PU coating
- Washable with a damp cloth
- Can be refastened many times
- Flexible
- High level of wearer comfort

Technical data

Article number	Width	Colour
170D29=30-0	30 mm	Beige
170D29=38-0	38 mm	Beige
170D29=50-0	50 mm	Beige
170D29=30-7	30 mm	Black
170D29=38-7	38 mm	Black
170D29=50-7	50 mm	Black



Practical recommendation 170D29

We recommend using micro hook-and-loop on velour and hook on loop.



Pad button

Reference number 170D17

- For use with the 170D20 strap guide loop for pad button

Technical data

Article number	Thread	Length	Order unit
170D17	M5	2 mm	Piece

Materials, tools and accessories

Materials – Closure technology



Pad button

Reference number 170D69

- For use with the 170D20 strap guide loop for pad button

Technical data

Article number	Spare part for	Thread	Quantity unit
170D69	170K1=L-120-7 170K1=L-80-0 170K1=L-80-7 170K1=R-120-0 170K1=R-120-7 170K1=R-80-0 170K1=R-80-7 170K1=L-120-0	4	Piece



Strap guide loop for pad button

Reference number 170D20

- For use with the 170D17 pad button
- Prevents the loops from twisting

Technical data

Article number	Spare part for	Colour	Order unit
170D20=0	170K1=L-80-0 170K1=R-120-0 170K1=R-80-0 170K1=L-120-0	Beige	Piece
170D20=7	170K1=L-120-7 170K1=L-80-7 170K1=R-120-7 170K1=R-80-7	Black	Piece



Tensioning clip

Reference number 21B43

- Finely adjustable closure
- Easy to use
- Easy to release

Technical data

Article number	Length	Weight	Colour
21B43=W	5.6 cm	15 g	White

- Please order 21B44 or 21B44=W strap along with the tensioning clip.



Strap, treated

Reference number 21B44

- For 21B43 tensioning clip
- High durability

Technical data

Article number	Length	Width	Colour	Order unit
21B44	15.6 cm	1.5 cm	Black	Piece
21B44=W	15.6 cm	1.5 cm	White	Piece



Strap

Reference number 21B42

- For 21B43 tensioning clip
- High durability

Technical data

Article number	Length	Width	Colour	Order unit
21B42	17.5 cm	1.5 cm	Black	Piece
21B42=W	17.5 cm	1.5 cm	White	Piece

Materials, tools and accessories

Materials – Closure technology



SafeLock buckle

Reference number 514Z8

- Magnetic closure that engages mechanically for use in orthosis fabrication
- Suitable for hand, shoulder, torso, knee and ankle orthoses depending on the size
- Plastic
- Self-actuating, secure closing via magnetic pull
- Easy, intuitive opening with one hand by pushing sideways
- Different sizes for strap widths of 20, 30 and 40 mm
- Robust and durable
- High load capacity (max. 55 kg)

Technical data

Article number	Table helper variable	Length	Width	Clear width	Height	Colour	Order unit
514Z8=20-7	28U11 Walk On	46 mm	22 mm	20 mm	12 mm	Black	Piece
	28U22 WalkOn Flex						
	28U23 WalkOn Trimable						
	28U24 WalkOn Reaction						
	28U25 WalkOn Reaction Plus						
514Z8=30-7	28U11 Walk On	62 mm	42 mm	30 mm	10 mm	Black	Piece
	28U22 WalkOn Flex						
	28U23 WalkOn Trimable						
	28U24 WalkOn Reaction						
	28U25 WalkOn Reaction Plus						
514Z8=40-7	28U11 Walk On	74 mm	48.8 mm	40 mm	10 mm	Black	Piece
	28U22 WalkOn Flex						
	28U23 WalkOn Trimable						
	28U24 WalkOn Reaction						
	28U25 WalkOn Reaction Plus						

Product example





SafeLock slider

Reference number 514Z9

- Magnetic closure that engages mechanically for use in orthosis fabrication
- Suitable for torso, knee and ankle orthoses
- Plastic
- Self-actuating, secure closing via magnetic pull
- Easy, intuitive opening with one hand by pushing sideways
- Robust and durable
- High load capacity (max. 40 kg)

Technical data

Article number	Length	Width	Clear width	Height	Colour	Order unit
514Z9=40-7	58 mm	47 mm	40 mm	15 mm	Black	Piece

Product example



QuickFit strap

Reference number 514Z20

- Closure and adjustment mechanism for orthoses
- Individual adaptation of the compression and support provided by the orthosis
- Length can be individually shortened
- Minute adjustments can be made on the go
- Easy, one-handed operation by turning the BOA® reel
- Quick opening and closing
- Robust and durable
- Lightweight material
- Can be combined with 514Z21 QuickFit buckle

Technical data

Article number	Length	Width	Colour
514Z20=25-7	Approx. 73–63 cm	Approx. 25 mm	Black
514Z20=38-7	Approx. 73–63 cm	Approx. 38 mm	Black
514Z20=50-7	Approx. 73–63 cm	Approx. 50 mm	Black

Information material

646D1441=EN_INT 514Z20/514Z21 QuickFit strap/
QuickFit buckle produkt brief

Product example



Materials, tools and accessories

Materials – Closure technology



QuickFit buckle

Reference number 514Z21

- Closure mechanism for orthoses
- The magnetic component ensures that the mechanism can be aligned and locked effortlessly
- Can be opened easily and intuitively with one hand
- Robust and durable
- Lightweight material
- Can be combined with 514Z20 QuickFit strap

Technical data

Article number	Length	Width	Colour
514Z21=25-7	Approx. 18 cm	Approx. 25 mm	Black
514Z21=38-7	Approx. 18 cm	Approx. 38 mm	Black
514Z21=50-7	Approx. 18 cm	Approx. 50 mm	Black

Information material

646D1441=EN_INT

514Z20/514Z21 QuickFit strap/QuickFit buckle produkt brief

Product example





Forearm crutches

Reference number 22K*

- Forearm crutch
- For safety when walking
- With plastic grip
- Cushioned with a rubber capsule, ensures good grip when walking
- Light metal
- Height-adjustable in 25 mm increments from 780 to 980 mm (floor to grip)
- Secure and comfortable grip
- Weight: 1.140 kg/pair
- Maximum load capacity: 140 kg/each

Technical data

Article number	Fits capsules	Colour
22K2	23K2=16 23K6=16	Silver anodized
22K4	23K11	Blue

Materials, tools and accessories

Materials – Pad






Terry cloth padding

Reference number 623P3

- For padding applications in orthotics
- Upper material: terry cloth, underside: loop material
- Compatible with hook-and-loop
- Good padding characteristics
- Comfortable to wear
- Individual shaping possible
- Washable

Technical data

Article image	Article number	Length	Width	Thickness	Colour
	623P3=1	1 m	1460 mm	4 mm	Blue
	623P3=2	2 m	1460 mm	4 mm	Blue
	623P3=5	5 m	1460 mm	4 mm	Blue
	623P3=10	10 m	1460 mm	4 mm	Blue
	623P3=S1	1 m	1460 mm	4 mm	Black
	623P3=S2	2 m	1460 mm	4 mm	Black
	623P3=S5	5 m	1460 mm	4 mm	Black
	623P3=S10	10 m	1460 mm	4 mm	Black
	623P3=H1	1 m	1460 mm	4 mm	Beige
	623P3=H2	2 m	1460 mm	4 mm	Beige
	623P3=H5	5 m	1460 mm	4 mm	Beige
	623P3=H10	10 m	1460 mm	4 mm	Beige

Information material

646F295=EN_INT

Padding materials poster



Practical recommendation 623P3

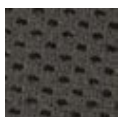
Can be combined with 623Z4 and 623Z200 micro hook-and-loop. Apply 636W71 CP contact adhesive to the micro hook-and-loop and fasten it to the surface to be padded.



ComforTex air

Reference number 623F62

- For padding applications in orthotics
- 100% polyamide, first side
- 100% polyester, second side
- Compatible with hook-and-loop, first side
- High resilience
- Good padding characteristics
- High level of wearer comfort
- Air permeable
- Individual shaping possible



Information material

646F295=EN_INT Padding materials poster
646D854=EN ComforTex touch and feel booklet

Product example



Technical data

Article number	Length	Width	Thickness	Colour
623F62=1-7	1 m	1400 mm	3 mm	Black
623F62=2-7	2 m	1400 mm	3 mm	Black
623F62=5-7	5 m	1400 mm	3 mm	Black

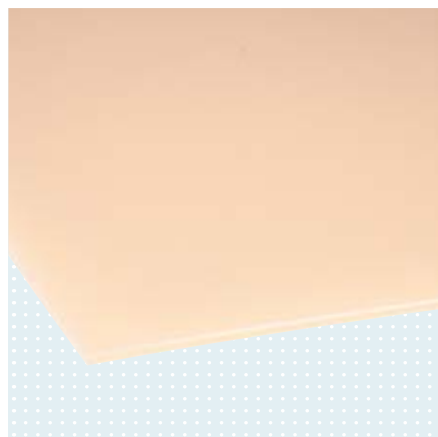


Practical recommendation 623F62

Can be combined with 623Z4 and 623Z200 micro hook-and-loop. Apply 636W71 CP contact adhesive to the micro hook-and-loop and fasten it to the surface to be padded.

Materials, tools and accessories

Thermoplastics



Information material

646F265=EN_INT

Thermoplastics poster

ThermoLyn Pedilon

Reference number 616T73

- Low-temperature polyester
- For the fabrication of orthoses without preparing a plaster cast or model
- Mobile applications, making it ideal for hospital use and immediate treatment of patients
- Thermoformable at low temperatures
- Eliminates the time-consuming tasks of fabricating casts and models
- Very high adhesive strength
- High resilience when reheated
- Temperature recommendation: heat in water bath at 60 °C

Technical data

Article image	Article number	Perforation	Length	Width	Thickness
	616T73=FP60X43X1.6	fine (FP)	60 cm	43 cm	1.6 mm
	616T73=FP60X43X2	fine (FP)	60 cm	43 cm	2 mm
	616T73=MP60X43X2	medium (MP)	60 cm	43 cm	2 mm
	616T73=MP60X45X2.5	medium (MP)	60 cm	45 cm	2.5 mm
	616T73=MP60X45X3.2	medium (MP)	60 cm	45 cm	3.2 mm
	616T73=GP60X43X2	rough (GP)	60 cm	43 cm	2 mm
	616T73=GP60X45X3.2	rough (GP)	60 cm	45 cm	3.2 mm
	616T73=GP90X60X4	rough (GP)	90 cm	60 cm	4 mm
	616T73=NP60X43X2	no (NP)	60 cm	43 cm	2 mm
	616T73=NP90X60X3.2	no (NP)	90 cm	60 cm	3.2 mm
	616T73=NP90X60X4	no (NP)	90 cm	60 cm	4 mm

Processing and usage examples for 616T73



Place the pre-cut ThermoLyn Pedilon into warm water at approx. 60 °C in the 759P1=220 water pan. The material becomes transparent when it reaches its moulding temperature. Remove the pre-cut material with a wood spatula and allow the water to drip off.



Moisten hand and forearm thoroughly with cold water. Place the warm ThermoLyn Pedilon over the hand and forearm.



Final product: hand positioning orthosis



ThermoLyn trolene

Reference number 616T3

- Flexible polyethylene
- Used as a forming and parting material
- For orthotic components that require little stiffness but high flexibility
- For fabricating flaps in socket technology
- Individually cut to size, it can be used as a device for filling work
- Reusable and easy to clean due to its smooth surface
- Opaque
- Good transparency
- Low molecular weight
- Good thermoplastic formability
- High flexibility
- Temperature recommendation: processing temperature 125 °C (convection oven, infrared oven)

Information material

646F265=EN_INT

Thermoplastics poster

Technical data

Article number	Length	Width	Thickness	Colour
616T3=1	1000 mm	500 mm	1 mm	Natural colour
616T3=2	1000 mm	500 mm	2 mm	Natural colour
616T3=2000X1000X2	2000 mm	1000 mm	2 mm	Natural colour
616T3=2000X1000X3	2000 mm	1000 mm	3 mm	Natural colour
616T3=40X32X2	40 mm	32 mm	2 mm	Natural colour



Practical recommendation 616T3

Can also be used as a dummy material, e.g. with lamination technique.

Materials, tools and accessories

Thermoplastics



ThermoLyn PP-C

Reference number 616T120

- Polypropylene copolymer
- Possible applications: AFOs, KAFOs, FOs, TLSOs
- Wide range of applications
- Lightweight
- Good rigidity
- High impact strength
- Low tendency to white crack
- Good thermoforming properties
- Good shaping to orthotic joints
- Good welding characteristics
- Minor shrinkage: approx. 5%
- Easy to dye with Ottobock thermopapers
- Temperature recommendation: 185 °C (convection oven, infrared oven)

Information material

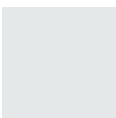

646F265=EN_INT

Thermoplastics poster

Product example



Technical data

Article image	Article number	Length	Width	Thickness	Colour
	616T120=2	2000 mm	1000 mm	2 mm	Natural colour
	616T120=3	2000 mm	1000 mm	3 mm	Natural colour
	616T120=4	2000 mm	1000 mm	4 mm	Natural colour
	616T120=5	2000 mm	1000 mm	5 mm	Natural colour
	616T120=6	2000 mm	1000 mm	6 mm	Natural colour
		616T120=3-8	2000 mm	1000 mm	3 mm
616T120=5-8		2000 mm	1000 mm	5 mm	Brown



ThermoLyn PP-H

Reference number 616T*

- Polypropylene homopolymer
- For shape-retaining orthotic components, e.g. paralysis orthoses, dynamic AFOs and Ankle Seven
- Sheet size of 400 x 400 mm is ideal for the fabrication of prosthetic sockets
- High rigidity
- High strength
- High thermoplastic dimensional stability
- Reduced impact strength
- Minor shrinkage: approx. 7%
- Easy to dye with Ottobock thermopapers
- Temperature recommendation: 185 °C (convection oven, infrared oven)

Information material

646F265=EN_INT

Thermoplastics poster

Technical data

Article image	Article number	Length	Width	Thickness	Colour	
	616T20=400X400X10	400 mm	400 mm	10 mm	Natural colour	
	616T20=400X400X12	400 mm	400 mm	12 mm	Natural colour	
	616T20=400X400X15	400 mm	400 mm	15 mm	Natural colour	
	616T20=2000X2	2000 mm	1000 mm	2 mm	Natural colour	
	616T20=2000X3	2000 mm	1000 mm	3 mm	Natural colour	
	616T20=2000X4	2000 mm	1000 mm	4 mm	Natural colour	
	616T20=2000X5	2000 mm	1000 mm	5 mm	Natural colour	
	616T20=2000X6	2000 mm	1000 mm	6 mm	Natural colour	
	616T20=2000X8	2000 mm	1000 mm	8 mm	Natural colour	
	616T20=2000X10	2000 mm	1000 mm	10 mm	Natural colour	
	616T20=2000X12	2000 mm	1000 mm	12 mm	Natural colour	
	616T20=2000X15	2000 mm	1000 mm	15 mm	Natural colour	
		616T56=3	2000 mm	1000 mm	3 mm	Brown
		616T56=4	2000 mm	1000 mm	4 mm	Brown
		616T56=5	2000 mm	1000 mm	5 mm	Brown
616T56=6		2000 mm	1000 mm	6 mm	Brown	



Practical recommendation 616T*

The low impact value means great care must be taken during machining in order to avoid brittle fractures (stress concentration).

Materials, tools and accessories

Thermoplastics



ThermoLyn PE 200

Reference number 616T*

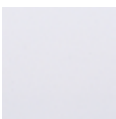


- Polyethylene 200
- For fabricating orthoses, e.g. TLSOs
- Low molecular weight
- Good welding characteristics
- Good sanding characteristics
- Can be combined with, for example, 617S7/617S8 Plastazote®
- Minor shrinkage: approx. 8%
- Easy to dye with Ottobock thermopapers
- Temperature recommendation: 165 °C (convection oven, infrared oven)

Technical data

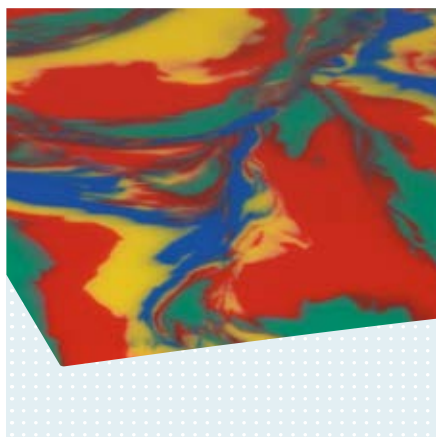
Information material

646F265=EN_INT

Thermoplastics poster

Article image	Article number	Length	Width	Thickness	Colour
	616T95=2	2000 mm	1000 mm	2 mm	Natural colour
	616T95=3	2000 mm	1000 mm	3 mm	Natural colour
	616T95=4	2000 mm	1000 mm	4 mm	Natural colour
	616T95=5	2000 mm	1000 mm	5 mm	Natural colour
	616T95=6	2000 mm	1000 mm	6 mm	Natural colour
	616T95=8	2000 mm	1000 mm	8 mm	Natural colour
	616T95=10	2000 mm	1000 mm	10 mm	Natural colour
	616T95=12	2000 mm	1000 mm	12 mm	Natural colour
	616T19=3-0	2000 mm	1000 mm	3 mm	Beige
	616T19=4-0	2000 mm	1000 mm	4 mm	Beige
	616T19=5-0	2000 mm	1000 mm	5 mm	Beige
	616T58=3	2000 mm	1000 mm	3 mm	Blue
	616T58=4	2000 mm	1000 mm	4 mm	Blue
	616T58=5	2000 mm	1000 mm	5 mm	Blue
	616T58=6	2000 mm	1000 mm	6 mm	Blue

Plastazote® is a registered trademark of Zotefoams.



ThermoLyn RCH 500

Reference number 616T*

- Polyethylene
- For fabricating orthoses, e.g. KAFOs, and for seating shells
- Homogenous thermoplastic material
- Medium molecular weight
- High rigidity
- Good heating behaviour
- Good antifriction properties
- Minor shrinkage: approx. 2%
- Temperature recommendation: 185 °C (convection oven, infrared oven)

Technical data

Information material

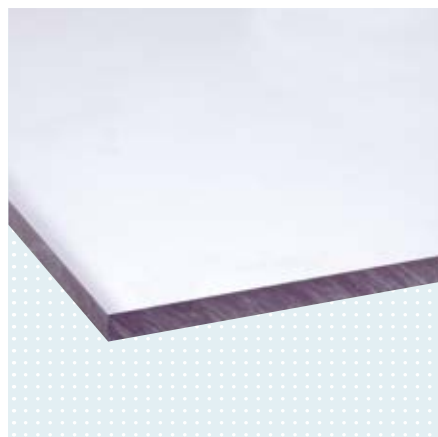
646F265=EN_INT

Thermoplastics poster

Article image	Article number	Length	Width	Thickness	Colour
	616T22=950X3N	950 mm	910 mm	3 mm	Natural colour
	616T22=950X4N	950 mm	910 mm	4 mm	Natural colour
	616T22=950X5N	950 mm	910 mm	5 mm	Natural colour
	616T22=950X6N	950 mm	910 mm	6 mm	Natural colour
	616T22=1910X2N	1910 mm	910 mm	2 mm	Natural colour
	616T22=1910X3N	1910 mm	910 mm	3 mm	Natural colour
	616T22=1910X4N	1910 mm	910 mm	4 mm	Natural colour
	616T22=1910X5N	1910 mm	910 mm	5 mm	Natural colour
	616T22=1910X6N	1910 mm	910 mm	6 mm	Natural colour
	616T22=1910X8N	1910 mm	910 mm	8 mm	Natural colour
	616T22=950X2H	950 mm	910 mm	2 mm	Beige
	616T22=950X3H	950 mm	910 mm	3 mm	Beige
	616T22=950X4H	950 mm	910 mm	4 mm	Beige
	616T22=950X5H	950 mm	910 mm	5 mm	Beige
	616T22=1910X2H	1910 mm	910 mm	2 mm	Beige
	616T22=1910X3H	1910 mm	910 mm	3 mm	Beige
	616T22=1910X4H	1910 mm	910 mm	4 mm	Beige
	616T22=1910X5H	1910 mm	910 mm	5 mm	Beige
	616T22=1910X3G	1910 mm	910 mm	3 mm	Graffiti
	616T22=1910X4G	1910 mm	910 mm	4 mm	Graffiti
	616T22=1910X5G	1910 mm	910 mm	5 mm	Graffiti
	616T44=950X3	950 mm	910 mm	3 mm	Blue
	616T44=950X4	950 mm	910 mm	4 mm	Blue
	616T44=950X5	950 mm	910 mm	5 mm	Blue
	616T44=1910X2	1910 mm	910 mm	2 mm	Blue
	616T44=1910X3	1910 mm	910 mm	3 mm	Blue
	616T44=1910X4	1910 mm	910 mm	4 mm	Blue

Materials, tools and accessories

Thermoplastics



ThermoLyn clear

Reference number 616T83

- Copolyester
- For fabricating scar compression masks, trial orthoses and self-supporting check sockets (limited wearing time)
- Also in antibacterial (616T283)
- Transparency of the check socket facilitates precise verification of the fit and skin discolouration on the residual limb
- Good fracture resistance
- Very high impact strength
- High dimensional stability
- Can be over-laminated to secure adapters
- Minor shrinkage: approx. 1%
- Temperature recommendation: 165 °C (convection oven, infrared oven)

Information material

646F265=EN_INT	Thermoplastics poster
646D119=GB	Antibacterial SKINGUARD materials product information
646D695=EN_INT	SKINGUARD technology patient information

Technical data

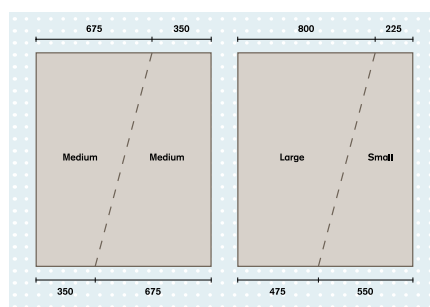
Article number	For the fabrication of	Length	Width	Thickness	Colour
616T83=8	Trial orthoses	400 mm	400 mm	8 mm	Clear
616T83=10	Self-supporting check sockets (for temporary use)	400 mm	400 mm	10 mm	Clear
616T83=12	Self-supporting check sockets (for temporary use)	400 mm	400 mm	12 mm	Clear
616T83=15	Self-supporting check sockets (for temporary use)	400 mm	400 mm	15 mm	Clear
616T83=20	Self-supporting check sockets (for temporary use)	400 mm	400 mm	20 mm	Clear
616T83=1250X1025X3	Scar compression masks	1250 mm	1025 mm	3 mm	Clear
616T83=1250X1025X4	Scar compression masks	1250 mm	1025 mm	4 mm	Clear
616T83=1250X1025X6	Trial orthoses	1250 mm	1025 mm	6 mm	Clear



Practical recommendation 616T83

- Store in a dry place protected from moisture. Pre-dry at 55 °C in a convection oven prior to processing if necessary.
- We recommend hot air for working edges.

Processing and usage examples for 616T83

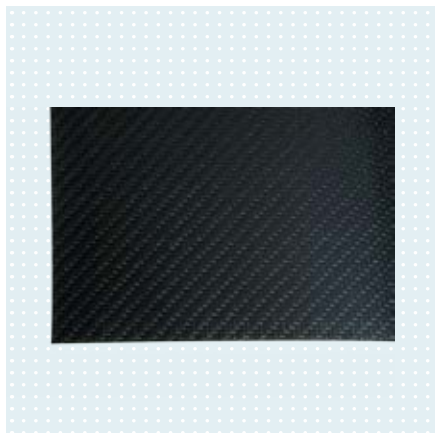


Cutting suggestion

Cutting suggestion for 616T83 ThermoLyn clear, 6 mm (1250 x 1025 mm sheet) for a low amount of waste with trial orthoses (KAFOs)

TP.C woven carbon fibre

Reference number 617R15



- For high-strength, very thin orthoses on a thermoplastic material basis
- Matrix: TPU
- Type of fibre: carbon
- Can be thermoformed under pressure
- High tensile strength
- Suitable for surfaces
- Suitable for painting
- Potentially adhesive
- Can be welded with components of the same matrix
- Clean processing
- No special storage requirements (e.g. no cooling)
- Moderate thermoforming temperature: approx. 220 °C

Information material

646F265=EN_INT	Thermoplastics poster
646A174=GB	Prepreg technology product information
646T757=EN	617R15 TP.C and 617R18 TP.C textile technical information

Technical data

Article number	Thickness	Packaging	Area	Fibre weight per unit area	Weave type	Fibre content	Resin content
617R15=1	Approx. 0.25 mm	3 sheets at 1000 x 430 mm per sheet	1.29 m ²	200 g/m ²	Twill 2/2	60 % by weight	40 % by weight
617R15=2	Approx. 0.25 mm	6 sheets at 1000 x 430 mm per sheet	2.58 m ²	200 g/m ²	Twill 2/2	60 % by weight	40 % by weight
617R15=5	Approx. 0.25 mm	12 sheets at 1,000 x 430 mm per sheet	5.16 m ²	200 g/m ²	Twill 2/2	60 % by weight	40 % by weight

Materials, tools and accessories

Thermoplastics



TP.C textile

Reference number 617R18

- For prostheses and orthoses on a PP thermoplastic material basis
- Can be used as reinforcement for ThermoLyn PP-H (article no. 616T20=*)
- Matrix: polypropylene
- Type of fibre: aramid
- Can be thermoformed under pressure
- High tensile strength
- Suitable for surfaces
- Can be welded with components of the same matrix
- Clean processing
- No cooling required, but store UV protected
- Moderate thermoforming temperature: approx. 220 °C

Information material

646D1446=EN_INT	617R18 TP.C textile product brief
646F265=EN_INT	Thermoplastics poster
646T757=EN	617R15 TP.C and 617R18 TP.C textile technical information

Technical data

Article number	Length	Width	Fibre weight per unit area	Weave type
617R18=50X2	2 m	50 mm	400 g/m ²	Twill 2/2
617R18=100X2	2 m	100 mm	400 g/m ²	Twill 2/2
617R18=190X2	2 m	190 mm	400 g/m ²	Twill 2/2



Practical recommendation 617R18

The 617R18 TP.C textile is particularly easy to process with the 755E62 and 755E5 Ottobock vacuum forming devices.



Separating film

Reference number 616F28

- Processing aid for TP.C
- Makes a glossy, clean surface that is optimally suited for further coating or painting
- Thermally stable
- Elongation at break: 300% +/-10%
- Tensile strength of 24 N/mm²
- Processing temperature: max. 260 °C
- Can be easily peeled off after curing

Technical data

Article number	Length	Width	Thickness	Colour
616F28=10000X1220	10000 mm	1220 mm	0.013 mm	Red

Information material

646A174=GB	Prepreg technology product information
646T757=EN	617R15 TP.C and 617R18 TP.C textile technical information



Elastic plaster bandages

Reference number 699G1

- For taking a plaster cast
- Compression of the elastic bandage begins as the plaster cures
- Curing time adapted to the application
- Coated plaster bandage that leads to less plaster waste, is easier and faster to work with, can take loads earlier and results in a higher final strength of the bandage

Technical data

Article number	Length	Width	Order unit	Package contents
699G1=10-12	3.6 m	10 cm	Package	12 pieces
699G1=12-12	3.6 m	12 cm	Package	12 pieces



Cellona® plaster bandages

Reference number 699G*

- For taking a plaster cast
- Easy moulding
- The bandage is ready for loading or transportation after only approx. 30 minutes and fully cured after approx. 24 hours
- Coated plaster bandage that leads to less plaster waste, is easier and faster to work with, can take loads earlier and results in a higher final strength of the bandage

Technical data

Article number	Length	Width	Order unit	Package contents
699G3=6-10	2 m	6 cm	Package	10 pieces
699G3=8-10	2 m	8 cm	Package	10 pieces
699G3=10-10	2 m	10 cm	Package	10 pieces
699G3=12-10	2 m	12 cm	Package	10 pieces
699G3=15-10	2 m	15 cm	Package	10 pieces
699G3=20-10	2 m	20 cm	Package	10 pieces
699G9=10-10	3 m	10 cm	Package	10 pieces
699G9=12-10	3 m	12 cm	Package	10 pieces
699G9=15-10	3 m	15 cm	Package	10 pieces
699G9=20-10	3 m	20 cm	Package	10 pieces

Materials, tools and accessories

Plaster casting materials



Cellacast Xtra® synthetic casting tapes

Reference number 699G30

- For immobilisation after fractures, operations and orthopaedic corrections; for treatment of joint and bone disorders and for promoting mobilisation as well as for bandaging child patients
- For making temporary fastenings in prosthetics (socket protection/adaptor securing, e.g. check sockets)
- For producing negative casts (orthotics)
- Alternative to the conventional plaster bandage
- Lightweight, permeable to air, X-ray transparent, waterproof and very stable once hardened
- Good adhesion to various materials, e.g. wood, lamination resin, foam, thermoplastic materials

Technical data

Article number	Length	Width	Colour	Order unit	Package contents
699G30=5-3-10	3.6 m	5 cm	Green	Package	10 pieces
699G30=7.5-3-10	3.6 m	7.5 cm	Green	Package	10 pieces
699G30=10-3-10	3.6 m	10 cm	Green	Package	10 pieces
699G30=12.5-3-10	3.6 m	12.5 cm	Green	Package	10 pieces
699G30=5-4-10	3.6 m	5 cm	Yellow	Package	10 pieces
699G30=7.5-4-10	3.6 m	7.5 cm	Yellow	Package	10 pieces
699G30=10-4-10	3.6 m	10 cm	Yellow	Package	10 pieces
699G30=12.5-4-10	3.6 m	12.5 cm	Yellow	Package	10 pieces
699G30=5-5-10	3.6 m	5 cm	Blue	Package	10 pieces
699G30=7.5-5-10	3.6 m	7.5 cm	Blue	Package	10 pieces
699G30=10-5-10	3.6 m	10 cm	Blue	Package	10 pieces
699G30=12.5-5-10	3.6 m	12.5 cm	Blue	Package	10 pieces
699G30=5-9-10	3.6 m	5 cm	Cream	Package	10 pieces
699G30=7.5-9-10	3.6 m	7.5 cm	Cream	Package	10 pieces
699G30=10-9-10	3.6 m	10 cm	Cream	Package	10 pieces
699G30=12.5-9-10	3.6 m	12.5 cm	Cream	Package	10 pieces
699G30=5-13-10	3.6 m	5 cm	Orange	Package	10 pieces
699G30=7.5-13-10	3.6 m	7.5 cm	Orange	Package	10 pieces
699G30=10-13-10	3.6 m	10 cm	Orange	Package	10 pieces
699G30=12.5-13-10	3.6 m	12.5 cm	Orange	Package	10 pieces



Practical recommendation 699G30

- We recommend using 641H9=2 latex-free examination gloves for processing.
- The bandage can be prevented from sticking to the skin by enveloping all surfaces that come into contact with the synthetic bandage in a body protection stockinette (e.g. 81A1 nylon sock on a roll) before applying the bandage.



Porous plaster

Reference number 87G4

- Special plaster for direct contact with silicones in vacuum technology for Pastasil and Chlorosil
- Porous plaster for silicone technology
- Harder than modelling plaster
- Very good stability
- Low water consumption

Technical data

Article number	Net contents
87G4=25	25 kg

Mixing ratio

Water	Porous plaster 87G4
1	1,6

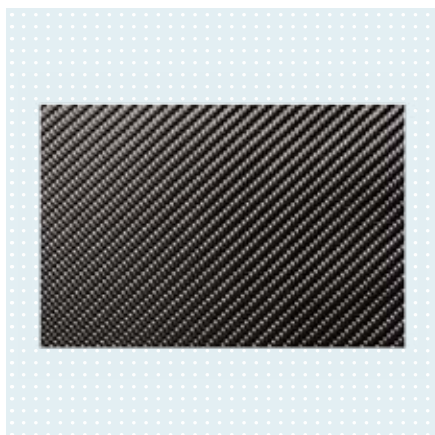


Practical recommendation 87G4

- Mixing time approx. 2–4 minutes.
- To protect the product during use, open or partly used bags should be carefully folded and sealed.

Materials, tools and accessories

Materials for lamination technique



Orthopox woven carbon fibre

Reference number 616G12

- Reinforcement fibres for 617H5 Orthopox epoxy resin and 616B60 resin film
- Not for use with acrylic resins
- No fraying of the fibres
- No double-sided adhesive tape required

Technical data

Article number	Length	Width
616G12=H5.1	1 m	1.20 m
616G12=H5.5	5 m	1.20 m

Information material

646F351=EN_MASTER Lamination resins poster



Orthopox woven flex

Reference number 616G181

- Reinforcement fibres for 617H5 Orthopox epoxy resin and 616B60 resin film
- Not for use with acrylic resins
- Dyneema substitute with better resin adhesion
- Protects against breakage
- Very good post-processing characteristics (e.g. sanding)

Technical data

Article number	Length	Width
616G181=H5.2	2 m	1.25 m



Measuring cup

Reference number 642B2

- Polypropylene measuring cup
- Scaling facilitates a precise mixing ratio
- The 1000-g cup is especially well suited for laminating pelvic sockets and orthoses, and for taking impressions and foaming with large volumes
- Reusable

Technical data

Article number	Volume	Minimum order quantity
642B2=50	50 g	100 pieces
642B2=100	100 g	100 pieces
642B2=200	200 g	100 pieces
642B2=400	400 g	100 pieces
642B2=1000	1000 g	100 pieces



Practical recommendation 642B2

- The varying density of the foam and hardener results in a precise mixing ratio of 1:1. We recommend using a measuring cup to ensure this mixing ratio.
- Add slightly more than the required amount of liquid foam, since a small amount often remains in the measuring cup.



PVA bags

Reference number 99B81

- For working with lamination resins as well as prepreg and resin film
- Sizes available for all amputation and orthosis types
- Film adapts to contours extremely well
- Easy to weld with the 756E1 hand sealing iron
- Good stretching properties
- High resistance to tearing

Technical data

Article number	For the fabrication of	Length	Width	Height	Thickness	Order unit	Package contents
99B81=60X11X4	Upper limb prostheses	60 cm	11 cm	4 cm	0.08 mm	Package	10 pieces
99B81=70X19X5	Soft-walled inner sockets and transtibial prostheses	70 cm	19 cm	5 cm	0.08 mm	Package	10 pieces
99B81=70X27X5	Thigh sleeves/ transfemoral prostheses	70 cm	27 cm	5 cm	0.08 mm	Package	10 pieces
99B81=100X12X4	Upper limb prostheses	100 cm	12 cm	4 cm	0.08 mm	Package	10 pieces
99B81=100X19X5	Transtibial prostheses	100 cm	19 cm	5 cm	0.08 mm	Package	10 pieces
99B81=100X26X5	Transfemoral prostheses	100 cm	26 cm	5 cm	0.08 mm	Package	10 pieces
99B81=100X30X5	Transfemoral prostheses	100 cm	30 cm	5 cm	0.08 mm	Package	10 pieces
99B81=100X36X5	Transfemoral prostheses	100 cm	36 cm	5 cm	0.08 mm	Package	10 pieces
99B81=120X50X10	Hip disarticulation	120 cm	50 cm	10 cm	0.08 mm	Package	10 pieces
99B81=130X19X5	KAFO	130 cm	19 cm	5 cm	0.08 mm	Package	10 pieces
99B81=130X22X5	KAFO	130 cm	22 cm	5 cm	0.08 mm	Package	10 pieces
99B81=130X26X5	KAFO	130 cm	26 cm	5 cm	0.08 mm	Package	10 pieces

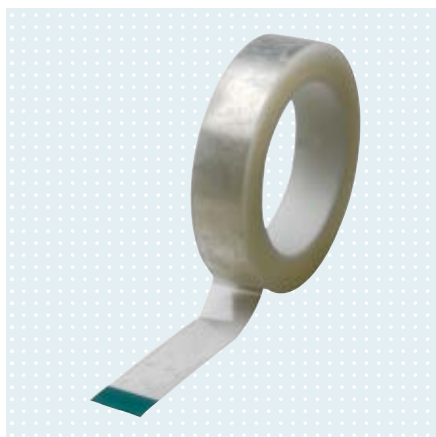
Information material

646A174=GB

Prepreg technology
product information

Materials, tools and accessories

Materials for lamination technique



Polyethylene adhesive tape

Reference number 627B40

- For sealing damaged PVA film
- The proven classic material
- Wide range of applications
- Base material: PE sheeting
- Acrylic adhesive material
- High elasticity
- High resistance to tearing
- Thermally stable



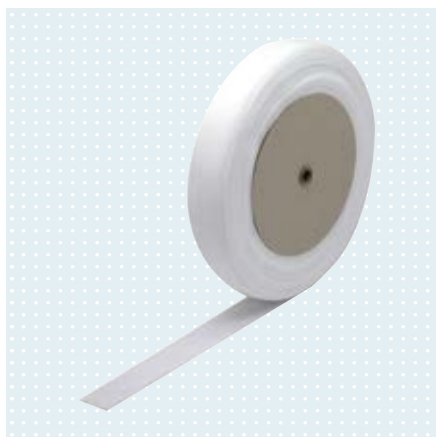
Technical data

Article number	Length	Width	Colour	Order unit
627B40	33 m	25 mm	Transparent	roll

Processing and usage examples for 627B40



Apply 627B40 polyethylene adhesive tape around the areas that are to be opened after laminating; while doing so, excessive resin in these areas can be reduced with the pre-tensioned adhesive tape. With a given pre-tensioning, the adhesive tape can be twisted to a cord so that excess resin can also be reduced in areas that are difficult to access.



Nylon sock

Reference number 81A1

- For plaster casting, e.g. for KAFOs
- Suitable as a filter and final layer for laminating
- For reinforcing Pastasil
- For vacuum technique with Chlorosil
- Polyamide
- Especially elastic
- Not pre-impregnated



Technical data

Article number	Length	Width	Weight
81A1=8	101.5 m	8 cm	1 kg
81A1=10	84.6 m	10 cm	1 kg
81A1=12	67.8 m	12 cm	1 kg
81A1=15	52.5 m	15 cm	1 kg
81A1=20	48 m	20 cm	1 kg

i **Practical recommendation 81A1**
Individually adaptable and weldable.

Processing and usage examples for 81A1



Application example – vacuum forming in orthotics

Pull 81A1 nylon sock over the plaster model, cut to length so it is twice the size of the model, twist off and fold back again.



Application example – vacuum forming in prosthetics

Pre-tension the 81A1 nylon sock, twist it and then secure it with combination pliers. Using a pair of scissors, cut off the end of the seam. Using the flame of a cigarette lighter, weld the cut surface and then immediately smoothen the weld seam.



With the welded seam turned inwards, pull the sock over the model.

Materials, tools and accessories

Materials – Stockinettes



Perlon® stockinette, white

Reference number 623T3

- For fabricating laminates
- Knitted fabric
- Finely meshed
- Good stretching properties
- Good shaping
- Smooth surface after laminating
- Suitable for surfaces



Technical data

Article number	Length	Width	Weight
623T3=4	45.4 m	4 cm	0.5 kg
623T3=6	27.7 m	6 cm	0.5 kg
623T3=8	20.8 m	8 cm	0.5 kg
623T3=10	37 m	10 cm	1 kg
623T3=12	33.3 m	12 cm	1 kg
623T3=15	27 m	15 cm	1 kg
623T3=20	20 m	20 cm	1 kg
623T3=25	13.5 m	25 cm	1 kg
623T3=30	11.1 m	30 cm	1 kg
623T3=35	10.2 m	35 cm	1 kg
623T3=40	8.8 m	40 cm	1 kg

Perlon® is a registered trademark of Perlon-Monofil GmbH.

All Ottobock reinforcement materials are photographed from top to bottom. Lengthwise (warp), crosswise (weft)



Nylglas stockinette, white

Reference number 623T9

- For fabricating laminates
- Blend of polyamide (35%) and fibreglass (65%)
- Knitted fabric
- Finely meshed
- High strength
- Low resin absorption combined with high stability



Technical data

Article number	Length	Width	Weight
623T9=6	31.2 m	6 cm	0.5 kg
623T9=8	35.7 m	8 cm	1 kg
623T9=10	32.2 m	10 cm	1 kg
623T9=12	26.3 m	12 cm	1 kg
623T9=15	23.8 m	15 cm	1 kg
623T9=20	18 m	20 cm	1 kg
623T9=25	15.2 m	25 cm	1 kg
623T9=30	11.6 m	30 cm	1 kg

Materials, tools and accessories

Materials – Carbon and fibreglass materials



Carbon UD stockinette

Reference number 616H20

- For axial reinforcement (bending forces) of thin-walled, high-strength laminates
- Designed especially for use with acrylic resins (e.g. 617H55 C-Orthocryl)
- The elastic weft thread allows the carbon threads to maintain their 0° orientation, regardless of the diameter
- No elaborate cutting or forming work is necessary with formed models
- The elastic weft thread facilitates forming the stockinette to the model and saves valuable working time
- Not suitable for surfaces



Product example



Technical data

Article number	Length	Width
616H20=20X5	5 m	20 mm
616H20=40X5	5 m	40 mm
616H20=70X5	5 m	70 mm
616H20=100X5	5 m	100 mm
616H20=150X5	5 m	150 mm



Practical recommendation 616H20

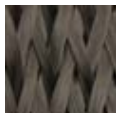
If the laminate is to have radial strength (torsional forces), additional reinforcement materials are required. In this case we recommend using our 616G15 carbon fibre woven stockinette.



Carbon fibre woven stockinette

Reference number 616G15

- For fabricating rigid lamination resin side struts, clasps and connectors
- For fabricating thin-walled, high-strength laminates
- Netting
- Very high torsional strength in laminates
- Torsion can be influenced by different circumferences (ideal angle: 45°)



Technical data

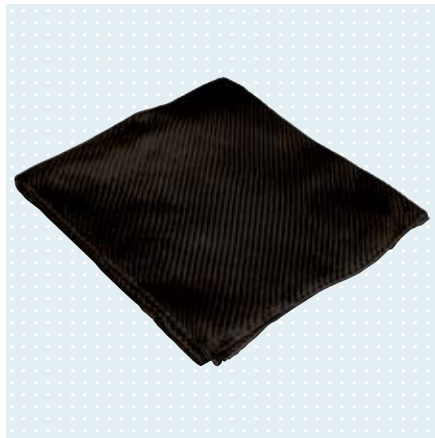
Article number	Length	Width
616G15=20X5	5 m	20 mm
616G15=20X10	10 m	20 mm
616G15=20X25	25 m	20 mm
616G15=20X50	50 m	20 mm
616G15=50X5	5 m	50 mm
616G15=50X10	10 m	50 mm
616G15=50X25	25 m	50 mm
616G15=50X50	50 m	50 mm
616G15=80X5	5 m	80 mm
616G15=80X10	10 m	80 mm
616G15=80X25	25 m	80 mm
616G15=80X50	50 m	80 mm
616G15=120X5	5 m	120 mm
616G15=120X10	10 m	120 mm
616G15=120X25	25 m	120 mm
616G15=120X50	50 m	120 mm

i Practical recommendation 616G15

Facilitates excellent sandwich properties in conjunction with 17Y106 PVC profile as the core material, especially in prosthetics.

Materials, tools and accessories

Materials – Carbon and fibreglass materials



Woven carbon fibre

Reference number 616G12

- For partial high-strength laminate reinforcements
- Good absorption of all Ottobock lamination resins
- Good draping characteristics



Information material

647G51 616G12 woven carbon fibre processing instructions

Technical data

Article number	Length	Width	Weight per unit area	Weave type
616G12=1	1 m	1200 mm	200 g/m ²	Twill 2/2
616G12=2	2 m	1200 mm	200 g/m ²	Twill 2/2
616G12=5	5 m	1200 mm	200 g/m ²	Twill 2/2
616G12=10	10 m	1200 mm	200 g/m ²	Twill 2/2
616G12=20	20 m	1200 mm	200 g/m ²	Twill 2/2
616G12=30	30 m	1200 mm	200 g/m ²	Twill 2/2

Processing and usage examples for 616G12



Check that the weft thread of the 616G12 woven carbon fibre is running a straight course by pulling out a weft thread running close to the cut edge.

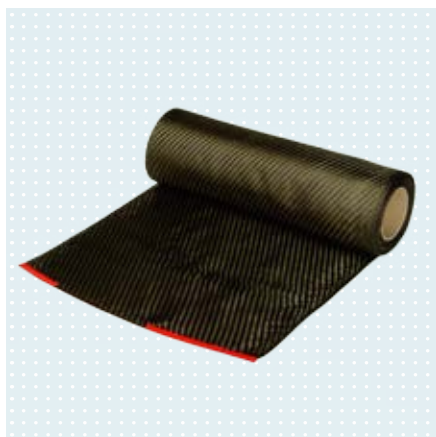


Pull the woven carbon fibre straight to such a degree that the resulting mesh loop runs 90° to the warp. Using 616F10 double-sided PVC adhesive tape, tape over the resulting mesh loop and cut the woven carbon fibre centrally along the adhesive tape. After these preparations have been completed, tailored carbon fibre sections can be made that have a 90° alignment between the warp and the weft. In this way the carbon fibres are not only aligned in accordance with the arising forces, they can also absorb these optimally.



Position the tailored carbon fibre sections on those parts of the reinforcements that are to be strengthened while pre-tensioning them in the fibre directions.

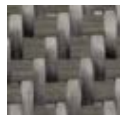
All Ottobock reinforcement materials are photographed from top to bottom. Lengthwise (warp), crosswise (weft)



Woven carbon fibre

Reference number 616G12

- For partial high-strength laminate reinforcements
- Processability including the woven edge is advantageous (edges are not sewn), because masking is not necessary
- Good absorption of all Ottobock lamination resins
- Good draping characteristics



Technical data

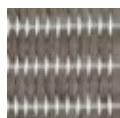
Article number	Length	Width	Weight per unit area	Weave type
616G12=50X1	1 m	50 mm	245 g/m ²	Twill 2/2
616G12=50X5	2 m	50 mm	245 g/m ²	Twill 2/2
616G12=50X10	10 m	50 mm	245 g/m ²	Twill 2/2
616G12=100X1	1 m	100 mm	245 g/m ²	Twill 2/2
616G12=100X5	2 m	100 mm	245 g/m ²	Twill 2/2
616G12=100X10	10 m	100 mm	245 g/m ²	Twill 2/2
616G12=300X1	1 m	300 mm	245 g/m ²	Twill 2/2
616G12=300X5	2 m	300 mm	245 g/m ²	Twill 2/2
616G12=300X10	10 m	300 mm	245 g/m ²	Twill 2/2



Carbon fibreglass webbing

Reference number 616H11

- For partial high-strength, unidirectional laminate reinforcements
- Combines the properties of carbon fibres in longitudinal direction and glass fibres in transverse direction
- Easy to shape thanks to glass weft thread
- Good draping characteristics
- Not suitable for surfaces



Technical data

Article number	Length	Width	Weight per unit area	Weave type
616H11=25X5	2 m	25 mm	410 g/m ²	Plain weave
616H11=25X10	10 m	25 mm	410 g/m ²	Plain weave
616H11=25X20	20 m	25 mm	410 g/m ²	Plain weave
616H11=25X50	50 m	25 mm	410 g/m ²	Plain weave
616H11=50X5	2 m	50 mm	410 g/m ²	Plain weave
616H11=50X10	10 m	50 mm	410 g/m ²	Plain weave
616H11=50X20	20 m	50 mm	410 g/m ²	Plain weave
616H11=50X50	50 m	50 mm	410 g/m ²	Plain weave

Materials, tools and accessories

Materials – Carbon and fibreglass materials



PVC profile bars

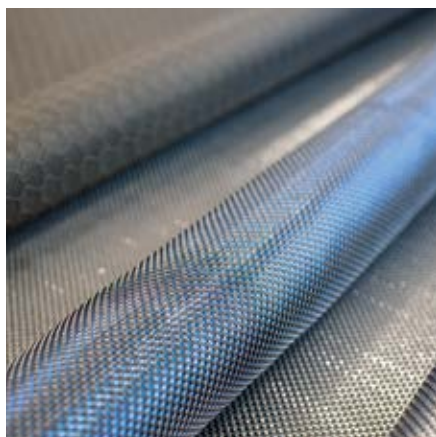
Reference number 17Y106

- As profile material in carbon fibre technique, especially in orthotics and for frame sockets in prosthetics
- Lightweight
- Easy to work with
- Thermoformable at 80 °C

Technical data

Article number	Length	Width	Quantity unit
17Y106=500X16	500 mm	16 mm	Piece
17Y106=500X20	500 mm	20 mm	Piece
17Y106=1000X16	1000 mm	16 mm	Piece
17Y106=1000X20	1000 mm	20 mm	Piece

All Ottobock reinforcement materials are photographed from top to bottom. Lengthwise (warp), crosswise (weft)



CarbonTEX PRO – woven carbon fibre

Reference number 616G128

- For custom colouring with lamination technique
- Excellent draping and sanding characteristics
- Glossy look thanks to metallised woven carbon fibre
- Good absorption of all Ottobock lamination resins
- Conventional lamination process
- No additional technical knowledge or workshop facilities required
- Extensive choice of designs

Technical data

Article image	Article number	Length	Width	Colour
	616G128=3-2	3 m	1 m	Light red
	616G128=3-3	3 m	1 m	Green
	616G128=3-5	3 m	1 m	Blue
	616G128=3-7	3 m	1 m	Hexagon black
	616G128=3-16	3 m	1 m	Silver

Information material

646D1467=EN_INT	616G128 CarbonTEX PRO product brief
646M80	616G128 CarbonTEX PRO sample swatch
646D696=EN	Finishing product information



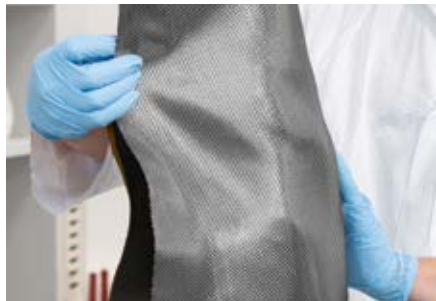
Practical recommendation 616G128

- Can be used with acrylic, vinyl, epoxy and polyester resin systems.
- Suitable for decorative purposes but not as a structural laminate component.
- Laminate without colour paste to prevent distortion of the colour result.
- Directly after cutting to size/sanding the socket, apply a transparent acrylic coating to the proximal edge. We recommend applying at least two layers and using wet/dry fine sandpaper between the layers. This approach is particularly well suited for sealing the upper socket brim. The external appearance of the upgraded socket is also optimised as a result.

Materials, tools and accessories

Finishing

Processing and usage examples for 616G128



641H17 chemical protection gloves, protective goggles and a breathing mask should be worn for occupational safety reasons. Perform all process steps under an extractor hood.

Sand the surface of the socket to be laminated, clean with 634A58 isopropyl alcohol and mark the position of the subsequent CarbonTEX PRO seam on the socket with a pencil.

Measure the socket length and circumference. Cut a corresponding piece of CarbonTEX PRO with a width and length that is 10 cm larger than the respective measurement. To prevent the fibres from fraying, tape off the outside of the cut edge. Apply 636K40 removable spray adhesive to the socket, starting on the side opposite the marked CarbonTEX PRO seam. Then continue wetting the socket gradually, applying the layer of CarbonTEX PRO around the socket without wrinkles and pressing it into place in the direction of the seam.



Attach one end of the layer of CarbonTEX PRO to the previously marked seam with 616F10=6 double-sided PVC adhesive tape and trim the excess material with the 719S21 carbon scissors. Then press any protruding fibres in place again. Repeat this procedure on the opposite side. To do so, apply a new strip of PVC adhesive tape to the cut edge of the CarbonTEX PRO side. Overlap and attach the second end of the layer of CarbonTEX PRO, trim the excess material and press any protruding fibres in place.



Use paper towels to clean the soaked 616F4 PVA bag on both sides and pull it over the model with the desired side (matte or gloss) facing outward. Tie off the PVA bag on the proximal end. Tie off temporarily in the distal region and create a vacuum.

Mix the desired quantity of 617H119 Orthocryl lamination resin 80:20 PRO, without adding colour paste, with 2% hardener and fill into the PVA bag. Then tie off above the resin filling, without any air inclusions.

Align the model as shown in Fig. 3. Undo the temporary tie in the distal area between the resin and socket, and extract rising air bubbles with the vacuum. Then laminate the socket, with an even penetration of resin running at a 90° angle to the socket axis.

After hardening, cut the socket and sand it down.



Carbon synthetic leather

Reference number 621X9

- Cover for orthoses, prostheses, wheelchairs and closures
- As an underlay for insoles
- 50% polyurethane, 50% polyamide
- High abrasion resistance
- Resistant to tearing
- Colour-fast
- Light-fast
- Suitable for cutting
- Suitable for punching
- Easy to sand
- Clean cut edges without fraying
- Well suited for bonding
- Can be thermoformed at 90–120 °C
- Minimal shrinkage

Technical data

Article number	Length	Width	Colour
621X9=1-7	1 m	1.46 m	Black
621X9=10-7	10 m	1.46 m	Black



Practical recommendation 621X9

- Prepare a template using 616F1 PVC film.
- Transfer the shape to 621X9 carbon synthetic leather. In doing so, make sure the carbon pattern is consistently aligned to obtain a uniform overall appearance and to conceal joints.
- Use 636N9 contact adhesive for fixing. The surfaces to be glued must be dry and free of dust, oil and grease.
- For better draping characteristics, warm 621X9 carbon synthetic leather slightly with hot air.

Index

3

3D L.A.S.A.R. Posture 406

50

50:50 gauge 408

A

Adapter sleeve 414
Adhesive pads for foot sensor 46, 53
Adjustable ankle joint 213
Adjustable stop 111
Adjustment aid 151, 153, 276, 277, 304, 305, 306, 307
Alignment axis 412
Alignment insert 412
Alignment insert set 109, 188, 190, 229, 235, 237, 239, 242, 244, 351, 355, 356, 357, 358, 415
Allen screw with collar 413
Allen wrench 383
Allen wrench 2.5 mm 413
Aluminium threaded jaws 208
Ankle-foot orthosis 17
Ankle joint 144, 147
Ankle joint bar 91, 95
Ankle joint bar for children 78, 80
Ankle joint bar, upper section 79, 81
Ankle joint, lower section 214
Ankle setting nut 214
Anterior and posterior uprights 397
Aqualine orthotic system 298
Aqualine Screw 137
Arm bar 391, 395
Arm bars 395
Arm bar with joint 389
Axial washers set 112, 118
Axle 267, 268

B

Back splint 400
Ball bearing .. 193, 199, 321, 323, 325, 327, 331, 333, 335, 336, 352, 353
Ball of thumb supports 65
Bar closure 398
Bar closure, flexible 398, 399
Base body 124
Battery charger 174, 220
Bearing ball 92, 96, 101, 137, 145, 148, 151, 303, 305
Bearing nut 310, 389, 391, 396
Bearing nut, hardened 79, 81, 83, 91, 95, 100, 136, 144, 147, 185, 187, 231, 233, 241, 246, 251, 257, 264, 285, 292, 312, 314, 316, 318, 428, 431
Bearing washer 251
Bearing washers 267
Belt pouch for remote control 67
Bending fixture set 417
Bending iron 416, 417
Bending irons 209
Bluetooth dongle 54
Brass bushing 84, 102, 137, 145, 148, 252, 257, 312, 314, 316, 318
Bubble level 410
Bushing 266, 329, 389, 391
Bushing for rocking locker 258
Buttock support fasteners 345, 346

C

Cable cover (for adapter sets) 39, 44, 56
Cable dummy 221
Calf pad 20, 23, 25, 27
Calf pad with strap 18
Calibration set 207
Callipers 209
Cap screw, glass bead blasted 212
Carbon Ankle seven 155
Carbon fibre foot plate 158, 159, 160, 161, 162
Carbon fibreglass webbing 465
Carbon fibre woven stockinette 463
CarbonIQ knee joint 276
CarbonIQ orthotic ankle joint 150
Carbon synthetic leather 469
CarbonTEX PRO – woven carbon fibre 467
Carbon UD stockinette 462
Carrying strap for remote control 45, 68
C-Brace® fabrication dummy 174
C-Brace® joint unit 170, 175
C-Brace® lamination bar 118
C-Brace® medial support 170
C-Brace® medial support dummy set 171
C-Brace® orthotronic mobility system 168
Cellacast Xtra® synthetic casting tapes 454, 457
Cellona® plaster bandages 453, 456
Chailey kit 235
Chest pad 399
Clamping sleeve 231, 359, 360, 361
Clinical kit/basic equipment for professionals 55
Clinician programmer connection cable 67
Clinician's programmer charger + adapter 54
Clinician's programmer kit 54
ComforTex air 443, 446
Component set 20
Compression spring. 92, 96, 100, 136, 145, 148, 151, 153, 251, 257, 265, 287, 304, 305
Compression spring set 112
Connecting cable 219
Connecting element 133, 397, 399
Connection hinge 397
Connection piece with lug 372, 373
Connector with lug 373, 374
Contoured CFP- 22M 163
Control electronics 220
Correction adapter set for C-Brace® 173, 176
Correction system joints 380
Cosa Active 341
Cosa Active shorts 342
Cosa FIT KIT 342
Cosa Junior 340
Cosa Junior shorts 342
Countersink 421
Countersunk allen head screw 280
Countersunk head screw (allen screw) 257
Countersunk head Torx screw 112, 223, 269
Countersunk rivet 146, 149
Countersunk screw 222
Coupling piece 252
Cover 251, 384
Cover cap 131
Cover for E-MAG Active joint unit 223
Cover for Reaction-module 130
Cover for Spring-module 129
Cover for Stop-module 128
Cover for thigh cuff 58

- Crosshair laser 411
 Cylinder Pin 303
 Cylinder Pin 151
- D**
- Deburring knife 419
 Diagnostic trial orthosis for C-Brace® 175
 Double joint arm bars 387
 Drive ring 221
 Duchenne bow kit 229
 Dummy 131
 Dummy cover 113, 117, 127
 Dummy for 17AF10 77
 Dummy for knee joint 219
 Dynamic unit for correction system joint 384
- E**
- Elastic plaster bandages 453, 456
 Elbow joint bars 392
 Elbow joint bar with cable lock 392
 Elbow joint bar without lock 393
 Electronics cable 220
 E-MAG Active 217
 E-MAG Active knee joint 220
 Extension stop 311, 313, 315, 317, 319
 Extensor attachment plate 69
 Eyelet cable anchor, large 253
- F**
- Fabrication set for C-Brace® 173, 176
 Fitting cable 55
 Flat headed screw 398, 402
 Flat head screw 197, 252, 302, 385
 Flat head Torx screw 119
 Flexion stop 311, 315, 317
 Flexor attachment plate 67
 Foam pads 210
 Foot plaster cast device 408
 Foot sensor 46, 53
 Foot stirrup 79, 93, 97, 103, 114, 115, 132, 145, 146, 148, 149, 154, 301
 Foot stirrup and shrink down tube 118
 Foot stirrup, lower section 215
 Foot stirrup, upper section 214
 Foot stirrup with bearing nut and truss head screw 81
 Forearm crutches 441, 444
 Forked system foot stirrup 85
 FPL panel 64
 FPL panel screw 66
 Free motion ankle joint 78
 Free motion knee joint 189
 Free motion knee joint, posterior offset 188
 FreeWalk orthotic system 205
 Frontal contour bending tool 208
- G**
- Gear wheel 382
 Genu Neurexa 59
 Gewindestift 152
 Goniometer 409
 GoOn 15
- H**
- H200 Wireless 63
 H200 Wireless orthosis 64
 H200 Wireless remote control 68
 H200 Wireless system charger 66
 H200 Wireless textile electrodes 64
 Half-round rivets 401
 Hand support rest for the Manu Neurexa plus 61
 Height marking gauge 410
 Hexagon nut 222
 Hinge 398
 Hip compass 410
 Hip joint bar 347, 348, 350, 358, 359, 360, 361
 Hip joint bar with double lock 355, 356
 Hole gauge 417
 Hook-and-loop closure 20, 430, 431, 433
 Hook-and-loop closure with weld seams 429, 432
 Hook-and-loop strap 211, 301, 434, 437
 HSCO twist drill 420
 Hydrogel electrode 38, 43
 Hydrogel electrode adapter set, 45 mm 39, 43, 56
- I**
- Information material 15, 62, 340, 341, 342, 364, 368, 369, 372, 373, 374, 375, 376
 Inlays 45, 56
- J**
- Joint 389, 391
 Joint bolt, hardened 388
 Joint centre piece 311, 312, 314, 316, 318
 Joint dummy 270
 Joint nut 382
 Joint piece 329, 335
 Joint Piece with Cable Lock 393
 Joint Piece without Lock 393
 Joint plate 388
 Joint protector 211
 Joint screw 329
- K**
- Kit for Lyon spinal orthosis 397
 Kit for Milwaukee spinal orthosis 400
 Knee cap ring plate 279, 286, 292
 Knee joint bar for children 184, 186, 230, 232, 240
 Knee joint bar lower part 325, 327, 331
 Knee joint bar, lower section 185, 230, 232, 240
 Knee joint bar upper part 321, 331
 Knee joint bar, upper section 185, 187, 230, 232, 240
 Knee joint, upper part 271
 Knee joint with 4-in-1 option ring lock 228
 Knee joint with covered Swiss lock 243
 Knee joint with open Swiss lock 242
 Knee joint with ring lock 234, 236, 238
 Knee lever 263
 Knee pivot gauge 407
 Knurled nut 401
- L**
- L100 Go cuff 38
 L100 Go System 37
 L300 Go system 41
 L300 Go System Plus Stand Alone 50
 L300 Go System Plus Upgrade 47

Index

Lamination bar 113, 132, 274, 372, 376
Lamination dummy 253
Lamination dummy for ankle joints incl. shoulder screw 117
Lamination dummy
for unilateral orthotic ankle joint incl. shoulder screw 114
Lateral pronation strap 23, 25, 27, 29, 32, 35
Leg joint bar, lower section 321, 323, 329, 335
Leg joint bar, lower section, nickel-plated 333
Leg joint bar, upper section 323, 327, 329, 335
Leg joint bar, upper section, nickel-plated 333
Light metal profile bar 88, 106, 142, 154, 194, 200, 278, 281,
301, 377, 385
Locating bolt 414
Location bolt 384
Lock cover 381
Locked hip joint bar 356, 357
Locking rocker 258
Lock latch 395
Lock lever 241, 279, 285, 291
Lock screw 333, 336
Lock unit for battery 219
Lock washer 263, 264, 395
Lock wedge 265, 266
Lower anterior upright 400
Lower joint section 381
Lower leg cuff 42
Lower leg FS strap 44
Lower leg joint bars, light duty 320, 322, 324, 326, 328
Lower leg joint bars, medium duty 330, 332, 334
Lower leg side bar 87, 88, 105, 106, 140, 141, 364, 365, 366, 368, 370,
371, 375, 376

M

Machine thread tap HSSE 420
Magnetic charging cable 39, 45, 49, 52
Maintenance set for FreeWalk 211
Maintenance set for lock 212
Malleo Neurexa pro 19
Manu Neurexa plus 60
Measuring cup 456, 466
Measuring tape 208
Medial joint piece 199
Medial knee guide 207
Medial support 224
Medial support for correction system joint 385
Modular system knee joint 245, 246
Morton's extension 164
Mounting adapter 133
Mounting aid 208
Mounting set for C-Brace® 173, 176
Multifunction orthotic ankle joint 109
Multifunction system ankle joint 136

N

Neck ring 401
Nexgear Tango ankle joint 124
Nexgear Tango FIT KIT 134
Notch pin for rocking locker 258
Nylglas stockinette, white 461
Nylon sock 459, 469

O

Occipital support 401
Omo Neurexa plus 62
Orthopox woven carbon fibre 456, 464
Orthopox woven flex 456, 464

Orthotic alignment aid 407
Orthotic joint alignment set 411
Ottobock Body callipers 409
Oval head screw 222, 279, 313, 315, 317, 319
Oval head screw, slotted and partially 310
Oval head screw, slotted and partially threaded 193, 199, 241, 286, 292,
295, 321, 323, 347, 352, 358, 359, 360, 361, 386

P

Pad 342
Pad button 209, 435, 436, 438
Pad for GoOn incl. straps and Y-hook-and-loop 16
Pad incl. hook-and-loop closures 29, 32, 35
Pad retainer bending tool 208
Pad set for hand support rest for 28P31 61
Pad set for Manu Neurexa plus 61
Parallel adapter 412
Parallel alignment tool 408, 409
Pelvic band 349, 350
Pelvic closure 398
Pelvic hinge 399
Pelvic tube 343
Perlon cable 252
Perlon cable 0 273
Perlon® stockinette, white 460
Phillips countersunk head screw 382, 402, 426, 429
Phillips head screw 386, 427, 430
Phillips head screw with collar 426, 429
Phillips oval countersunk head screw 83, 101, 157, 193, 199, 247, 252,
258, 280, 287, 383, 418
Phillips oval head screw 352, 353, 426, 429
Phillips screwdriver 418
Pivot point adjustment aid 407
Plastaband 297
Plastic bushing 115, 132
Polycentric knee joint bars 312, 314
Polycentric knee joint bars, short 316, 318
Polycentric knee joint bars with gear drive 310
Polyethylene adhesive tape 458, 468
Porous plaster 455, 458
Positioning aid 414
Positioning joint 396
Positioning template for C-Brace® fabrication dummy 174
Power supply unit 174
Protective cover for remote control 46
PU hook-and-loop closure 429, 432
Pull cable 394
Pull-release cable 244, 287
PVA bags 457, 467
PVC profile bars 466

Q

QuickFit buckle 440, 443
Quick fit electrode 38, 42, 57
QuickFit strap 439, 442

R

Reaction-module 125
Reaction-spring, extra strong 126
Reaction-spring, strong 126
Receptacle set 222
Receptacle set (electronics) 221
Remote control 46
Replaceable battery 219
Replacement blades 420
Retainer ring for thrust needle bearing 348, 349

- RGO hip joint system 343
 Ring 396
 Ring lock 231, 233, 246, 359, 360, 361
 Rivet pin 359, 360, 390
 Roll loop 432, 435
 Rosette washer 157
 Round textile electrode 38, 43, 57
 Rubber ring 196, 197
- S**
- SafeLock buckle 438, 441
 SafeLock slider 439, 442
 Screw for wrist pad 66
 Screw set for C-Brace® joint connection 173, 176
 Screw set, Phillips 291
 Screws for ball of thumb support 66
 Screw with flattened half-round head 131, 212, 215, 267
 Separating film 452, 455
 Serrated lock washer 197
 Service set 109, 118, 150, 152, 188, 189, 190, 221, 228, 234, 235, 236, 237, 239, 242, 243, 276, 277, 303, 304, 306, 307, 350, 355, 356, 357, 358
 Service set for 17B66 138
 Service set for axial washers 127
 Service set for base body 127
 Service set for Reaction-module 130
 Service set for Spring-module 129
 Service set for Stop-module 128
 Set of mounting plates 64, 68
 Set of Stops 150, 303
 Set screw 111, 119, 128, 129, 151, 152, 277, 303, 304, 306, 307
 Set screw with end bore 150, 303
 Set screw with slot 92, 96, 101, 144, 147
 Setting nut 425, 428
 Setting nut/insert nut 402, 425, 428
 Set wheel with lever 382
 Shim plate 84, 101
 Shin pad 29, 32
 Shoe stirrup 93, 97
 Short lock lever 285, 297
 Shoulder screw 413
 Shoulder screw set 414
 Shrinkable tubing 345, 434, 437
 Side bar 113, 145, 148, 274, 369, 385
 Silicone sanding cone set 421
 Silver solder 423, 426
 Sintering powder 424, 427
 Slotted flat head screw, partially threaded 335
 Slotted oval head screw 327, 349, 350
 Slotted oval head screw (lock screw) 199, 321, 323, 325, 327, 329, 331
 Slotted oval head screw, nickel-plated lock screw 335
 Slotted oval head screw, partially threaded 333, 336
 Slotted oval head screw, partially threaded (ball bearing screw) 325, 331
 Slotted sheet metal cap screw 310
 Slotted truss head screw 79, 81, 83, 91, 95, 100, 136, 144, 147, 185, 187, 231, 233, 241, 251, 257, 286, 291, 293, 310, 313, 314, 316, 319, 344, 390, 396, 427, 430
 Small electrode adapter set, 36 mm 56
 Small quick fit electrode 42, 57
 Socket screw 394
 Spanner 418, 419
 Spare part set screwing 111
 Special lubricant 422, 424
 Special screw 197
 Spring 253, 259
 Spring band steel profile bar 396
 Spring bolt for Reaction-module 130
 Spring cap 388
 Spring-loaded thrust piece 231, 247, 359, 360, 361
 Spring-module 125
 Stainless steel profile rod 88, 106, 142, 154, 194, 200, 278, 281, 377
 Steel Ball 152
 Steel cable for lock 213
 Steering electrode 42, 57
 Stimulation tester 57
 Stimulator/EPG 40, 44, 52
 Stimulator/EPG, peripher 49
 Stirrup with wedge lock 394
 Stop-module 125
 Stop pin 304
 Stop pin (small) 305
 Stop Pin (small) 137, 152
 Stop set 145, 148
 Strap 437, 440
 Strap cover, lower leg cuff 44, 55
 Strap cover, thigh cuff 48, 51, 58
 Strap guide loop 432, 435
 Strap guide loop for pad button 210, 436, 439
 Strap guide loop with tube connection 209
 Strap holder for thigh cuff 49, 52, 58
 Strap piece 20
 Strap, treated 437, 440
 SuperGlue dispensing gun 422, 423
 SuperGlue refill pack static mixer 422, 423
 Support element 131
 Support fasteners 345, 346
 System ankle joint 82, 83, 99, 100
 System ankle joint for children 144
 System charger with charging adapters 40, 45
 System compensation piece 373, 374
 System extension assist 196
 System foot stirrup 84, 85, 86, 94, 98, 102, 138, 139
 System foot stirrup, double-sided shoe stirrup 139
 System hip joint 352, 353
 System knee joint 191, 192, 198, 250, 256, 279, 283, 284, 290
 System knee joint 250
 System knee joints 284
 System knee joint set 296
 System lamination bar 86, 104, 140, 193, 200, 247, 254, 260, 280, 288, 293, 353, 354, 373, 374
 System lamination bar with contoured calf 86, 104, 140, 194, 200, 248, 254, 260, 281, 288, 293, 353, 354, 374, 375
 System lamination foot stirrup 84, 102
 System orthotic ankle joint for children 147
 System shoe plate, hardened 86, 94, 98, 104, 139, 146, 149
 System shoe stirrup 85, 103
 System side bar set 89, 90, 107, 108, 142, 143, 194, 195, 196, 201, 202, 248, 249, 254, 255, 260, 261, 281, 282, 288, 289, 293, 294, 353, 354, 355, 364, 366, 368, 370, 371
 System side Bar set 201
 System side bar set, extra long 90, 108, 143, 195, 202, 249, 255, 261, 282, 289, 295, 354, 355, 365
- T**
- Tablet with C-Brace® Setup app 170
 Temporary switch 271
 Tension band 207
 Tensioning clip 436, 439
 Terry cloth padding 442, 445
 Textile electrode adapter set, 45 mm 39, 43, 55
 Textile electrode for thigh, central 48, 51
 Textile electrode for thigh, offset 48, 51, 58
 ThermoLyn clear 450, 453
 ThermoLyn PE 200 448, 451

Index

ThermoLyn Pedilon	444, 447
ThermoLyn PP-C	446, 449
ThermoLyn PP-H	302, 447, 450
ThermoLyn RCH 500	449, 452
ThermoLyn trolene	445, 448
Thigh bar	344
Thigh bars	336
Thigh cuff	48, 51
Thigh side bar	364, 365, 366, 368, 370, 371, 375, 376
Thigh strap incl. buckles	49, 52
Threaded plate	214
Threaded sleeve	253, 259, 273
Throat Mold	401
Thrust needle bearing	348, 349
Thrust piece with ball	92, 96, 101
Tip	419
Tool case	207
Torque wrench	133
Torso bar	344
TORX® bit range	134
TORX® key set	133
TPC textile	452, 455
TPC woven carbon fibre	451, 454
Triple control	212
TR ring orthosis closure	433, 436
Two-hole nut	348, 349
Two-hole screw	231, 233, 247, 348, 349

U

Unilateral C-Brace® ankle joint	117, 171
Unilateral knee joint	262
Unilateral system ankle joint	110, 172
Universal power supply	223
Upper arm bar	390
Upper joint section	381

V

Viscoelastic pressure pad	16
---------------------------------	----

W

WalkOn	24
WalkOn FIT KIT	25, 27
WalkOn Flex	22
WalkOn Flex FIT KIT	23
WalkOn Reaction	28
WalkOn Reaction FIT KIT	30
WalkOn Reaction junior	34
WalkOn Reaction junior FIT KIT	35
WalkOn Reaction plus	31
WalkOn Reaction plus FIT KIT	33
WalkOn Trimable	26
Washer	270
Washer set	383
Waterproof CarbonIQ knee joint	300
Waterproof CarbonIQ orthotic ankle joint	300
Wedge	213
Wedge lock, hardened	252, 258
Welding electrode	423, 426
Welding nut	157
Woven carbon fibre	464, 465
Wrist loop	65
Wrist loop for remote control	68
Wrist pad	65
Wrist pad covers	65

X

X-ible	76
--------------	----

Y

Y-hook-and-loop	16, 30, 33, 35
Y-hook-and-loop with PU coating	210, 435, 438
Y system charging cable	66

1-10

4A101.....	267, 268
4E50-2.....	174
4Z8.....	251
4Z80.....	251
7A1.....	331
7A3.....	325
7A5.....	321
7A6.....	323
7A9.....	335
7A10.....	329
7A11.....	333
7A14.....	327
7B3.....	331
7B4.....	325
7B5.....	321, 323
7B7.....	327
7B8.....	335
7B10.....	329
7B13.....	333
7G3.....	336
7U2.....	330
7U10.....	334
7U15.....	332
7U25.....	332
7U27.....	328
7U30.....	320
7U32.....	322
7U33.....	320
7U42.....	322
7U43.....	324
7U46.....	326
7U56.....	310
7Y12.....	335
7Y13.....	329
7Y14.....	329
7Y19.....	199

11-20

16U4.....	387
16U5.....	387
16U7.....	389
16U8.....	391
16X4.....	395
16X8.....	395
16X12.....	392
16X13.....	392
16X14.....	393
16Y5.....	388
16Y6.....	388
16Y7.....	395
16Y8.....	395
16Y9.....	388
16Y26.....	394
16Y27.....	393
16Y31.....	393
16Y64.....	390
17A3.....	81
17A4.....	79
17AD1.....	109
17AD100.....	124
17AD100A=AS.....	125
17AD100A=DY.....	127, 131
17AD100A=FIT-KIT.....	134
17AD100A=HS.....	125, 126
17AD100A=LS.....	125

17AD100A=MA.....	133
17AD100S.....	127
17AD100S=AS.....	128
17AD100S=HS.....	130
17AD100S=LS.....	129
17AF2.....	78
17AF10.....	76
17AF10A.....	77
17AO100.....	117, 171
17AO100S.....	118
17AS=19.....	109
17B3.....	192
17B4.....	368, 370, 375, 376
17B5.....	87, 105, 140, 368, 375, 376
17B6.....	364, 365
17B7.....	87, 105, 140, 364
17B8.....	373, 374
17B20.....	245
17B21.....	246
17B23.....	283
17B23K.....	283
17B26.....	191
17B33.....	290
17B38... ..	89, 107, 142, 194, 201, 248, 254, 260, 281, 288, 293, 353, 354, 368, 375, 376
17B39... ..	89, 107, 142, 195, 201, 248, 254, 260, 282, 288, 294, 353, 354, 364
17B40... ..	89, 107, 143, 195, 202, 249, 255, 261, 282, 289, 294, 354, 355, 370
17B41... ..	90, 108, 143, 195, 202, 249, 255, 261, 282, 289, 295, 354, 355, 365
17B42.....	245
17B43.....	192
17B44.....	279
17B45.....	284
17B46.....	198
17B47.....	191
17B53.....	100
17B54.....	83
17B55.....	84
17B57.....	82
17B58.....	93, 97
17B59.....	99
17B60.....	85
17B61.....	85
17B62.....	82
17B63.....	99
17B64.....	86
17B65.....	94, 98
17B66.....	136
17B66=S.....	138
17B70.....	396
17B71.....	198
17B82.....	352, 353
17B83.....	372, 373
17B84... ..	90, 108, 143, 196, 202, 249, 255, 261, 282, 289, 294, 354, 355, 371
17B85... ..	89, 107, 143, 195, 201, 248, 255, 261, 282, 289, 294, 354, 355, 366
17B86.....	371
17B87.....	87, 105, 141, 371
17B88.....	366
17B89.....	87, 105, 141, 366
17B91.....	290
17B92.....	284
17B95.....	256
17B96.....	256
17B97.....	296
17B99.....	102
17B100.....	84
17B101.....	102
17B102.....	88, 106, 141, 370
17B104.....	88, 106, 141, 365
17B105.....	250
17B106.....	250
17B107.....	103
17B108.....	102
17B113.....	138
17B114.....	138
17B115.....	139
17B116.....	139
17B203.....	217
17B206.....	224
17BK1.....	380
17BK1=S.....	383
17BK2.....	384
17BK3.....	385
17BS203.....	221
17C3.....	81
17C4.....	79
17CF1.....	155
17F24.....	80
17F31.....	91
17F32.....	95
17F33.....	93, 97
17F34.....	78
17F35.....	86, 94, 98, 104, 139, 146, 149
17F36.....	85
17F48.....	389, 391
17F52.....	145, 385
17F53.....	144
17F54.....	145, 146, 148, 149
17F65.....	147
17F70.....	103
17H23.....	348, 349
17H26.....	358, 359
17H28.....	360, 361
17H29.....	347, 348
17H34.....	358, 359
17H100.....	343
17HF1.....	350, 351
17HL1.....	356, 357
17HL4.....	356, 357
17HL5.....	355, 356
17K29.....	230
17K32.....	184
17K33.....	186
17K34.....	240
17K42.....	232
17K43.....	312
17K45.....	314
17K46.....	316
17K47.....	318
17KF1.....	189
17KF10.....	188
17KF100.....	170
17KF100A.....	171
17KHS=2.....	190, 235, 237, 350, 351, 357, 358
17KHS=3.....	189, 234, 236, 350, 355, 356, 357, 358
17KL6.....	234
17KL7.....	236
17KL8.....	238
17KL9.....	238
17KL19.....	229, 235
17KL20.....	243

Reference number index

17KL30.....	242	17Y67.....	310	28FS300A-LG4-5201.....	46
17KL40.....	228	17Y74.....	311	28FS300=CLINICKIT.....	55
17KO1.....	170, 175	17Y78.....	311	28FS300=PROGRAMMER.....	54
17KO1A=SET.....	173, 176	17Y80.....	92, 96, 101	28FS300S.....	38, 42, 43, 44, 45, 56, 57
17KO1A=*-Set-1.....	173, 176	17Y84.....	286, 292	28FS300S=20-0004.....	57, 58
17KO1A=Set-1.....	173, 176	17Y88.....	258	28FS300S=20-0005.....	45
17KO1A=SET-2.....	173, 176	17Y89.....	258	28FS300S=LG3-4A00.....	44, 55
17KO1000=0_B.....	168	17Y90.....	313, 315, 317, 319	28FS300S=LG3-5L00.....	39, 43, 44, 56
17KS=1.....	239	17Y91.....	315, 317	28FS300S=LG3-4900.....	55
17KS=4.....	235, 237	17Y92.....	314, 316	28FS300S=LG3-6500.....	56, 57
17KS=6.....	234, 236	17Y93.....	79, 81, 83, 91, 95, 100, 136, 144, 147, 185, 187, 231, 233, 241, 246, 251, 257, 264, 285, 292, 312, 314, 316, 318, 389, 391, 396, 428, 431	28FS300S=LG4-4U00.....	39, 43, 55
17KS=7.....	239	17Y97.....	291	28FS300S=LG4-5E00.....	39, 43, 56
17KS=8.....	228	17Y104.....	285, 297	28FS300S=LG4-5300.....	40, 43, 44, 52
17KS=9.....	243	17Y106.....	466	28FS300S=LG4-7100.....	39, 45, 49, 52
17KS=10.....	243	17Y121.....	251	28FS300S=LG4-7200.....	40, 45
17KS=11.....	188	17Y122.....	252	28FS300S=LG4-BT01.....	54
17KS=14.....	242	17Y123.....	252	28KS300.....	47
17KS=16.....	190	17Y126.....	253	28KS300S.....	48, 49, 51, 52, 58
17KS=18.....	189	17Y127.....	312, 318	28KS300S=L3P-5D00.....	48, 51, 58
17KT1.....	175	17Y128.....	86, 104, 140, 193, 200, 247, 254, 260, 280, 288, 293, 353, 354, 373, 374	28KS300S=L4P-4A00.....	48, 51, 58
17LA3N.....	110, 172	17Y129.....	86, 104, 140, 194, 200, 248, 254, 260, 281, 288, 293, 353, 354, 374, 375	28KS300S=L4P-5D00.....	48, 51
17LA32N.....	111	17Y130.....	343	28KS300S=L4P-5300.....	49
17LA33N.....	112, 118	17Y131.....	344	28KS300S=L4P-8200.....	49, 51, 52, 58
17LA34N.....	112	17Y132.....	344	28KS310.....	50
17LA35N.....	111	17Y140.....	343	28L100.....	340
17LD1N.....	114, 117	17Y142.....	344	28L101.....	341
17LD1N-P.....	113, 117	17Y143.....	344	28LT1.....	342
17LF3N.....	114	17Y155.....	145, 148	28P30.....	60
17LF31N.....	115	17Y156.....	265	28P31.....	61
17LK3.....	262	17Y157.....	266	28PS200.....	63
17LS3.....	113, 132, 224, 274, 372, 376	17Y158.....	266	28PS200A.....	67, 68, 69
17LV3.....	113, 274, 369	17Y160.....	345, 346	28PS200A=20-0005.....	68
17MS30.....	244, 287	17Y161.....	345, 346	28PS200A=20-0007.....	67
17PA1.....	150	17Y162.....	271	28PS200A=H2W-5600.....	68
17PA1=*-WR.....	300	17Z8.....	349, 350	28PS200A=LG3-5H00.....	68
17PF1.....	154, 301	17Z49.....	348, 349	28PS200S.....	64, 65, 66, 67, 68
17PK1.....	276	18Z1.....	196	28PS200S=20-0014.....	54
17PK1=*-WR.....	300	18Z2.....	197	28PS200S=H2W-5D00.....	64
17S100.....	118	18Z3.....	396	28PS200S=HR2-4C00.....	66
17SF100=OS.....	118, 132			28PS200S=HR2-5K00.....	65
17U7.....	230			28PS200S=L3P-5G00.....	66
17U8.....	185			28PS200S=LG3-5C00.....	66
17U9.....	187			28R8.....	397
17U10.....	240			28R10.....	400
17U11.....	232			28T1N.....	25, 27
17U14.....	381			28T2.....	23
17X1.....	232			28T3.....	30
17X7.....	230			28T4.....	33
17X8.....	185			28T5.....	35
17X9.....	187			28U11.....	24
17X10.....	240			28U22.....	22
17X14.....	381			28U23.....	26
17Y13.....	231, 233			28U24.....	28
17Y17... 84, 102, 137, 145, 252, 257, 312, 314, 316, 318, 389, 391				28U25.....	31, 34
17Y18.....	92, 96, 101			28U50.....	19
17Y20.....	285			28U70.....	15
17Y31.....	246, 359, 360, 361			28U90.....	17
17Y32.....	196			28Z10.....	23, 25, 27, 29, 32, 35
17Y34.....	291			29C3.....	402, 425, 428
17Y35.....	196			29C5.....	425, 428
17Y37.....	241			29C6.....	425, 428
17Y42.....	84, 101			29L100.....	342
17Y50.....	348, 349			29L101.....	342
17Y56.....	279			29L102.....	342
17Y57.....	241, 279			29P31.....	61
17Y61.....	373, 374			29P32.....	61
17Y63.....	311			29PA1.....	150, 152, 303, 304
				29PK1.....	276, 277, 306, 307

21-35

21A5.....	253
21A7.....	252, 259
21A12.....	253, 259, 273
21A18.....	252, 259
21A25.....	253, 259
21A45.....	273
21B42.....	437, 440
21B43.....	436, 439
21B44.....	437, 440
21Y75N.....	429, 432
21Y78.....	429, 430, 432
21Y79.....	394
21Y92.....	432, 435
21Y122.....	431, 434
22K*.....	441, 444
28FS100.....	37
28FS100S.....	38, 40
28FS300.....	41
28FS300A.....	46, 53
28FS300A=LG3-5K00.....	46, 53
28FS300A=LG4-5200.....	46

29PK2.....	276, 277, 306, 307
29PK4..	151, 153, 276, 277, 304, 305, 306, 307
29R32.....	397
29R33.....	398
29R36.....	398
29R38.....	399
29R45.....	399
29R49.....	398
29R55.....	399
29R59.....	398
29R60.....	397
29R62.....	397
29R81.....	401
29R82.....	401
29R83.....	401
29R86.....	401
29R89.....	400
29R92.....	400
29R94.....	400
29R100.....	400
29R120.....	399
29S1.....	20
29S2.....	20
29S12.....	433, 436
29S24.....	20
29U5.....	23
29U23.....	29, 32
29U24.....	29, 32, 35
29U25.....	16, 29, 30, 32, 33, 35
29U34.....	20
29U70.....	16
29U74.....	16
29U90.....	18
29Y27.....	386, 427, 430
30E109.....	148
30G70.....	220
30G79.....	150, 303
30U89.....	144
30U116.....	147
30U132.....	263
30X94.....	271
30Y87.....	266
30Y91.....	269
30Y140.....	221
30Y154.....	381
30Y156.....	382
30Y157.....	382
30Y183.....	384
30Y192.....	384
30Y212.....	382
30Y265.....	263
30Y267.....	270
30Y268.....	270
30Y289.....	150, 303
30Y306.....	115, 132
30Y309.....	111, 128, 129
30Y349.....	111
30Y438.....	221
30Y444.....	131
30Y450.....	119
30Z22.....	258

36–89

81A1.....	459, 469
87G4.....	455, 458

90–99

99B81.....	457, 467
------------	----------

100–499

170C11.....	214
170D17.....	435, 438
170D18.....	209
170D20.....	210, 436, 439
170D28.....	214
170D29.....	210, 435, 438
170D30.....	207
170D33.....	214
170D69.....	209, 436, 439
170D71.....	212
170D73.....	213
170D83.....	212
170D100.....	210
170F14.....	214
170F15.....	215
170K1.....	205
170W2.....	207
170W4.....	207
170W11.....	208
170W12.....	208
170W13.....	208
170W14.....	208
170W18.....	209
170W19.....	209
170W23.....	207
170X17N.....	213
170X18.....	211
170Z4.....	211, 301, 434, 437
170Z93.....	267
170Z96.....	213
170Z99.....	212
170Z120.....	211
317B3.....	220
317B20.....	219
317D2.....	223
317E2.....	220
317E20.....	219
317L20.....	220
317R20.....	219
317X203.....	219
317Z13.....	221
317Z21.....	222

500–599

501A1.....	413
501A6.....	193, 199, 321, 323, 352, 353
501A11.....	241, 286, 292, 295, 310
501A12.....	327
501A21.....	347, 358, 359, 360, 361
501A22.....	333, 336
501A23.....	279
501A24.....	335
501A25.....	325, 331
501A29.....	359, 360, 386
501A32.....	329
501B5.....	310
501D1.....	231, 247, 359, 360, 361
501F9.....	131, 212, 215, 267
501G2.....	144, 147
501S6.....	333, 336
501S10.....	335

501S16.....	398, 402
501S21.....	222
501S22.....	199, 321, 323, 325, 327, 329, 331
501S32.....	79, 81, 83, 91, 95, 100, 136, 144, 147, 185, 187, 231, 233, 241, 251, 257, 286, 291, 293, 310, 313, 314, 316, 319, 344, 390, 427, 430
501S34.....	231, 233, 247
501S41.....	257
501S42.....	313, 315, 317, 319
501S43.....	197
501S47.....	349, 350
501S55.....	280
501S57.....	396
501S59.....	394
501S72.....	222
501S79.....	197
501S84.....	302, 385
501S86.....	157, 383
501S136.....	119
501S137.....	112, 223, 269
501T7... ..	83, 101, 193, 199, 247, 252, 258, 287, 352, 353, 381, 418
501T19.....	382, 402, 426, 429
501T20.....	426, 429
501Z13.....	426, 429
502E3.....	157
502S27.....	222
504R5.....	401
504S6.....	146, 149
506A5.....	305
506A8.....	137, 151, 152, 303
506A12.....	359, 360, 390
506A27.....	304
506G3.....	137, 152, 277, 307
506G21.....	151, 277, 303, 304, 306
506G36.....	152
506K2.....	258
506S1.....	231, 359, 360, 361
507S11.....	197
507S96.....	263, 264
507U9.....	157
509K11.....	193, 321, 323, 325, 331, 333, 335, 336, 352, 353
509K12.....	199
509K15.....	327
509N3.....	348, 349
509N4.....	348, 349
509Y1.....	137, 145, 148, 151, 152, 303, 305
509Y2.....	92, 96, 101
513D18.....	92, 96, 100, 136, 153, 305
513D19.....	145, 148, 251, 257, 287
513D83.....	265
513D87.....	151, 304
514U2.....	432, 435
514Z8.....	438, 441
514Z9.....	439, 442
514Z20.....	439, 442
514Z21.....	440, 443
516K2.....	131
570A16.....	170

600–609

605P8... ..	88, 106, 142, 154, 194, 200, 278, 281, 301, 377, 385
-------------	--

Reference number index

610–619

616F28.....	452, 455
616G12.....	456, 464, 465
616G15.....	463
616G128.....	467
616G181.....	456, 464
616H11.....	465
616H20.....	462
616T*.....	302, 447, 448, 449, 450
616T3.....	445, 448
616T73.....	444, 447
616T83.....	450, 453
616T120.....	446, 449
616Z9.....	345, 434, 437
617R15.....	451, 454
617R18.....	452, 455
618T40.....	424, 427

620–629

621X9.....	469
623F62.....	443, 446
623P3.....	442, 445
623T3.....	460
623T9.....	461
623Z*.....	433, 436
623Z3.....	431, 434
623Z39.....	25, 27
627B40.....	458, 468

630–639

633G6.....	422, 424
636K8.....	297
637E1.....	423, 426
637L8.....	423, 426

640–699

642B2.....	456, 466
651B1.....	396
651P4... ..	88, 106, 142, 154, 194, 200, 278, 281, 377
699G*.....	453, 456
699G1.....	453, 456
699G30.....	454, 457

700–799

702B9.....	417
709S10.....	413
709S530.....	133
709Y8.....	419
709Z2.....	418
709Z4.....	419
710D20.....	133
710H10.....	383
710H50.....	418
710Y19.....	133
710Y25.....	134
711S1.....	416
711S2.....	417
711S3.....	417
711S4.....	416
711S5.....	416
718S2.....	419
718Y2.....	420
724S14.....	420

726S9.....	421
731B34.....	420
742A4.....	410
743A6.....	407
743A7.....	407
743A8.....	407
743A9.....	408
743A80.....	408
743B4.....	208
743L5.....	411
743L500.....	406
743R3.....	408
743R5.....	409
743R6.....	411
743S1.....	409
743T3.....	410
743W2.....	409
743Y32.....	410
743Y46.....	414
743Y47.....	414
743Y48.....	414
743Y49.....	414
743Y55.....	412
743Y56.....	412
743Y57.....	109, 188, 190, 229, 235, 237, 239, 242, 244, 351, 355, 356, 357, 358, 415
743Y70.....	412
743Y72.....	413
749F16.....	421
756K31.....	422, 423
756Y76.....	422, 423
757L16.....	223
757L16-4.....	174
799A1.....	174
799Y17.....	174
5065N.....	62
8165.....	59

A–Z

SL=AL.....	159
SL=AR.....	160
SL=CFP.....	163
SL=F.....	158
SL=HAL.....	161
SL=HAR.....	162
SL=ME.....	164
SL=MEL.....	164

Ottobock SE & Co. KGaA
Max-Näder-Straße 15 · 37115 Duderstadt
T +49 (0)5527 848-1706 · F +49 (0)5527 72330
export@ottobock.com · www.ottobock.com