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Braces and supports.
Product catalogue.



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Taking innovation into the future.

For more than 100 years, Ottobock has been known around the world for expertise in orthopaedic technology and for innovative devices that restore mobility and quality of life for people with disabilities.

Our primary goal in orthotics is to develop the latest medical and technical fitting solutions to support you during therapy and to make your work easier.

Exchanging information with you and your colleagues is a key part of achieving this. We are looking forward to meeting you!



Foot and ankle.

Product overview.

Foot and ankle.

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Further information on accessories and spare parts is found in section 7.

509 Hallux Valgus Comfort

Hallux valgus band with short strap, promotes muscular correction of toe positioning

Features and benefits

- Short, flat strap
 - Excellent wearer comfort, even in shoes
- Padding made of temperature-regulating material
 - Good fit, temperature regulating

Indications

- Hallux valgus (malposition of the metatarsophalangeal joint of the big toe)

Modes of action

- Promotes the muscular correction of toe positioning
- Can relieve pain

Technical data

Article number	Size	Side
509=L-U	Universal	left (L)
509=R-U	Universal	right (R)



Further information on accessories and spare parts is found in section 7.

510 Hallux Valgus Combo Comfort

Hallux valgus band with long strap, promotes muscular correction of toe positioning

Features and benefits

- Long, flat strap
 - Excellent wearer comfort, even in shoes
- Strap encompasses the ankle
 - Can be worn at night
- Padding made of temperature-regulating material
 - Good fit, temperature regulating

Indications

- Hallux valgus (malposition of the metatarsophalangeal joint of the big toe)

Modes of action

- Promotes the muscular correction of toe positioning
- Can relieve pain

Technical data

Article number	Size	Side
510=L-U	Universal	left (L)
510=R-U	Universal	right (R)



Further information on accessories and spare parts is found in section 7.

502 Elastic ankle support

Wraparound support with hook-and-loop closure, stabilises the ankle

Features and benefits

- Wraparound support with hook-and-loop closure
 - Individually adjustable
- Slim design
 - Wearable in shoes and during simple activities (e.g. running)

Indications

- Irritation and swelling of the ankle joint
- Feeling of instability/ligament instability

Modes of action

- Stabilises the ankle
- Can relieve pain

Technical data



Article number	Size	Side	Colour	Ankle circumference
502=XS	XS	both sides	Beige	49-51 cm
502=S	S	both sides	Beige	51-53 cm
502=M	M	both sides	Beige	53-55 cm
502=L	L	both sides	Beige	55-57 cm
502=XL	XL	both sides	Beige	57-59 cm
502=XXL	XXL	both sides	Beige	59-61 cm



Further information on accessories and spare parts is found in section 7.

50S3 Malleo Sprint

Active ankle brace with plastic frame and inelastic straps, stabilises and secures the ankle

Features and benefits

- Combination of plastic frame and strap design
 - High stability, prevents unwanted movements
- Anatomical protrusion in the malleoli area
 - High level of wearer comfort
- Reduced thickness of the base material under the foot, comfortable padding
 - Prevents pressure points
- SpaceTex three-dimensional spacer fabric
 - Also comfortable to wear in shoes, pleasantly soft padding, breathable
- Donning aid and hook closure system
 - Easy to apply and remove

Indications

- Ankle sprain (distortion)
- Chronic instability
- Lateral ligament tear (rupture)
- Medial ligament tear (rupture)

Modes of action

- Stabilises and supports the ankle joint
- Limits eversion/inversion

Technical data



Article number	Size	Side	Colour	Heel circumference
50S3=XS-1	XS	both sides	Grey	25.5 - 28.0 cm
50S3=S-1	S	both sides	Grey	28.0 - 30.5 cm
50S3=M-1	M	both sides	Grey	30.5 - 33.0 cm
50S3=L-1	L	both sides	Grey	33.0 - 35.5 cm
50S3=XL-1	XL	both sides	Grey	35.5 - 38.0 cm



Accessories

29S46	Gel pad set for Malleo Direxa Stirrup
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Spareparts

29S46	Gel pad set for Malleo Direxa Stirrup
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Further information on accessories and spare parts is found in section 7.

50S9 Malleo Direxa Stirrup

Ankle brace with insertable cooling pads, stabilises the ankle

Features and benefits

- Optional use of cooling elements or padding
 - Cooling in the acute phase and high level of wearer comfort
- Circular hook-and-loop closures
 - Easy to apply and remove
- Slim shell design
 - Wearable with or without shoe

Indications

- Lateral ligament tear (rupture)
- Ankle sprain (distortion)
- Acute instability

Modes of action

- Stabilises the ankle
- Limits eversion/inversion

Technical data



Article number	Side	Shoe size europe
50S9	both sides	Universal



Further information on accessories and spare parts is found in section 7.

50S8 Malleo TriStep

Multifunction ankle brace according to three-stage treatment concept, stabilises and secures the ankle according to the treatment stage

Features and benefits

- Three-phase fitting concept
 - Specific adaptation of stabilisation and support for mobilisation during the course of therapy
- Stabilising elements adapt to the individual anatomy
 - Custom fit and high level of wearer comfort
- Auto-adaptive foot shell
 - Limits supination as well as plantar flexion and provides stability, especially in critical phases such as during sleep or in the acute phase
- Orthotic design
 - Components can be added or removed without the use of tools in a few steps

Indications

- Ankle injuries
- Acute and chronic capsular ligament instability
- Inflammatory joint disease
- Degenerative ankle disease
- Post-operative care following ankle surgery
- Collateral ligament tear (rupture)

Modes of action

- Stabilises and supports the ankle joint, adapted to the healing phase
- Protects against inversion/eversion
- Can reduce recurrent injuries

Technical data



Article number	Size	Shoe size europe
50S8=S	S	36-39
50S8=M	M	40-44
50S8=L	L	45-48



Spareparts

29S1	Hook-and-loop closure
29S2	Strap piece

Further information on accessories and spare parts is found in section 7.

50S1 Dyna Ankle

Dynamic ankle brace with stability shell and pronation position, stabilises the ankle in pronation and dorsiflexion

Features and benefits

- Dorsomedially shaped stability shell with integrated pronation position
 - Initially serves as a prone support, can be worn in a shoe later
- Dynamic strap
 - Enables special active principle
- Exposed outer ankle
 - Immediate application after trauma, ice can be applied for cooling while the brace is being worn
- Water-resistant
 - Easy to clean

Indications

- Lateral ligament tear (rupture)
- Medial ligament tear (rupture)
- Ligament suture/reconstruction

Modes of action

- Stabilises the ankle in a pronation and dorsal extension position
- Adjustable to limit plantar flexion and supination in any position

Technical data



Article number	Side	Shoe size europe
50S1=L35-37	left (L)	35 - 37
50S1=R35-37	right (R)	35 - 37
50S1=L37-39	left (L)	37 - 39
50S1=R37-39	right (R)	37 - 39
50S1=L39-41	left (L)	39 - 41
50S1=R39-41	right (R)	39 - 41
50S1=L41-44	left (L)	41 - 44
50S1=R41-44	right (R)	41 - 44



Further information on accessories and spare parts is found in section 7.

28F10 Heel relief orthosis

Heel relief orthosis from a ready-made kit, relieves the heel bone

Features and benefits

- Ready-to-fit component kit
 - Complete orthosis can be assembled on custom basis
- Heel container
 - Can be adjusted as needed by heating and milling
- Step rubber
 - Ensures comfort by dampening the heel strike
- Pressure build-up and plantar pads
 - Incremental load increase optimises healing
- Longitudinal arch element
 - Allows customised support for the foot and relief of the calcaneus
- Physiological rollover sole
 - Allows a nearly natural gait pattern
- Sporty shoe design
 - Increases acceptance by patients
- Just three sizes
 - Minimises inventory

Indications

- Heel bone fractures, unilateral and bilateral
- Lower ankle arthrodesis

Modes of action

- Relieves the calcaneus
- Promotes early mobilisation
- Prevents muscular atrophy
- Supports neuromuscular functions
- Supports thrombosis prophylaxis through activation of the muscle pump
- Can shorten the period of incapacity for work

Technical data



Article number	Size	Side	Shoe size europe
28F10=S	S	both sides	36 - 41
28F10=M	M	both sides	42 - 46
28F10=L	L	both sides	47 - 50

**Spareparts**

29S45	Night cover for Walker
29S192	Replacement liner for Infinity Air Walker, low
29S39	Rain cover for Walker, low

Further information on accessories and spare parts is found in section 7.

50S23 Infinity Air Walker, low

Immobilisation orthosis with short socket and integrated pump, immobilises the foot/ankle region

Features and benefits

- Fully integrated air pump
 - Tool-free adjustment provides the desired level of compression and stability
- Anti-shock sole
 - Protects the joints and enhances wearer comfort
- Closed frame construction
 - Offers sufficient functional stability
- Non-slip sole
 - For safety when walking
- Wide footbed
 - Offers room for swelling and bandages
- Toe protector
 - Protects against frontal impacts
- Breathable structure
 - Permits air circulation to the liner and promotes patient comfort
- Slatted socket design
 - Prevents pressure sores on the thigh

Indications

- Distal fibula fracture
- Stable forefoot, metatarsal and/or ankle fractures
- Exostosis removal for hallux valgus
- Soft tissue injury of the foot

Modes of action

- Immobilises the foot/ankle area
- Promotes the resorption of oedemas and haematomas with targeted compression

Technical data

Article number	Size	Side	Shoe size europe	Height
50S23=S	S	both sides	36 – 38	23.0 cm
50S23=M	M	both sides	39 – 42	25.0 cm
50S23=L	L	both sides	43 – 46	26.0 cm
50S23=XL	XL	both sides	47+	30.0 cm

**Spareparts**

29S35	Heel wedges in 15°/30° for Walker, high
29S47	Heel wedges for Walker, high
29S45	Night cover for Walker
29S191	Replacement liner for Infinity Air Walker, high
29S38	Rain cover for Walker, high

Further information on accessories and spare parts is found in section 7.

50S19 Infinity Air Walker, high

Immobilisation orthosis with long socket and integrated pump, immobilises the foot/ankle region

Features and benefits

- Low weight
 - Comfortable to wear
- Fully integrated air pump
 - Tool-free adjustment provides the desired level of compression and stability
- Anti-shock sole
 - Protects the joints and enhances wearer comfort
- Closed frame design
 - Offers sufficient functional stability
- Non-slip sole
 - For safety when walking
- Toe protector
 - Protects against frontal impacts
- Breathable structure
 - Allows air to circulate to the liner and promotes patient comfort
- Slatted socket design
 - Prevents pressure sores on the thigh

Indications

- Distal fibula fracture
- Stable forefoot, metatarsal and/or ankle fractures
- Ankle sprain (distortion)
- Soft tissue injury of the foot
- Achilles tendon tear (rupture)

Modes of action

- Immobilises the foot/ankle area
- Promotes the resorption of oedemas and haematomas with targeted compression

Technical data

Article number	Size	Side	Shoe size europe	Height
50S19=S	S	both sides	36 – 38	38.0 cm
50S19=M	M	both sides	39 – 42	42.0 cm
50S19=L	L	both sides	43 – 46	45.0 cm
50S19=XL	XL	both sides	47+	47.0 cm

**Spareparts**

29S45	Night cover for Walker
29S39	Rain cover for Walker, low
29S143	Replacement liner for Malleo Immobil Air Walker, low

Further information on accessories and spare parts is found in section 7.

50S14-1 Malleo Immobil Air Walker, low

Immobilisation orthosis with short socket and integrated pump, immobilises the foot/ankle region

Features and benefits

- Integrated pump
 - Adjustment of compression and stability to the desired level
- Pleasantly soft padding
 - High level of wearer comfort
- Hook-and-loop closures
 - Easy to adjust
- Rounded rollover sole
 - Ensures a physiological, harmonious gait pattern

Indications

- Distal fibula fracture
- Stable forefoot, metatarsal and/or ankle fractures
- Exostosis removal for hallux valgus
- Soft tissue injury of the foot

Modes of action

- Immobilises the foot/ankle area
- Promotes the resorption of oedemas and haematomas with targeted compression

Technical data

Article number	Size	Side	Height	Shoe size europe
50S14-1=S	S	both sides	27.0 cm	31 - 35
50S14-1=M	M	both sides	27.0 cm	36 - 42
50S14-1=L	L	both sides	27.5 cm	43 - 45
50S14-1=XL	XL	both sides	27.5 cm	46 - 50



50S12-1 Malleo Immobil Air Walker, high

Immobilisation orthosis with long socket and integrated pump, immobilises the foot/ankle region

Features and benefits

- Integrated pump
 - Adjustment of compression and stability to the desired level
- Pleasantly soft padding
 - High level of wearer comfort
- Hook-and-loop closures
 - Easy to adjust
- Rounded rollover sole
 - Ensures a physiological, harmonious gait pattern

Indications

- Distal fibula fracture
- Stable forefoot, metatarsal and/or ankle fractures
- Ankle sprain (distortion)
- Soft tissue injury of the foot
- Achilles tendon tear (rupture)

Modes of action

- Immobilises the foot/ankle area
- Promotes the resorption of oedemas and haematomas with targeted compression

Spareparts

29S35	Heel wedges in 15°/30° for Walker, high
29S47	Heel wedges for Walker, high
29S45	Night cover for Walker
29S38	Rain cover for Walker, high
29S142	Replacement liner for Malleo Immobil Air Walker, high

Further information on accessories and spare parts is found in section 7.

Technical data



Article number	Size	Height	Shoe size europe
50S12-1=S	S	38.0 cm	31 - 35
50S12-1=M	M	42.0 cm	36 - 42
50S12-1=L	L	42.5 cm	43 - 45
50S12-1=XL	XL	42.5 cm	46 - 50



50S20-1 Malleo Immobil night splint

Universal immobilisation orthosis with hook-and-loop closure/clip fastener system, positions the foot in slight dorsal extension

Features and benefits

- Hook-and-loop closure/clip fastener system
 - Easy to adapt
- Low weight
 - High level of wearer comfort
- Washable pads and straps
 - Easy to care for and highly hygienic

Indications

- Tendon extensions in the calf musculature
- Functional contracted talipes equinus
- Inflammation of the plantar tendon (plantar fasciitis)
- Tendinopathy
- Irritation of the Achilles tendon

Modes of action

- Positions the foot in slight dorsal extension
- Prevents plantar flexion

Technical data



Article number	Size	Side	Shoe size europe
50S20-1=S	S	both sides	Up to 37
50S20-1=M	M	both sides	38-42
50S20-1=L	L	both sides	From 43
















Further information on accessories and spare parts is found in section 7.



Knee.

Product overview.

Knee.

Ref. number	Product name	Image	Short description	Page
50K4	Agilium Freestep 3.0		Knee osteoarthritis brace for relieving the affected knee compartment; counteracts the forces of varus/valgus malposition	21
50K324	Agilium Reactive		Knee brace with the conventional three-point principle to treat medial or lateral osteoarthritis of the knee	21
50K305	Agilium Forte		Knee brace with open fabric base body and rigid shells to provide relief and reduce pain for patients with osteoarthritis of the knee in the medial or lateral compartment.	22
50K306	Agilium Vantage		Knee brace with open fabric base body and patented dynamic Y system based on the classic 3-point principle, designed to treat osteoarthritis of the knee in the medial or lateral compartment.	22
50K6	Agilium Patella		Knee brace for the treatment of retropatellar osteoarthritis, dynamically realigns the patella at the relevant flexion angle	23
8360	Genu Carezza Patella Stabilizer		Patellar tendon support with adjustable strap system, stabilises the patella and reduces patellar lateralisation as well as pressure on the patella	24
8320N	Patella Pro		Patellar re-alignment brace, dynamically guides the patella in all relevant flexion angles	25
8356	Genu Direxa		Knee stabilisation brace with narrow aluminium splints and polycentric joints, improves neuromuscular function	26
8353	Genu Direxa, open		Open knee stabilisation brace with narrow aluminium splints and polycentric joints, improves neuromuscular function	27
8359	Genu Direxa Stable		Knee stabilisation brace with wide aluminium splints and adjustable polycentric joints for incremental extension and flexion limitation, improves neuromuscular function	28
8368	Genu Direxa Stable, open		Open knee stabilisation brace with wide aluminium splints and adjustable polycentric joints for incremental extension and flexion limitation, improves neuromuscular function	29
50K13	Genu Arexa		Knee stabilisation brace with close-fitting frame and anatomically mouldable plastic shells, guides and stabilises the knee joint in all planes with the option of movement limitation	30
8060	Genu Immobil 0°		Knee brace with lateral and medial side element featuring variable attachment, immobilises the knee joint at a flexion angle of 0°	30
8065	Genu Immobil Vario		ROM knee brace with aluminium splints for immobilisation and gradual buildup of movement with flexion and extension limits at various degrees	31
8066	Genu Immobil Vario T		ROM knee brace with length-adjustable aluminium splints for immobilisation and gradual buildup of movement with flexion and extension limits at various degrees	31



Further information on accessories and spare parts is found in section 7.

50K4 Agilium Freestep 3.0

Knee osteoarthritis brace for relieving the affected knee compartment; counteracts the forces of varus/valgus malposition

Features and benefits

- Adaptive calf brace with quick fastener
 - Adaptable to a wide range of leg shapes and easy to put on and take off
- Lightweight
 - Very comfortable
- Slimline design
 - Inconspicuous under clothing
- Comfortable to wear in a shoe
 - Easy to handle, no slipping on the leg

Indications

- Osteoarthritis of the knee in the medial or lateral compartment

Modes of action

- Relieves pressure on the patellar tendon insertion
- Can relieve pain

Technical data



Article number	Size	Side	Outer joint height	Orthosis version
50K4=3-L-XS	XS	left (L)	53–62 mm	Lateral orthosis
50K4=3-R-XS	XS	right (R)	53–62 mm	Lateral orthosis
50K4=3-L-XS-LG	XS	left (L)	53–62 mm	Medial orthosis
50K4=3-R-XS-LG	XS	right (R)	53–62 mm	Medial orthosis
50K4=3-L-S	S	left (L)	63–72 mm	Lateral orthosis
50K4=3-R-S	S	right (R)	63–72 mm	Lateral orthosis
50K4=3-L-S-LG	S	left (L)	63–72 mm	Medial orthosis
50K4=3-R-S-LG	S	right (R)	63–72 mm	Medial orthosis
50K4=3-L-M	M	left (L)	73–82 mm	Lateral orthosis
50K4=3-R-M	M	right (R)	73–82 mm	Lateral orthosis
50K4=3-L-M-LG	M	left (L)	73–82 mm	Medial orthosis
50K4=3-R-M-LG	M	right (R)	73–82 mm	Medial orthosis
50K4=3-L-L	L	left (L)	83–92 mm	Lateral orthosis
50K4=3-R-L	L	right (R)	83–92 mm	Lateral orthosis
50K4=3-L-L-LG	L	left (L)	83–92 mm	Medial orthosis
50K4=3-R-L-LG	L	right (R)	83–92 mm	Medial orthosis
50K4=3-L-XL	XL	left (L)	93–103 mm	Lateral orthosis
50K4=3-R-XL	XL	right (R)	93–103 mm	Lateral orthosis
50K4=3-L-XL-LG	XL	left (L)	93–103 mm	Medial orthosis
50K4=3-R-XL-LG	XL	right (R)	93–103 mm	Medial orthosis

A = outer joint height



Spareparts

29K317	Strap- and padding set Agilium Reactive
29K316	Pad and tibia pad for Agilium Reactive

Further information on accessories and spare parts is found in section 7.

50K324 Agilium Reactive

Knee brace with the conventional three-point principle to treat medial or lateral osteoarthritis of the knee

Features and benefits

- Universal size and autoadaptive elements
 - Easy treatment
- Low weight and BOA closure in the calf area
 - High level of wearer comfort
- Knee-influencing effect
 - Pain-reducing effect

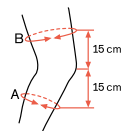
Indications

- Osteoarthritis of the knee in the medial or lateral compartment

Modes of action

- Relieves the medial or lateral knee compartment
- Reduces the varus or valgus moment
- Improves mobility
- Can relieve pain

Technical data



Article number	Size	Side	Colour	Lower leg circumference A	Thigh circumference B
50K324=L-1	Universal	left (L)	Grey	30 - 60 cm	39 - 80 cm
50K324=R-1	Universal	right (R)	Grey	30 - 60 cm	39 - 80 cm



Further information on accessories and spare parts is found in section 7.

50K305 Agilium Forte

Knee brace with open fabric base body and rigid shells to provide relief and reduce pain for patients with osteoarthritis of the knee in the medial or lateral compartment.

Indications

- Osteoarthritis of the knee in the medial or lateral compartment

Modes of action

- Relieves pressure on the patellar tendon insertion
- Can relieve pain

Technical data

Article number	Size	Lower leg circumference A	Thigh circumference B	Side	Orthosis version
50K305=L-XS-S-LO	XS/S	28 - 36 cm	36 - 46 cm	left (L)	Lateral orthosis
50K305=R-XS-S-LO	XS/S	28 - 36 cm	36 - 46 cm	right (R)	Lateral orthosis
50K305=L-XS-S-MO	XS/S	28 - 36 cm	36 - 46 cm	left (L)	Medial orthosis
50K305=R-XS-S-MO	XS/S	28 - 36 cm	36 - 46 cm	right (R)	Medial orthosis
50K305=L-M-L-LO	M/L	36 - 46 cm	46 - 60 cm	left (L)	Lateral orthosis
50K305=R-M-L-LO	M/L	36 - 46 cm	46 - 60 cm	right (R)	Lateral orthosis
50K305=L-M-L-MO	M/L	36 - 46 cm	46 - 60 cm	left (L)	Medial orthosis
50K305=R-M-L-MO	M/L	36 - 46 cm	46 - 60 cm	right (R)	Medial orthosis
50K305=L-XL-3XL-LO	XL/3XL	46 - 61 cm	60 - 81 cm	left (L)	Lateral orthosis
50K305=R-XL-3XL-LO	XL/3XL	46 - 61 cm	60 - 81 cm	right (R)	Lateral orthosis
50K305=L-XL-3XL-MO	XL/3XL	46 - 61 cm	60 - 81 cm	left (L)	Medial orthosis
50K305=R-XL-3XL-MO	XL/3XL	46 - 61 cm	60 - 81 cm	right (R)	Medial orthosis



Further information on accessories and spare parts is found in section 7.

50K306 Agilium Vantage

Knee brace with open fabric base body and patented dynamic Y system based on the classic 3-point principle, designed to treat osteoarthritis of the knee in the medial or lateral compartment.

Indications

- Osteoarthritis of the knee in the medial or lateral compartment

Modes of action

- Relieves pressure on the patellar tendon insertion
- Can relieve pain

Technical data

Article number	Size	Lower leg circumference A	Thigh circumference B	Side	Orthosis version
50K306=L-XS-S-LO	XS/S	28 - 36 cm	36 - 46 cm	left (L)	Lateral orthosis
50K306=R-XS-S-LO	XS/S	28 - 36 cm	36 - 46 cm	right (R)	Lateral orthosis
50K306=L-XS-S-MO	XS/S	28 - 36 cm	36 - 46 cm	left (L)	Medial orthosis
50K306=R-XS-S-MO	XS/S	28 - 36 cm	36 - 46 cm	right (R)	Medial orthosis
50K306=L-M-L-LO	M/L	36 - 46 cm	46 - 60 cm	left (L)	Lateral orthosis
50K306=R-M-L-LO	M/L	36 - 46 cm	46 - 60 cm	right (R)	Lateral orthosis
50K306=L-M-L-MO	M/L	36 - 46 cm	46 - 60 cm	left (L)	Medial orthosis
50K306=R-M-L-MO	M/L	36 - 46 cm	46 - 60 cm	right (R)	Medial orthosis
50K306=L-XL-3XL-LO	XL/3XL	46 - 61 cm	60 - 81 cm	left (L)	Lateral orthosis
50K306=R-XL-3XL-LO	XL/3XL	46 - 61 cm	60 - 81 cm	right (R)	Lateral orthosis
50K306=L-XL-3XL-MO	XL/3XL	46 - 61 cm	60 - 81 cm	left (L)	Medial orthosis
50K306=R-XL-3XL-MO	XL/3XL	46 - 61 cm	60 - 81 cm	right (R)	Medial orthosis



Spareparts

29K129 Sports cover for Patella Pro

Further information on accessories and spare parts is found in section 7.

50K6 Agilium Patella

Knee brace for the treatment of retropatellar osteoarthritis, dynamically realigns the patella at the relevant flexion angle

Features and benefits

- Padded patella support
 - Very comfortable even for users with a sensitive patella
- Dynamic patellar realignment
 - Precise patellar tracking at all relevant flexion angles
- Hook-and-loop and ratchet settings
 - Can be adjusted to each individual patient's requirements
- Close-fitting, inconspicuous and lightweight design
 - Easy to wear under clothing, highly suited to everyday use
- Quick-release closures and donning aids
 - Easy to apply and remove
- Breathable textile material with unique Vector-Grip effect
 - High level of wearer comfort without slippage
- Initial adaptation in a few steps
 - Can be adapted to the patient quickly and easily

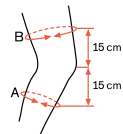
Indications

- Joint wear behind the patella (retropatellar osteoarthritis)

Modes of action

- Dynamically realigns the patella at the relevant flexion angle
- Reduces patellar lateralisation
- Relieves pressure on the patella
- Relieves the knee joint and activates musculature
- Improves proprioception
- Supports sensorimotor function
- Improves circulation
- Promotes the reduction of oedemas and haematomas
- Can relieve pain

Technical data



Article number	Size	Side	Lower leg circumference A	Thigh circumference B
50K6=L-XS-1	XS	left (L)	32 - 35 cm	40 - 44 cm
50K6=R-XS-1	XS	right (R)	32 - 35 cm	40 - 44 cm
50K6=L-S-1	S	left (L)	35 - 38 cm	44 - 48 cm
50K6=R-S-1	S	right (R)	35 - 38 cm	44 - 48 cm
50K6=L-M-1	M	left (L)	38 - 41 cm	48 - 52 cm
50K6=R-M-1	M	right (R)	38 - 41 cm	48 - 52 cm
50K6=L-L-1	L	left (L)	41 - 44 cm	52 - 56 cm
50K6=R-L-1	L	right (R)	41 - 44 cm	52 - 56 cm
50K6=L-XL-1	XL	left (L)	44 - 48 m	56 - 61 cm
50K6=R-XL-1	XL	right (R)	44 - 48 cm	56 - 61 cm
50K6=L-XXL-1	XXL	left (L)	48 - 52 cm	61 - 65 cm
50K6=R-XXL-1	XXL	right (R)	48 - 52 cm	61 - 65 cm



Further information on accessories and spare parts is found in section 7.

8360 Genu Carezza Patella Stabilizer

Patellar tendon support with adjustable strap system, stabilises the patella and reduces patellar lateralisation as well as pressure on the patella

Features and benefits

- Innovative TriTech material
 - High level of wearer comfort without slipping
- C-shaped pad is adjusted with two X-shaped straps
 - Optimised patellar stability
- Slim patellar tendon support
 - Very good for wearing under clothing and especially well-suited for everyday use

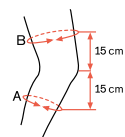
Indications

- Patellofemoral pain syndrome
 - Chondromalacia patellae Patellar chondropathy Joint wear behind the patella (retropatellar osteoarthritis)
- Patellofemoral maltracking
- Patella dislocation/subluxation
- Follow-up treatment after lateral release operation

Modes of action

- Stabilises the patella
- Reduces patellar lateralisation in trochlear dysplasia
- Relieves pressure on the patella
- Can relieve pain

Technical data



Article number	Size	Side	Circumference A	Circumference B
8360=XXS-7	XXS	both sides	29 - 32 cm	36 - 40 cm
8360=XS-7	XS	both sides	32 - 35 cm	40 - 44 cm
8360=S-7	S	both sides	35 - 38 cm	44 - 48 cm
8360=M-7	M	both sides	38 - 41 cm	48 - 52 cm
8360=L-7	L	both sides	41 - 44 cm	52 - 56 cm
8360=XL-7	XL	both sides	44 - 48 cm	56 - 61 cm
8360=XXL-7	XXL	both sides	48 - 51 cm	61 - 67 cm

**Accessories**

29K129	Sports cover for Patella Pro
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Spareparts

29K283	Patella support
29K284	Strap set for Patella Pro

Further information on accessories and spare parts is found in section 7.

8320N Patella Pro

Patellar re-alignment brace, dynamically guides the patella in all relevant flexion angles

Features and benefits

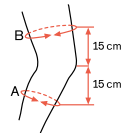
- Proven dynamic patella re-alignment
 - Precise patellar tracking in flexion and extension
- Finely varied ratchet adjustment of the patella support
 - Can be individually adjusted to the patient in a few easy steps
- Auto-adaptive padded patella support
 - Comfortable, customised position on the patella and correct patellar tracking
- Auto-adaptive medial and lateral bar
 - Excellent adaptation to leg shape
- Slim, lightweight design combined with a breathable, unique fabric
 - Fits firmly and is easy to wear under clothing

Indications

- Patellofemoral pain syndrome
 - Chondromalacia patellae Patellar chondropathy Joint wear behind the patella (retropatellar osteoarthritis)
- Patellofemoral maltracking
- Joint wear behind the patella (retropatellar osteoarthritis)
- Chondromalacia patellae
- Patellar chondropathy
- Patella dislocation/subluxation
- Patellar tendon injury (lesion)
- Anterior knee pain after knee surgery, (e.g. total knee replacement, lateral release knee surgery)

Modes of action

- Dynamically realigns the patella at the relevant flexion angle
- Reduces patellar lateralisation
- Relieves pressure on the patella
- Relieves the knee joint and activates musculature
- Improves proprioception
- Supports sensorimotor function
- Promotes the reduction of oedemas and haematomas
- Can relieve pain

Technical data

Article number	Size	Side	Lower leg circumference A	Thigh circumference B
8320N=L-XXS	XXS	left (L)	29 - 32 cm	36 - 40 cm
8320N=R-XXS	XXS	right (R)	29 - 32 cm	36 - 40 cm
8320N=L-XS	XS	left (L)	32 - 35 cm	40 - 44 cm
8320N=R-XS	XS	right (R)	32 - 35 cm	40 - 44 cm
8320N=L-S	S	left (L)	35 - 38 cm	44 - 48 cm
8320N=R-S	S	right (R)	35 - 38 cm	44 - 48 cm
8320N=L-M	M	left (L)	38 - 41 cm	48 - 52 cm
8320N=R-M	M	right (R)	38 - 41 cm	48 - 52 cm
8320N=L-L	L	left (L)	41 - 44 cm	52 - 56 cm
8320N=R-L	L	right (R)	41 - 44 cm	52 - 56 cm
8320N=L-XL	XL	left (L)	44 - 48 cm	56 - 61 cm
8320N=R-XL	XL	right (R)	44 - 48 cm	56 - 61 cm
8320N=L-XXL	XXL	left (L)	48 - 52 cm	61 - 65 cm
8320N=R-XXL	XXL	right (R)	48 - 52 cm	61 - 65 cm



Further information on accessories and spare parts is found in section 7.

8356 Genu Direxa

Knee stabilisation brace with narrow aluminium splints and polycentric joints, improves neuromuscular function

Features and benefits

- Narrow aluminium splints and polycentric joints
 - Moderate stability of the knee without limitation of movement
- Innovative TriTech material
 - High level of wearer comfort, secure fit
- Two elastic straps for optional use
 - Optimum fit for any leg shape
- Covered joint bars
 - Suitable for contact sports
- Open design
 - Easy to put on and take off
- Lateral and medial grips
 - Straightforward positioning of the brace

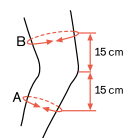
Indications

- Knee pain with mild ligament laxity
 - Posttraumatic and postoperative ligament laxity and/or feeling of instability
 - Osteoarthritis of the knee with initial to moderate degenerative ligament instability and/or slight to moderate feeling of instability
 - Rheumatoid arthritis

Modes of action

- Improves neuromuscular function with targeted compression
- Relieves and stabilises the knee joint
- Improves proprioception
- Supports sensorimotor function
- Promotes the reduction of oedemas and haematomas
- Can relieve pain

Technical data



Article number	Size	Side	Lower leg circumference A	Thigh circumference B
8356=XXS-7	XXS	both sides	29 - 32 cm	36 - 40 cm
8356=XS-7	XS	both sides	32 - 35 cm	40 - 44 cm
8356=S-7	S	both sides	35 - 38 cm	44 - 48 cm
8356=M-7	M	both sides	38 - 41 cm	48 - 52 cm
8356=L-7	L	both sides	41 - 44 cm	52 - 56 cm
8356=XL-7	XL	both sides	44 - 48 cm	56 - 61 cm
8356=XXL-7	XXL	both sides	48 - 51 cm	61 - 67 cm



Further information on accessories and spare parts is found in section 7.

8353 Genu Direxa, open

Open knee stabilisation brace with narrow aluminium splints and polycentric joints, improves neuromuscular function

Features and benefits

- Open design
 - Easy to apply and remove
- Narrow aluminium splints and polycentric joints
 - Moderate stability of the knee without limitation of movement
- Innovative TriTech material
 - High level of wearer comfort, secure fit
- Two elastic straps for optional use
 - Optimum fit for any leg shape

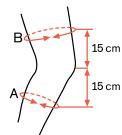
Indications

- Knee pain with mild ligament laxity
 - Posttraumatic and postoperative ligament laxity and/or feeling of instability
 - Osteoarthritis of the knee with initial to moderate degenerative ligament instability and/or slight to moderate feeling of instability
 - Rheumatoid arthritis

Modes of action

- Improves neuromuscular function with targeted compression
- Relieves and stabilises the knee joint
- Improves proprioception
- Supports sensorimotor function
- Promotes the reduction of oedemas and haematomas
- Can relieve pain

Technical data



Article number	Size	Side	Lower leg circumference A	Thigh circumference B
8353=XXS-7	XXS	both sides	29 - 32 cm	36 - 40 cm
8353=XS-7	XS	both sides	32 - 35 cm	40 - 44 cm
8353=S-7	S	both sides	35 - 38 cm	44 - 48 cm
8353=M-7	M	both sides	38 - 41 cm	48 - 52 cm
8353=L-7	L	both sides	41 - 44 cm	52 - 56 cm
8353=XL-7	XL	both sides	44 - 48 cm	56 - 61 cm
8353=XXL-7	XXL	both sides	48 - 51 cm	61 - 67 cm



Further information on accessories and spare parts is found in section 7.

8359 Genu Direxa Stable

Knee stabilisation brace with wide aluminium splints and adjustable polycentric joints for incremental extension and flexion limitation, improves neuromuscular function

Features and benefits

- Wide aluminium splints and polycentric joints
 - Moderate stability of the knee with movement limitation in extension and flexion
- Click-2-Go system
 - Extension and flexion limits easy to adjust without tools
- Innovative TriTech material
 - High level of wearer comfort, secure fit
- Four inelastic, circumferential straps
 - Optimum fit and stronger support
- Concealed joint bars
 - Suitable for contact sports

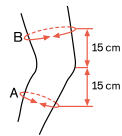
Indications

- Knee pain with severe or complex ligament laxity
 - Cruciate ligament tear (rupture)/reconstruction (ACL and/or PCL) Post-traumatic and postoperative instability Collateral ligament injury Joint wear in the knee joint (osteoarthritis of the knee) Rheumatoid arthritis

Modes of action

- Improves neuromuscular function with targeted compression
- Relieves, stabilises and supports the knee joint
- Prevents hyperextension of the knee joint
- Adjustable to limit the range of motion in extension and flexion (ROM): flexion: 0°/10°/20°/30°/45°/60°/75°/90° extension: 0°/10°/20°/30°/45°
- Improves proprioception
- Supports sensorimotor function
- Promotes the reduction of oedemas and haematomas
- Can relieve pain

Technical data



Article number	Size	Side	Lower leg circumference A	Thigh circumference B
8359=XXS-7	XXS	both sides	29 - 32 cm	36 - 40 cm
8359=XS-7	XS	both sides	32 - 35 cm	40 - 44 cm
8359=S-7	S	both sides	35 - 38 cm	44 - 48 cm
8359=M-7	M	both sides	38 - 41 cm	48 - 52 cm
8359=L-7	L	both sides	41 - 44 cm	52 - 56 cm
8359=XL-7	XL	both sides	44 - 48 cm	56 - 61 cm
8359=XXL-7	XXL	both sides	48 - 51 cm	61 - 67 cm



Further information on accessories and spare parts is found in section 7.

8368 Genu Direxa Stable, open

Open knee stabilisation brace with wide aluminium splints and adjustable polycentric joints for incremental extension and flexion limitation, improves neuromuscular function

Features and benefits

- Open design
 - Easy to apply and remove
- Wide aluminium splints and polycentric joints
 - Moderate stability of the knee with movement limitation in extension and flexion
- Click-2-Go system
 - Extension and flexion limits easy to adjust without tools
- Innovative TriTech material
 - High level of wearer comfort, secure fit
- Four inelastic, circumferential straps
 - Optimum fit and stronger support
- Concealed joint bars
 - Suitable for contact sports

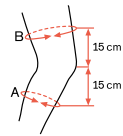
Indications

- Knee pain with severe or complex ligament laxity
 - Cruciate ligament tear (rupture)/reconstruction (ACL and/or PCL) Post-traumatic and postoperative instability Collateral ligament injury Joint wear in the knee joint (osteoarthritis of the knee) Rheumatoid arthritis

Modes of action

- Improves neuromuscular function with targeted compression
- Relieves and stabilises the knee joint
- Prevents hyperextension of the knee joint
- Adjustable to limit the range of motion in extension and flexion (ROM):
flexion: 0°/10°/20°/30°/45°/60°/75°/90° extension: 0°/10°/20°/30°/45°
- Improves proprioception
- Supports sensorimotor function
- Promotes the reduction of oedemas and haematomas
- Can relieve pain

Technical data



Article number	Size	Side	Lower leg circumference A	Thigh circumference B
8368=XXS-7	XXS	both sides	29 - 32 cm	26 - 40 cm
8368=XS-7	XS	both sides	32 - 35 cm	40 - 44 cm
8368=S-7	S	both sides	35 - 38 cm	44 - 48 cm
8368=M-7	M	both sides	38 - 41 cm	48 - 52 cm
8368=L-7	L	both sides	41 - 44 cm	52 - 56 cm
8368=XL-7	XL	both sides	44 - 48 cm	56 - 61 cm
8368=XXL-7	XXL	both sides	48 - 51 cm	61 - 67 cm



Spareparts

29K110	Service set for Genu Arexa
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Further information on accessories and spare parts is found in section 7.

50K13 Genu Arexa

Knee stabilisation brace with close-fitting frame and anatomically mouldable plastic shells, guides and stabilises the knee joint in all planes with the option of movement limitation

Features and benefits

- Click-2-Go system
 - Extension and flexion limits easy to adjust without tools
- Auto-adaptive plastic shells
 - Excellent adaptation to leg shape
- Anatomically shaped shin pad can be adjusted in height if needed (e.g. after surgery)
 - Secure relief for the sensitive tibia region
- Close-fitting frame made of highstrength aluminium alloy
 - Highest stability and torsional stiffness for everyday activities
- Applied from the front
 - Easy, pain-free application and removal even if movement is impaired
- Pre-adjusted straps and padding (“ready to fit”)
 - Can be adapted to the patient quickly and easily

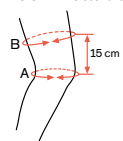
Indications

- Knee pain with severe or complex ligament laxity
 - Cruciate ligament tear (rupture)/reconstruction (ACL and/or PCL) Post-traumatic and postoperative instability Collateral ligament injury Joint wear in the knee joint (osteoarthritis of the knee) Rheumatoid arthritis
- Cruciate ligament tear (rupture)/reconstruction (ACL and/or PCL)

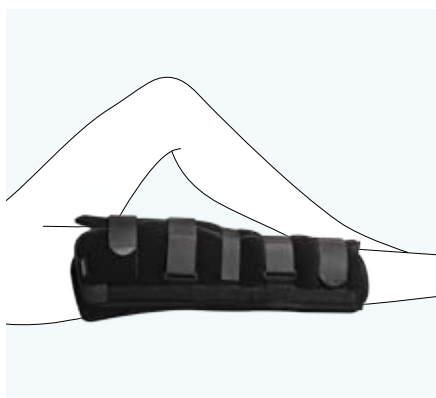
Modes of action

- Guides and stabilises the knee joint in all planes
- Limits anterior and posterior drawer sign
- Reduces collateral instability
- Adjustable to limit the range of motion in extension and flexion (ROM): flexion: 0°/10°/20°/30°/45°/60°/75°/90° extension: 0°/10°/20°/30°/45°
- Prevents hyperextension of the knee joint

Technical data



Article number	Size	Side	Knee circumference A	Thigh circumference B
50K13=L-S	S	left (L)	32 - 37 cm	39 - 46 cm
50K13=R-S	S	right (R)	32 - 37 cm	39 - 46 cm
50K13=L-M	M	left (L)	37 - 41 cm	46 - 53 cm
50K13=R-M	M	right (R)	37 - 41 cm	46 - 53 cm
50K13=L-L	L	left (L)	41 - 46 cm	53 - 61 cm
50K13=R-L	L	right (R)	41 - 46 cm	53 - 61 cm
50K13=L-XL	XL	left (L)	46 - 50 cm	61 - 69 cm
50K13=R-XL	XL	right (R)	46 - 50 cm	61 - 69 cm
50K13=L-XXL	XXL	left (L)	50 - 56 cm	69 - 79 cm
50K13=R-XXL	XXL	right (R)	50 - 56 cm	69 - 79 cm



Further information on accessories and spare parts is found in section 7.

8060 Genu Immobil 0°

Knee brace with lateral and medial side element featuring variable attachment, immobilises the knee joint at a flexion angle of 0°

Features and benefits

- Lateral and medial side element featuring variable attachment
 - Individually adaptable to the leg circumference
- Hook-and-loop functional elements
 - Adaptable without the use of tools
- Available in four lengths
 - Optimum patient-friendly fitting
- Optional cooling pad holder
 - Straightforward cooling of the knee is possible

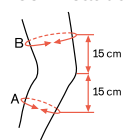
Indications

- Postoperative and posttraumatic immobilisation of the knee joint
 - Injury of the knee joint Knee ligament injuries and ligament reconstruction

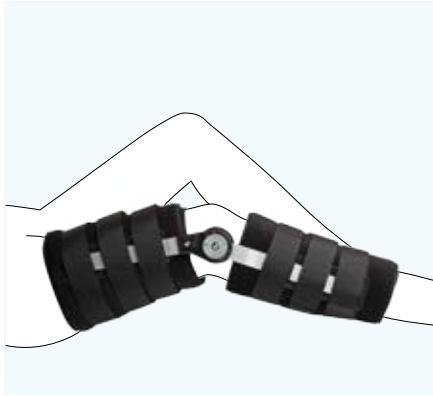
Modes of action

- Immobilises the knee joint at 0° flexion angle
- Reduces collateral instability

Technical data



Article number	Size	Length	Lower leg circumference A	Thigh circumference B
8060=S-7	S	40 cm	35 - 55 cm	42 - 62 cm
8060=M-7	M	50 cm	40 - 60 cm	48 - 68 cm
8060=L-7	L	60 cm	42 - 62 cm	52 - 72 cm
8060=XL-7	XL	70 cm	45 - 65 cm	55 - 75 cm



Further information on accessories and spare parts is found in section 7.

8065 Genu Immobil Vario

ROM knee brace with aluminium splints for immobilisation and gradual buildup of movement with flexion and extension limits at various degrees

Features and benefits

- Aluminium splints and ROM joints
 - Knee stability and movement limitation in extension and flexion
- Adjustable mobilisation in 10° increments
 - Straightforward follow-up treatment, easy to adjust
- Hook-and-loop functional elements
 - Adaptable without the use of tools
- Soft, washable and dirt-resistant pads
 - High wearer comfort

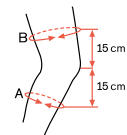
Indications

- Postoperative and posttraumatic immobilisation of the knee joint
 - Injury of the knee joint Knee ligament injuries and ligament reconstruction
- Injury of the knee joint
- Knee ligament injuries and ligament reconstruction
- Patella dislocation

Modes of action

- Immobilises the knee joint in adjustable positions (ROM), flexion: 0° to 120°, extension: 0° to 90°
- Allows early mobilisation of the patient through gradual increases in the range of motion in 10° increments
- Stabilises the capsular ligaments in the knee joint

Technical data



Article number	Size	Length	Lower leg circumference A	Thigh circumference B
8065=7	Universal	55 cm	Max. 52 cm	Max. 70 cm



Further information on accessories and spare parts is found in section 7.

8066 Genu Immobil Vario T

ROM knee brace with length-adjustable aluminium splints for immobilisation and gradual buildup of movement with flexion and extension limits at various degrees

Features and benefits

- Length-adjustable telescoping splints made of aluminium
 - Individually adaptable to leg length
- Aluminium splints and ROM joints
 - Knee stability and movement limitation in extension and flexion
- Adjustable mobilisation in 10° increments
 - Straightforward follow-up treatment, easy to adjust
- Hook-and-loop functional elements
 - Adaptable without the use of tools
- Soft, washable and dirt-resistant pads
 - High level of wearer comfort

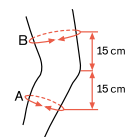
Indications

- Postoperative and posttraumatic immobilisation of the knee joint
 - Injury of the knee joint Knee ligament injuries and ligament reconstruction
- Patella dislocation

Modes of action

- Immobilises the knee joint in adjustable positions (ROM), flexion: 0° to 120°, extension: 0° to 90°
- Allows early mobilisation of the patient through gradual increases in the range of motion in 10° increments
- Stabilises the capsular ligaments in the knee joint

Technical data



Article number	Size	Length	Lower leg circumference A	Thigh circumference B
8066=7	Universal	55 - 64 cm	Max. 52 cm	Max. 70 cm




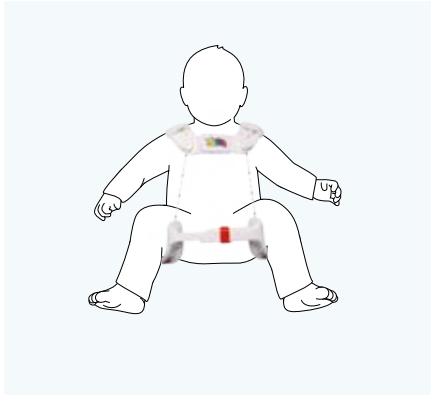


Hip.

Product overview.

Hip.

Ref. number	Product name	Image	Short description	Page
28L10	Tubingen hip flexion and abduction orthosis	 A line drawing of a child from the waist down, wearing a white hip orthosis. The orthosis consists of two white cups that hold the hips in a wide, abducted position, connected by a central bar. The child's legs are spread apart, and the orthosis is secured with straps.	Hip orthosis according to Professor Bernau for maturation of hip joints in infants (1 to 12 months)	35



28L10 Tubingen hip flexion and abduction orthosis

Hip orthosis according to Professor Bernau for maturation of hip joints in infants (1 to 12 months)

Features and benefits

- The thigh shells are connected to the shoulder harness with two beaded cords
- Beaded cords with coloured markings
- Spreader bar with scale
 - Individual and reproducible flexion and abduction settings possible
- Straightforward closure technology
- Frontal hook-and-loop closure and shoulder pad can be removed completely and replaced with enclosed extra components
 - Cleaning of components that are susceptible to dirt without interrupting therapy
- Waterproof and resistant to salt water
 - Easy to clean and suitable for everyday use

Indications

- Hip dysplasia without instability (children aged up to 12 months) – hip types IIa, IIb and IIc, stable according to Graf

Modes of action

- Positions the hip joints in the proven spread-squat position with flexion of over 90° and moderate abduction of 30° to 45°

Technical data

Article number	Size	Age of infant
28L10=S	S	Approx. 1 month
28L10=M	M	Approx. 2–5 months
28L10=L	L	Approx. 6–12 months

Spareparts

29Y191	Beaded cord for Tubingen hip flexion and abduction orthosis
29L99-1	Shoulder pad set for Tubingen hip flexion and abduction orthosis
29L95	Shoulder harness closure for Tubingen hip flexion and abduction orthosis
29L106	Textile cover for thigh shells for Tubingen hip flexion and abduction orthosis





Further information on accessories and spare parts is found in section 7.

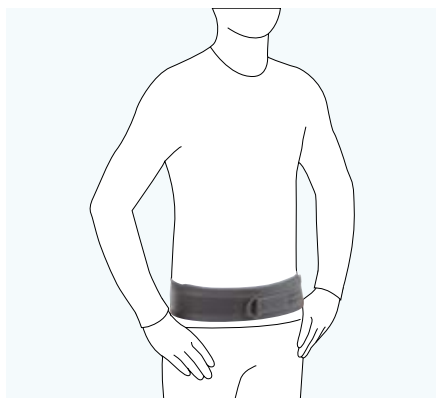


Pelvis, back and torso.

Product overview.

Pelvis, back and torso.

Ref. number	Product name	Image	Short description	Page
50R236	Smartspine SI Support		Brace for stabilising the pelvic girdle, immobilises the sacroiliac joint and symphysis	39
50R40	Lumbo Carezza		Lumbar brace with 24 cm dorsal height, supports sensorimotor function and activates muscular stabilisation	39
50R50	Lumbo Direxa		Lumbar brace with 24 cm dorsal height, supports sensorimotor function and activates muscular stabilisation	40
50R51	Lumbo Direxa Women		Waisted lumbar brace with 24 cm dorsal height, supports sensorimotor function and activates muscular stabilisation	41
50R54	Lumbo Direxa Stable		Lumbar brace with 28 cm dorsal height, supports sensorimotor function and activates muscular stabilisation	42
50R233	Smartspine LSO low		Lumbar brace with pulley system and 25 cm dorsal height, relieves the lumbar spine with optimum compression	43
50R30N	Lumbo TriStep		Bridging brace with mobilisation function in three phases, supports sensorimotor function and activates muscular stabilisation	44
50R235	Smartspine LSO standard		Lumbar brace with pulley system and 36 cm dorsal height, relieves the lumbar spine with optimum compression	45
50R52	Lumbo Direxa High		Lumbar brace with 32 cm dorsal height, supports sensorimotor function and activates muscular stabilisation	46
50R232	Smartspine LSO high		Lumbar brace with pulley system and 36-39 cm dorsal height, additional front and side pads, relieves the lumbar spine with optimum compression	47
50R49	Dorso Carezza Posture		Thoracic brace with coil springs, supports sensorimotor function and activates muscular straightening of the torso	48
50R59	Dorso Direxa Posture		Thoracic-lumbar brace with two metal rods and two plastic stabilisation rods, supports sensorimotor function and activates muscular straightening of the torso	49
50R231	Smartspine extension brace		Thoracolumbar brace with pulley system, straightens the thoracic spine and activates muscular stabilisation	50
28R140N	Dorso Arexa		Hyperextension brace with functional design, reclines the spine at the thoracolumbar transition	50
28R14	Hyperextension brace		Hyperextension brace according to the three-point principle, reclines the spine at the thoracolumbar transition	51
28R16	Hyperextension brace		Hyperextension brace in frame construction with flexible pelvic band that can be fixed in place, reclines the spine at the thoracolumbar transition	51
50R230	Smartspine TLSO		Thoracolumbar brace with pulley system, straightens the thoracic spine and activates muscular stabilisation	52



Further information on accessories and spare parts is found in section 7.

50R236 Smartspine SI Support

Brace for stabilising the pelvic girdle, immobilises the sacroiliac joint and symphysis

Features and benefits

- Mechanical advantage pulley system
 - Direct all-round compression stabilises the sacroiliac joint
- One-hand pull system
 - Compresses and conforms to individual patient anatomy
- Removable pads
 - Excellent for symphysis dysfunction during and after pregnancy with pads removed
- Discreet design
 - Easy to wear under clothing

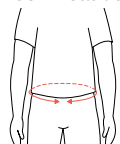
Indications

- Lumbar radiculopathy (sciatica)
- Irritation of the sacroiliac (SI) joint
- Instability of the sacroiliac (SI) joint
- Symphysis strain

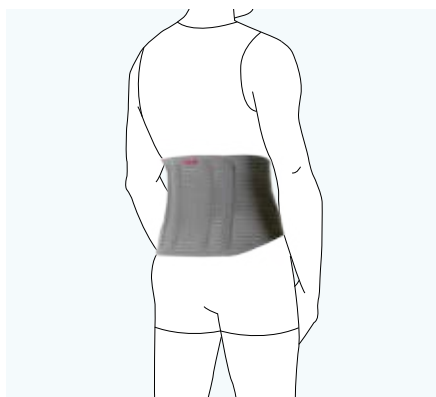
Modes of action

- Stabilises the pelvic girdle by immobilising the sacroiliac joint and symphysis
- Helps relieve pain
- The removable pads improve blood circulation and are anticonvulsant

Technical data



Article number	Size	Pelvis circumference
50R236=S/M	S/M	up to 89.0 cm
50R236=L	L	89.0 - 127.0 cm



Spareparts

29R343	Pad for back orthoses
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Further information on accessories and spare parts is found in section 7.

50R40 Lumbo Carezza

Lumbar brace with 24 cm dorsal height, supports sensorimotor function and activates muscular stabilisation

Features and benefits

- 24 cm dorsal height
 - Targeted support for the lumbar spine
- Breathable material
 - Skin-friendly
- Four auto-adaptive plastic stabilisation rods
 - Optimum adaptation to anatomical conditions and light stabilisation
- Anatomical fit
 - Optimum fit, no pressure or slipping
- Closure with ergonomic hand loops
 - Easy to apply and remove
- Can be used with 29R343 pad set
 - Optional friction massage stimulates microcirculation

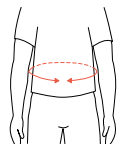
Indications

- Low back pain
- Lumbar radiculopathy (sciatica)
- Ligamentosis in the area of the lumbar spine
- Muscle imbalance of the lumbar spine
- Degenerative changes in the lumbar spine
- Spondylarthrosis of the lumbar spine
- Facet syndrome of the lumbar spine
- Osteochondrosis of the lumbar spine
- Irritation of the sacroiliac (SI) joint

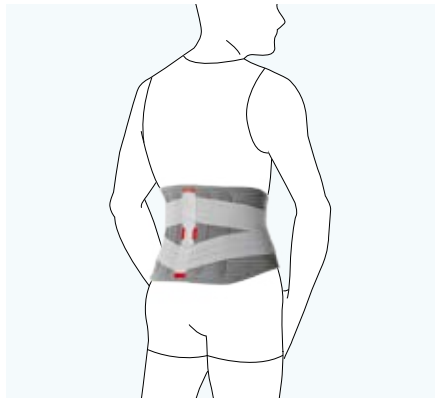
Modes of action

- Supports sensorimotor function and activates muscular stabilisation
- Relieves the lumbar spine
- Promote muscle activity
- Can relieve pain

Technical data



Article number	Size	Body circumference
50R40=XS	XS	70 - 80 cm
50R40=S	S	80 - 90 cm
50R40=M	M	90 - 100 cm
50R40=L	L	100 - 110 cm
50R40=XL	XL	110 - 120 cm
50R40=XXL	XXL	120 - 130 cm



Spareparts

29R343	Pad for back orthoses
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Further information on accessories and spare parts is found in section 7.

50R50 Lumbo Direxa

Lumbar brace with 24 cm dorsal height, supports sensorimotor function and activates muscular stabilisation

Features and benefits

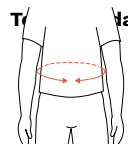
- 24 cm dorsal height
 - Targeted support for the lumbar spine
- Skin-friendly and breathable material
 - High level of wearer comfort
- Four auto-adaptive plastic stabilisation rods
 - Optimum adaptation to anatomical conditions
- Two individually adjustable elastic straps
 - Moderate stability on the spine
- Anatomical fit
 - Optimum fit, no pressure or slipping
- Very light, non-bulky design
 - Very good to wear under clothing
- Can be used with 29R343 pad set
 - Optional friction massage stimulates microcirculation

Indications

- Low back pain
- Lumbar radiculopathy (sciatica)
- Muscle imbalance of the lumbar spine
- Degenerative changes in the lumbar spine
- Osteochondrosis of the lumbar spine
- Facet joint syndrome of the lumbar spine
- Intervertebral disc protrusion from L4 to S1
- Intervertebral disc prolapse from L4 to S1
- Discectomy in the area of L4 to S1
- Irritation of the sacroiliac (SI) joint

Modes of action

- Supports sensorimotor function
- Activates muscular stabilisation
- Relieves the lumbar spine
- Improves circulation
- Promote muscle activity
- Can relieve pain



Article number	Size	Body circumference
50R50=XS	XS	70 - 80 cm
50R50=S	S	80 - 90 cm
50R50=M	M	90 - 100 cm
50R50=L	L	100 - 110 cm
50R50=XL	XL	110 - 120 cm
50R50=XXL	XXL	120 - 130 cm

**Spareparts**

29R343	Pad for back orthoses
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Further information on accessories and spare parts is found in section 7.

50R51 Lumbo Direxa Women

Waisted lumbar brace with 24 cm dorsal height, supports sensorimotor function and activates muscular stabilisation

Features and benefits

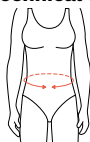
- 24 cm dorsal height
 - Targeted support for the lumbar spine
- Waisted cut
 - Adapted especially to the female anatomy
- Skin-friendly and breathable material
 - High level of wearer comfort
- Four auto-adaptive plastic stabilisation rods
 - Optimum adaptation to anatomical conditions
- Two individually adjustable elastic straps
 - Moderate stability on the spine
- Anatomical fit
 - Optimum fit, no pressure or slipping
- Can be used with 29R343 pad set
 - Optional friction massage stimulates microcirculation

Indications

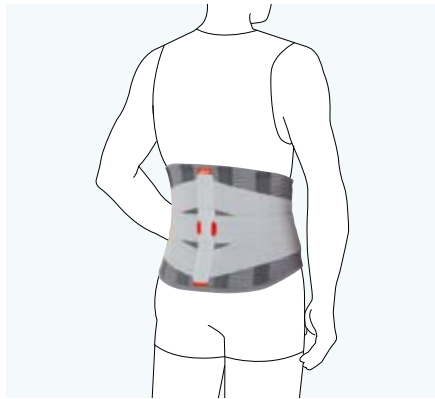
- Low back pain
- Lumbar radiculopathy (sciatica)
- Muscle imbalance of the lumbar spine
- Degenerative changes in the lumbar spine
- Osteochondrosis of the lumbar spine
- Facet joint syndrome of the lumbar spine
- Intervertebral disc protrusion from L4 to S1
- Intervertebral disc prolapse from L4 to S1
- Discectomy in the area of L4 to S1
- Irritation of the sacroiliac (SI) joint

Modes of action

- Supports sensorimotor function
- Activates muscular stabilisation
- Relieves the lumbar spine
- Improves circulation
- Promote muscle activity
- Can relieve pain

Technical data

Article number	Size	Body circumference
50R51=XS	XS	70 - 80 cm
50R51=S	S	80 - 90 cm
50R51=M	M	90 - 100 cm
50R51=L	L	100 - 110 cm
50R51=XL	XL	110 - 120 cm
50R51=XXL	XXL	120 - 130 cm



Further information on accessories and spare parts is found in section 7.

50R54 Lumbo Direxa Stable

Lumbar brace with 28 cm dorsal height, supports sensorimotor function and activates muscular stabilisation

Features and benefits

- 28 cm dorsal height
 - Supports both the lumbar spine and the lower thoracic spine
- Skin-friendly and breathable material
 - High level of wearer comfort
- Four mouldable metal rods and two coil springs
 - Optimum adaptation to anatomical conditions
- Individually adjustable compression with three elastic straps
 - High stability on the spine
- Pad set included in scope of delivery
 - Friction massage stimulates microcirculation

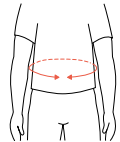
Indications

- Low back pain
- Lumbar radiculopathy (sciatica)
- Ligamentosis of the lumbar spine
- Muscle imbalance of the lumbar spine
- Degenerative changes in the lumbar spine
- Osteochondrosis of the lumbar spine
- Facet joint syndrome of the lumbar spine
- Intervertebral disc protrusion from L3 to S1
- Intervertebral disc prolapse from L3 to S1
- Discectomy in the area of L3 to S1
- Spondylodesis of the lumbar spine from L3 to S1
- Stable traumatic or osteoporotic fractures in the area from L3 to S1
- Osteoporotic changes in the lower back (L3 to S1)
- Irritation of the sacroiliac (SI) joint

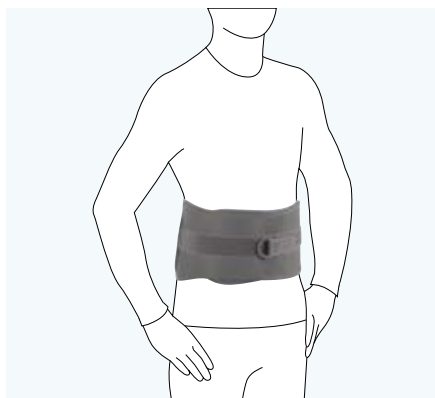
Modes of action

- Supports sensorimotor function and activates muscular stabilisation
- Relieves the lower thoracic and lumbar spine
- Reduces lordosis of the lumbar spine
- Improves circulation
- Promote muscle activity
- Can relieve pain

Technical data



Article number	Size	Body circumference
50R54=XS	XS	70 - 80 cm
50R54=S	S	80 - 90 cm
50R54=M	M	90 - 100 cm
50R54=L	L	100 - 110 cm
50R54=XL	XL	110 - 120 cm
50R54=XXL	XXL	120 - 130 cm



Further information on accessories and spare parts is found in section 7.

50R233 Smartspine LSO low

Lumbar brace with pulley system and 25 cm dorsal height, relieves the lumbar spine with optimum compression

Features and benefits

- Mechanical advantage pulley system
 - Provides powerful, easily-controlled compression support for standing and sitting
- One-hand pull system
 - Compresses with minimal pull force and conforms to individual patient anatomy
- Low-profile corset and pads
 - Requires minimal pull force, very comfortable
- Mouldable, moulded and contoured posterior panel conforming to the natural shape of the lumbar anatomy
 - For a perfect fit
- Breathable mesh material
 - For improved patient compliance and comfort
- Adjustable pull cord
 - For ideal positioning and individual adaptation

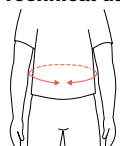
Indications

- Spinal stenosis of the lumbar spine
- Degenerative changes in the intervertebral discs
- Spondylolisthesis of the lumbar spine
- Facet joint syndrome of the lumbar spine

Modes of action

- Promotes sensorimotor function
- Activates muscular stabilisation of the lumbar spine
- Helps relieve pain
- Relieves the lumbar spine through increasing the intra-abdominal pressure and external stabilisation

Technical data



Article number	Size	Body circumference	Panel height rear	Panel height front
50R233=S	S	63,5 - 76,0 cm	25.0 cm	18.0 cm
50R233=M	M	76,0 - 89,0 cm	25.0 cm	18.0 cm
50R233=L	L	89,0 - 101,5 cm	25.0 cm	18.0 cm
50R233=XL	XL	101,5 - 114,5 cm	25.0 cm	18.0 cm
50R233=XXL	XXL	114,5 - 127,0 cm	25.0 cm	18.0 cm
50R233=XXXL	XXXL	127,0 - 140,0 cm	25.0 cm	18.0 cm



Further information on accessories and spare parts is found in section 7.

50R30N Lumbo TriStep

Bridging brace with mobilisation function in three phases, supports sensorimotor function and activates muscular stabilisation

Features and benefits

- Staged lumbar spine bridging brace
 - Degrees of stabilisation can be adapted in three stages as therapy progresses
- Bridging element in step 1
 - High level of stability, limits the patient's range of motion
- Lamella design of the support element from stage 2 for optimum adaptation
 - High level of wearer comfort
- Side elements attached with hook-and-loop closures
 - Can be adjusted to the individual anatomical situation
- A pad can be integrated in phase 3 if required
 - Friction massage stimulates microcirculation

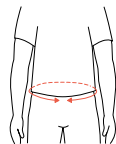
Indications

- Stable vertebral body fractures of the lumbar spine without neurological deficits
- Spondylodesis of the lumbar spine L1–S1
- Condition following surgery on the intervertebral discs in the area from L1 to S1
- Facet joint syndrome of the lumbar spine
- Lumbar spinal stenosis
- Symptomatic stenosis of the lumbar intervertebral foramina
- Instability of the lumbar spine
- Spondylolysis of the lumbar spine
- Spondylolisthesis of the lumbar spine
- Intervertebral disk prolapse of the lumbar spine from L1 to S1

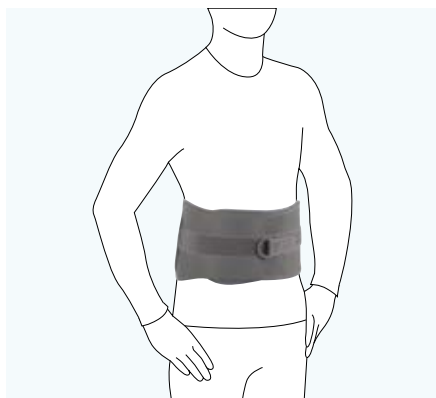
Modes of action

- Supports sensorimotor function and activates muscular stabilisation
- Relieves and supports the lumbar spine
- Promotes muscular coordination
- Systematically increases the load in three stages
- Improves circulation
- Promote muscle activity
- Can relieve pain

Technical data



Article number	Size	Pelvis circumference
50R30N=S-H-7	S	65-80 cm
50R30N=M-H-7	M	80-100 cm
50R30N=L-H-7	L	100-125 cm



Further information on accessories and spare parts is found in section 7.

50R235 Smartspine LSO standard

Lumbar brace with pulley system and 36 cm dorsal height, relieves the lumbar spine with optimum compression

Features and benefits

- Mechanical advantage pulley system
 - Provides powerful, easily-controlled compression support comfort for standing and sitting
- One-hand pull system
 - Compresses with minimal pull force and conforms to individual patient anatomy
- Breathable mesh material
 - For improved patient compliance and comfort
- Moulded posterior panel
 - Contoured to the natural shape of the thoracic and lumbar spine anatomy for a perfect fit
- Adjustable pull cord
 - For ideal positioning and individual adaptation

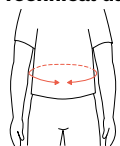
Indications

- Spinal stenosis of the lumbar spine
- Degenerative changes in the intervertebral discs in the lumbar spine
- Spondylolisthesis of the lumbar spine
- Facet joint syndrome of the lumbar spine
- Spondylolysis of the lumbar spine
- Stable vertebral body fractures of the lumbar spine without neurological deficits

Modes of action

- Supports sensorimotor function
- Activates muscular stabilisation of the lumbar spine
- Helps relieve pain
- Relieves the lumbar spine through increasing the intra-abdominal pressure and external stabilisation

Technical data



Article number	Size	Body circumference	Panel height rear	Panel height front
50R235=S	S	63,5 - 76,0 cm	35.5 cm	18.0 cm
50R235=M	M	76,0 - 89,0 cm	35.5 cm	18.0 cm
50R235=L	L	89,0 - 101,5 cm	35.5 cm	18.0 cm
50R235=XL	XL	101,5 - 114,5 cm	35.5 cm	18.0 cm
50R235=XXL	XXL	114,5 - 127,0 cm	35.5 cm	18.0 cm
50R235=XXXL	XXXL	127,0 - 140,0 cm	35.5 cm	18.0 cm



Spareparts

29R343	Pad for back orthoses
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Further information on accessories and spare parts is found in section 7.

50R52 Lumbo Direxa High

Lumbar brace with 32 cm dorsal height, supports sensorimotor function and activates muscular stabilisation

Features and benefits

- 32 cm dorsal height
 - Supports both the lumbar spine and the lower thoracic spine
- Skin-friendly and breathable material
 - High level of wearer comfort
- Four auto-adaptive plastic stabilisation rods
 - Optimum adaptation to anatomical conditions
- Two individually adjustable elastic straps
 - Moderate stability on the spine
- Anatomical fit
 - Optimum fit, no pressure or slipping
- Can be used with 29R343 pad set
 - Optional friction massage stimulates microcirculation

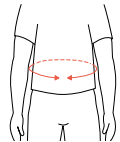
Indications

- Low back pain
- Lumbar radiculopathy (sciatica)
- Muscular imbalances of the thoracic/lumbar spine
- Degenerative changes in the lower thoracic spine and lumbar spine
- Osteochondrosis of the lumbar/lower thoracic spine
- Facet syndrome in the lumbar/lower thoracic spine
- Intervertebral disc protrusion from L1 to S1
- Intervertebral disc prolapse from L1 to S1
- Discectomy in the area of L1 to S1
- Irritation of the sacroiliac (SI) joint

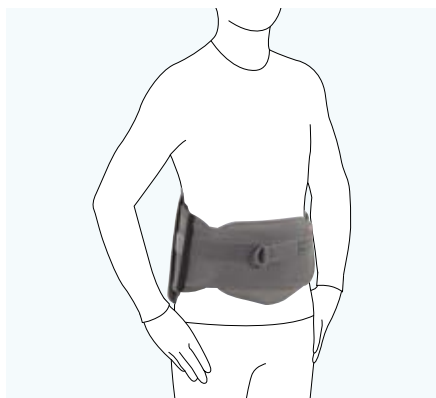
Modes of action

- Supports sensorimotor function and activates muscular stabilisation
- Relieves the lower thoracic and lumbar spine
- Reduces lordosis of the lumbar spine
- Improves circulation
- Promote muscle activity
- Can relieve pain

Technical data



Article number	Size	Body circumference
50R52=XS	XS	70 - 80 cm
50R52=S	S	80 - 90 cm
50R52=M	M	90 - 100 cm
50R52=L	L	100 - 110 cm
50R52=XL	XL	110 - 120 cm
50R52=XXL	XXL	120 - 130 cm



Further information on accessories and spare parts is found in section 7.

50R232 Smartspine LSO high

Lumbar brace with pulley system and 36-39 cm dorsal height, additional front and side pads, relieves the lumbar spine with optimum compression

Features and benefits

- Mechanical advantage pulley system
 - Offers superior 6-to-1 compression and stabilisation from T9 to S1 with lateral control
- One-hand pull system
 - Compresses with minimal pull force and conforms to individual patient anatomy
- Modular step-down system
 - Ideal for individual treatment pre-op, post-op and during rehabilitation
- Textile mesh corset and breathable anterior, posterior, and lateral padding
 - For improved patient compliance and comfort
- Adjustable pull cord
 - For ideal positioning, individually adjustable

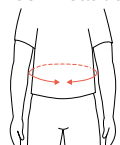
Indications

- Spinal stenosis of the lumbar spine
- Degenerative changes in the intervertebral discs
- Spondylolisthesis/spondylolysis
- Facet syndrome of the lumbar spine
- Stable vertebral body fracture without neurological deficits
- Postoperative stabilisation after spinal fusion
- Back pain in the area of the thoracic/lumbar spine
- Stable compression fractures of the thoracolumbar spine without neurological deficits
- Intervertebral disc prolapse in the area of the thoracic/lumbar spine

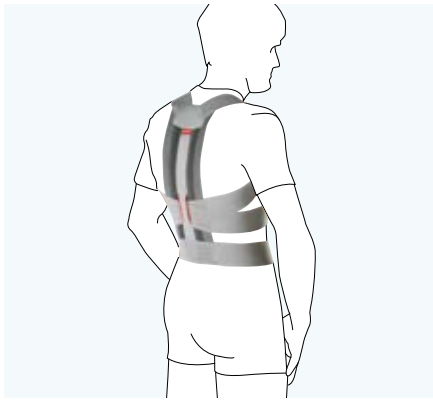
Modes of action

- Supports sensorimotor function
- Activates muscular stabilisation of the lumbar spine
- Helps relieve pain
- Relieves the lumbar spine through increasing the intra-abdominal pressure and external stabilisation

Technical data



Article number	Size	Body circumference	Panel height rear	Panel height front	Lateral panel
50R232=S	S	63,5 - 76,0 cm	35.5 cm	18.5 cm	standard
50R232=M	M	76,0 - 89,0 cm	35.5 cm	18.5 cm	standard
50R232=L	L	89,0 - 101,5 cm	39.5 cm	18.5 cm	large
50R232=XL	XL	101,5-114,5 cm	39.5 cm	18.5 cm	large
50R232=XXL	XXL	114,5 - 127,0 cm	39.5 cm	23.5 cm	large
50R232=XXXL	XXXL	127,0 - 140,0 cm	39.5 cm	23.5 cm	large



Further information on accessories and spare parts is found in section 7.

50R49 Dorso Carezza Posture

Thoracic brace with coil springs, supports sensorimotor function and activates muscular straightening of the torso

Features and benefits

- Skin-friendly and breathable material
 - High level of wearer comfort
- Two metal coil springs
 - Reminder function leads to active straightening
- Anatomical fit
 - Optimum fit, no pressure or slipping
- Very light, non-bulky design
 - Very good to wear under clothing
- Individually adjustable elastic straps
 - Easy to put on and take off, similar to a backpack

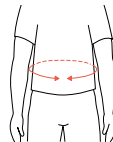
Indications

- Postural insufficiencies
- Muscle imbalance of the thoracic spine
- Kyphosis (without fused vertebrae)
- Degenerative changes in the thoracic spine
- Scheuermann's disease
- Back pain (dorsalgia) in the area of the thoracic spine

Modes of action

- Supports sensorimotor function and activates muscular straightening of the torso
- Promotes postural awareness
- Relieves the thoracic spine
- Can relieve pain

Technical data



Article number	Size	Body circumference
50R49=XXS	XXS	60 - 70 cm
50R49=XS	XS	70 - 80 cm
50R49=S	S	80 - 90 cm
50R49=M	M	90 - 100 cm



Further information on accessories and spare parts is found in section 7.

50R59 Dorso Direxa Posture

Thoracic-lumbar brace with two metal rods and two plastic stabilisation rods, supports sensorimotor function and activates muscular straightening of the torso

Features and benefits

- Skin-friendly and breathable material
 - High level of wearer comfort
- Two mouldable metal rods and two autoadaptive plastic stabilisation rods
 - Optimum adaptation to anatomical conditions and high stability
- Anatomical fit
 - Optimum fit, no pressure or slipping
- Individually adjustable elastic straps
 - Easy to put on and take off, similar to a backpack
- Massaging pad
 - Friction massage stimulates microcirculation

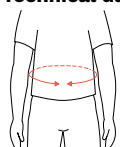
Indications

- Postural insufficiencies
- Kyphosis (without fused vertebrae)
- Scheuermann's disease
- Osteoporotic changes in the thoracic/lumbar spine
- Osteoporotic fractures of the lower thoracic and/or lumbar spine
- Degenerative changes in the thoracic spine and/or lumbar spine
- Osteochondrosis of the lumbar/lower thoracic spine
- Facet syndrome in the lumbar/lower thoracic spine

Modes of action

- Supports sensorimotor function and activates muscular straightening of the torso
- Stabilises the lumbar spine
- Promotes postural awareness
- Relieves the thoracic and lumbar spine
- Improves circulation
- Promote muscle activity
- Can relieve pain

Technical data



Article number	Size	Body circumference
50R59=XS	XS	70 - 80 cm
50R59=S	S	80 - 90 cm
50R59=M	M	90 - 100 cm
50R59=XL	XL	110 - 120 cm
50R59=XXL	XXL	120 - 130 cm



Further information on accessories and spare parts is found in section 7.

50R231 Smartspine extension brace

Thoracolumbar brace with pulley system, straightens the thoracic spine and activates muscular stabilisation

Features and benefits

- Mechanical advantage pulley system
 - Maximises abdominal compression with minimal pull force
- One-hand pulley system
 - Compresses and conforms to individual patient anatomy
- Soft and padded shoulder straps
 - For increased patient compliance
- Back pack design
 - Provides support from the upper thoracic spine to the tail bone

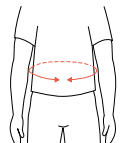
Indications

- Thoracic back pain
- Thoracic kyphosis without fused vertebrae
- Scheuermann's disease
- Stable thoracic compression fractures without neurological defects
- Degenerative changes in the thoracic spine
- Thoracic facet syndrome
- Osteochondrosis of the thoracic spine
- Osteoporosis
- Osteoporotic fractures in the area of the thoracic/lumbar spine

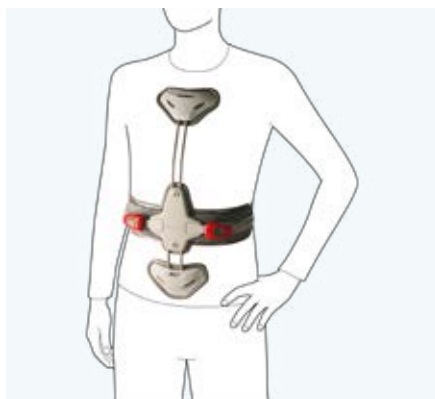
Modes of action

- Straightens the thoracic spine and activates muscular stabilisation
- Promotes sensorimotor function
- Relieves the thoracic spine through active straightening and muscular stabilisation while increasing the intra-abdominal pressure
- Helps relieve pain

Technical data



Article number	Size	Body circumference	Side	Panel height
50R231=S	S	76,0 - 89,0 cm	both sides	43.0 cm
50R231=M	M	89,0 - 101,5 cm	both sides	43.0 cm
50R231=L	L	101,5 - 114,5 cm	both sides	48.5 cm
50R231=XL	XL	114,5 - 127,0 cm	both sides	48.5 cm



Spareparts

29R351	Waistband for Dorso Arexa
29R331	Sternal pad for Dorso Arexa

Further information on accessories and spare parts is found in section 7.

28R140N Dorso Arexa

Hyperextension brace with functional design, reclines the spine at the thoracolumbar transition

Features and benefits

- One size for fittings up to a waist circumference of 150 cm
 - Reduced inventory levels, optimised for clinical fitting processes
- Custom circumference adjustment thanks to click-lock extension elements
 - Can be adjusted to the individual anatomical situation
- Continuously adjustable height of the sternal and symphysis pad
 - Optimal fit
- Auto-adaptive sternum and symphysis pad as well as soft padding
 - High level of wearer comfort
- Waterproof
 - Can be worn in the shower and for water therapy

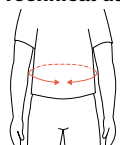
Indications

- Stable vertebral body fractures in the thoracic spine/lumbar spine at Th10 through L2 without neurological deficits
- Osteoporotic changes in the spine

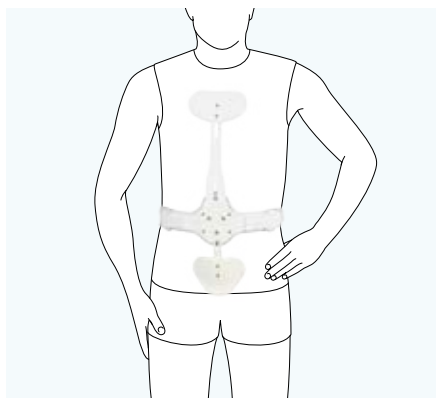
Modes of action

- Reclines the spine at the thoracolumbar transition
- Relieves the ventral segments of the vertebral bodies

Technical data



Article number	Size	Waist circumference
28R140N	Universal	Up to 150 cm



Further information on accessories and spare parts is found in section 7.

28R14 Hyperextension brace

Hyperextension brace according to the three-point principle, reclines the spine at the thoracolumbar transition

Features and benefits

- Individual adaptation of the circumference and height
 - High level of wearer comfort
- Height-adjustable sternal and symphysis pad
 - Optimum and straightforward adaptation

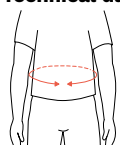
Indications

- Stable vertebral body fractures in the thoracic spine/lumbar spine at Th10 through L2 without neurological deficits
- Osteoporotic changes in the spine

Modes of action

- Reclines the spine at the thoracolumbar transition
- Relieves the ventral segments of the vertebral bodies

Technical data



Article number	Size	Waist circumference
28R14=S	S	60 - 75 cm
28R14=M	M	75 - 90 cm
28R14=L	L	90 - 105 cm
28R14=XL	XL	105 - 115 cm



Spareparts

29R244	Pad set for 28R16 hyperextension orthosis
--------	---

Further information on accessories and spare parts is found in section 7.

28R16 Hyperextension brace

Hyperextension brace in frame construction with flexible pelvic band that can be fixed in place, reclines the spine at the thoracolumbar transition

Features and benefits

- Flexible pelvic band that can be fixed into place
 - Optimum fit for standing and sitting
- Movable sternal pad
 - Secure, firm fit in all situations
- Padding with hook-and-loop fastener
 - Straightforward adaptation and high level of wearer comfort
- Adaptation of circumference and height
 - Individually adjustable
- Water-resistant and lightweight
 - Highly user-friendly

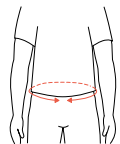
Indications

- Stable vertebral body fractures in the thoracic spine/lumbar spine at Th10 through L2 without neurological deficits
- Osteoporotic changes in the spine

Modes of action

- Reclines the spine at the thoracolumbar transition
- Relieves the ventral segments of the vertebral bodies
- Limits lateral tilt and torso rotation

Technical data



Article number	Size	Pelvis circumference
28R16=S	S	60 - 75 cm
28R16=M	M	75 - 90 cm
28R16=L	L	90 - 105 cm
28R16=XL	XL	105 - 115 cm
28R16=XXL	XXL	115 - 125 cm



Further information on accessories and spare parts is found in section 7.

50R230 Smartspine TLSO

Thoracolumbar brace with pulley system, straightens the thoracic spine and activates muscular stabilisation

Features and benefits

- Mechanical advantage pulley system
 - Maximises abdominal compression with minimal pull force
- One-hand pulley system
 - Compresses and conforms to individual patient anatomy
- Soft and padded shoulder straps
 - For increased patient compliance
- Tool-free linear thoracic adjustment with articulating sternal pads
 - Quick and easy adjustment
- Posterior cutout (from inferior of scapula to sacrococcygeal junction)
 - Relief for the spine
- Removable lateral panels
 - Degree of stabilisation adjustable in 2 stages

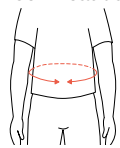
Indications

- Thoracic back pain
- Thoracic kyphosis without fused vertebrae
- Scheuermann's disease
- Stable thoracic compression fractures without neurological defects
- Severe degeneration of the thoracic spine/lumbar spine
- Stable vertebral body fractures of the lumbar spine/lower thoracic spine
- Severe disc degeneration in the thoracic spine/lumbar spine
- Thoracic facet syndrome

Modes of action

- Straightens the thoracic spine and activates muscular stabilisation
- Promotes sensorimotor function
- Relieves the thoracic and lumbar spine through active straightening and exterior stabilisation while increasing the intra-abdominal pressure
- Helps relieve pain

Technical data






Article number	Size	Body circumference	Panel height
50R230=S	S	76,5 - 89,0 cm	43.0 cm
50R230=M	M	89,0 - 101,5 cm	43.0 cm
50R230=L	L	101,5 - 114,5 cm	48.5 cm
50R230=XL	XL	114,5 - 127,0 cm	48.5 cm
50R230=XXL	XXL	127,0 - 140,0 cm	48.5 cm

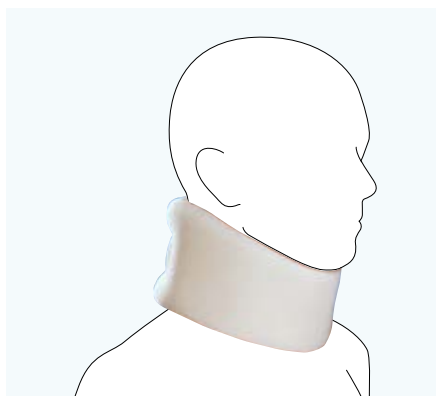


Cervical spine.

Product overview.

Cervical spine.

Ref. number	Product name	Image	Short description	Page
50C20	Necky Color		Anatomically shaped cervical brace with adjustable circumference, provides warmth and support	57
50C30	Necky Color Forte		Cervical brace with integrated, flexible plastic reinforcement, provides warmth and support	57
50C91	Smartspine Universal Collar		Cervical brace to immobilise the cervical spine	58



Further information on accessories and spare parts is found in section 7.

50C20 Necky Color

Anatomically shaped cervical brace with adjustable circumference, provides warmth and support

Features and benefits

- Anatomical shape
 - Optimal fit
- Recesses for chin and larynx
 - High level of wearer comfort
- Adjustable hook-and-loop closure fits 37 - 47 cm circumference
 - Individually adjustable
- Washable
 - Hygienic

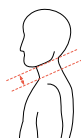
Indications

- Cervical syndrome
- Hypermobility of the cervical spine
- Rheumatic complaints in the area of the cervical spine
- Pain due to excessive strain
- Whiplash injury
- Degenerative changes in the cervical spine

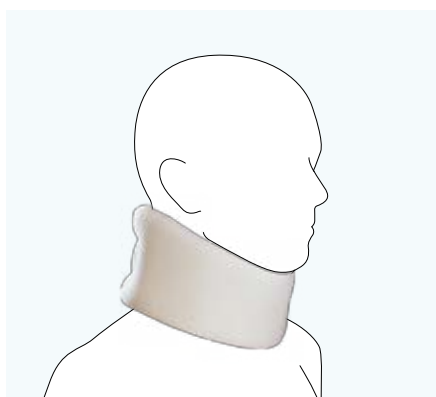
Modes of action

- Provides warmth and support
- Limits range of motion

Technical data



Article number	Colour	Neck height
50C20=8-0	Champagne	8 cm
50C20=8-1	Grey	8 cm
50C20=10-0	Champagne	10 cm
50C20=10-1	Grey	10 cm
50C20=12-0	Champagne	12 cm
50C20=12-1	Grey	12 cm



Further information on accessories and spare parts is found in section 7.

50C30 Necky Color Forte

Cervical brace with integrated, flexible plastic reinforcement, provides warmth and support

Features and benefits

- Integrated flexible plastic reinforcement
 - High level of stabilisation
- Breathable, shape-retaining foam core
 - High level of wearer comfort
- Anatomically shaped recess for chin and larynx
 - Optimal fit
- Adjustable hook-and-loop closure fits 37 - 47 cm circumference
 - Individually adjustable
- Washable
 - Hygienic

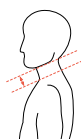
Indications

- Cervical syndrome
- Hypermobility of the cervical spine
- Rheumatic complaints in the area of the cervical spine
- Pain due to excessive strain
- Whiplash injury
- Degenerative changes in the cervical spine

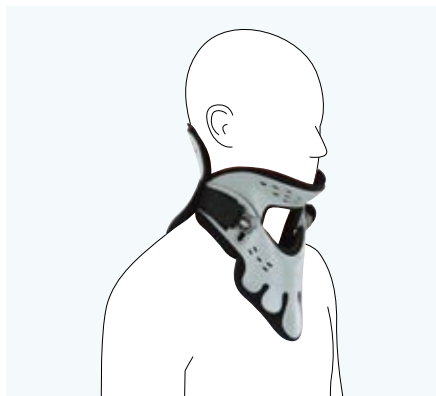
Modes of action

- Provides warmth and support
- High level of support
- Limits range of motion

Technical data



Article number	Colour	Neck height
50C30=2-8-0	Champagne	8 cm
50C30=2-8-1	Grey	8 cm
50C30=2-10-0	Champagne	10 cm
50C30=2-10-1	Grey	10 cm
50C30=2-12-0	Champagne	12 cm
50C30=2-12-1	Grey	12 cm



50C91 Smartspine Universal Collar

Cervical brace to immobilise the cervical spine

Features and benefits

- Two piece design
 - Easy to put on
- Unique dual height adjustment
 - Can be adjusted to suit individual requirements (one size fits all)
- Large trachea opening
 - Makes it possible to feel the carotid pulse and perform minor tracheotomy
- Removable soft foam liner
 - Increases patient comfort
- Hook-and-loop closures
 - Easy to customise

Indications

- Acute pain syndromes of the cervical spine
- Stenosis of the cervical spine
- Whiplash injury
- Stable fracture of the cervical spine
- Dislocation/dislocation fracture of the cervical spine (postoperative)
- Injury/trauma to the cervical spine
- Radiculopathy in the area of the cervical spine

Modes of action

- Immobilises the cervical spine
- Controls unwanted flexion, extension and rotation of the cervical spine
- Promotes improved spinal alignment

Spareparts

29C21	Replacement pad set for Smart-spine universal collar
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Further information on accessories and spare parts is found in section 7.

Technical data




















Article number	Size
50C91	Universal

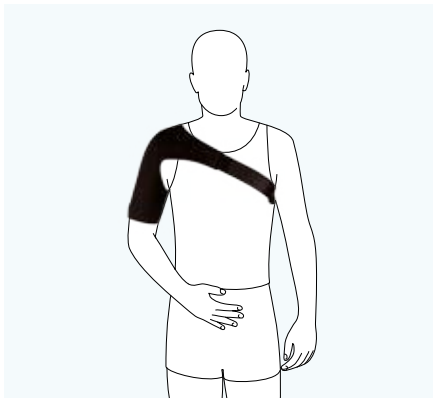


Upper limbs.

Product overview.

Upper limbs.

Ref. number	Product name	Image	Short description	Page
7126	Shoulder protection		Neoprene shoulder support, stabilises the shoulder joint in case of irritation in the shoulder region	63
5055	Acro ComforT		Shoulder support made of temperature-regulating material, stabilises the shoulder joint in case of irritation in the shoulder region	63
50A8	Omo Immobil Sling		Shoulder joint brace, immobilises and relieves the shoulder joint with interior rotation in case of acute and chronic pain	64
50A9	Omo Immobil Sling, abduction		Shoulder joint brace, immobilises and relieves the shoulder joint in 15° abduction in case of acute and chronic pain	64
50A10	Omo Immobil		Shoulder joint brace, immobilises and relieves the shoulder joint in 0°, 15°, 30°, 60° or 90° abduction after posterior shoulder dislocation	65
50A3	Epi Forsa Plus		Epicondylitis brace with a stable and soft, padded plastic core, relieves the local tendon insertion	65
4801N	Epiflex		Semi-rigid shaped plastic brace, relieves the local tendon insertion	66
50P22	Rhizo Arexa		Thumb brace with lateral aluminium bars, stabilises and relieves the thumb joints	67
4085	Thumboform Long		Long thumb support made of dirt-repellent material, stabilises and relieves the thumb joints	67
50P70	Manu Carezza		Wrist support with a sporty, practical, lightweight design in a universal size, supports the wrist	68
50P20	Manu Arexa		Wrist brace with aluminium bars which can be preformed in the volar, dorsal or ulnar areas, supports and stabilises the wrist	68
50P21	Manu Arexa Pollex		Wrist brace with aluminium splints which can be preformed in the volar and dorsal areas, supports and stabilises the wrist and thumb joints	69
4142	Manu 3D		Wrist support with thumb loop, stabilises the wrist joint	70
4143	Manu 3D Basic		Wrist support with adjustable thumb loop, stabilises the wrist joint	71
4146	Manu 3D Pollex		Wrist support with thumb loop, stabilises and relieves the wrist and thumb joints	72
4088	Wristoform		Soft wrist brace made of neoprene, excellent fit, stabilises and relieves the wrist joint	73
4055	Manu ComforT		Wrist support made of temperature-regulating material, stabilises and relieves the wrist	73
4058	Manu ComforT Stable		Wrist support made of temperature-regulating material, stabilises and relieves the wrist	74
50P50	Manu Junior		Easy-to-use children's wrist support, stabilises and relieves the wrist	74
50P51	Manu Junior Pollex		Easy-to-use children's wrist support, stabilises and relieves the wrist and thumb joints	75
50P10	Manu Immobil		Wrist brace with steel splint in the wrist joint area for immobilisation in a functional position	75
50P11	Manu Immobil Long		Wrist brace with steel splint in the wrist joint area and additional finger rest, immobilises the wrist and finger joints in a functional position	76



Further information on accessories and spare parts is found in section 7.

7126 Shoulder protection

Neoprene shoulder support, stabilises the shoulder joint in case of irritation in the shoulder region

Features and benefits

- Neoprene shoulder protector
 - Warming effect
- Anatomically shaped shoulder support
 - Good fit

Indications

- Irritation in the area of the shoulder
- Degeneration of the rotator cuff
- Fibromyalgia in the area of the shoulder
- Joint wear (osteoarthritis) of the shoulder joint

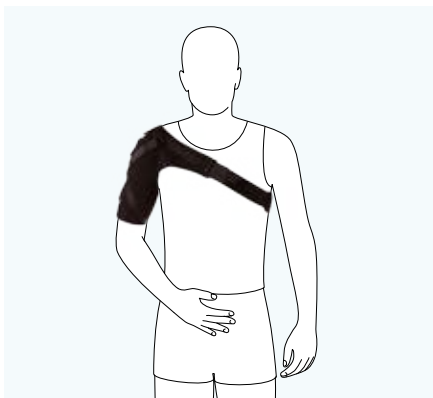
Modes of action

- Stabilises the shoulder joint
- Can relieve pain

Technical data



Article number	Size	Circumference at biceps
7126=XS	XS	24 - 28 cm
7126=S	S	28 - 32 cm
7126=M	M	32 - 35 cm
7126=L	L	35 - 38 cm
7126=XL	XL	38 - 42 cm



Further information on accessories and spare parts is found in section 7.

5055 Acro Comfort

Shoulder support made of temperature-regulating material, stabilises the shoulder joint in case of irritation in the shoulder region

Features and benefits

- Anatomically shaped shoulder support
 - Good fit
- Temperature-regulating material
 - Comfortable to wear, washable
- Strap system
 - Individually adjustable stability and flexibility
- Interior silicone nubs
 - Very secure, firm fit

Indications

- Irritation in the area of the shoulder
- Degeneration of the rotator cuff
- Fibromyalgia in the area of the shoulder
- Shoulder instability

Modes of action

- Stabilises the shoulder joint
- Supports targeted guidance of the shoulder
- Can relieve pain

Technical data



Article number	Size	Circumference at biceps
5055=XS	XS	24 - 28 cm
5055=S	S	28 - 32 cm
5055=M	M	32 - 35 cm
5055=L	L	35 - 38 cm
5055=XL	XL	38 - 42 cm



Further information on accessories and spare parts is found in section 7.

50A8 Omo Immobil Sling

Shoulder joint brace, immobilises and relieves the shoulder joint with interior rotation in case of acute and chronic pain

Features and benefits

- Large closures
 - User friendly
- High-quality material
 - Breathable and skin-friendly
- Low weight
 - High wearer comfort
- Positionable thumb grip
 - Comfortable positioning of the hand and forearm

Indications

- Acute or chronic shoulder pain
- Irritation in the area of the shoulder
- Frozen shoulder
- Separated shoulder
- Joint wear (osteoarthritis) of the shoulder joint
- Subcapital humerus fracture
- Anterior shoulder dislocation
- Bankart lesion

Modes of action

- Immobilises and relieves the shoulder joint in an internal rotation position
- Can relieve pain

Technical data



Article number	Size	Side	Lower arm length
50A8=S	S	both sides	29 - 34 cm
50A8=M	M	both sides	35 - 37 cm
50A8=L	L	both sides	38 - 41 cm



Further information on accessories and spare parts is found in section 7.

50A9 Omo Immobil Sling, abduction

Shoulder joint brace, immobilises and relieves the shoulder joint in 15° abduction in case of acute and chronic pain

Features and benefits

- Waist cushion at 15° abduction
 - Comfortable positioning of the arm and hand
- Large closures
 - User friendly
- High-quality material
 - Breathable and skin-friendly
- Low weight
 - High level of wearer comfort
- Positionable thumb grip
 - Comfortable positioning of the hand and forearm

Indications

- Acute or chronic shoulder pain
- Irritation in the area of the shoulder
- Biceps tendon and muscle injuries
- Dislocation of the shoulder joint

Modes of action

- Immobilises and relieves the shoulder joint at 15° of abduction
- Can relieve pain

Technical data



Article number	Size	Side	Lower arm length
50A9=S	S	both sides	29 - 34 cm
50A9=M	M	both sides	35 - 37 cm
50A9=L	L	both sides	38 - 41 cm

**Spareparts**

29A222	Exterior rotation kit for Omo Immobil
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Further information on accessories and spare parts is found in section 7.

50A10 Omo Immobil

Shoulder joint brace, immobilises and relieves the shoulder joint in 0°, 15°, 30°, 60° or 90° abduction after posterior shoulder dislocation

Features and benefits

- Individually adjustable abduction angle
 - Adjustable from 0° to 90° depending on medical requirements
- Sturdy tubular frame construction
 - Slim design
- Hook-and-loop pommel
 - Rapid abduction angle adjustment
- Washable padding
 - Hygienic
- For immobilisation of the shoulder in exterior rotation, expandable with service part 29A222
 - Optional retrofitting of exterior rotation
- Suitable for either side
 - Reduced inventory levels

Indications

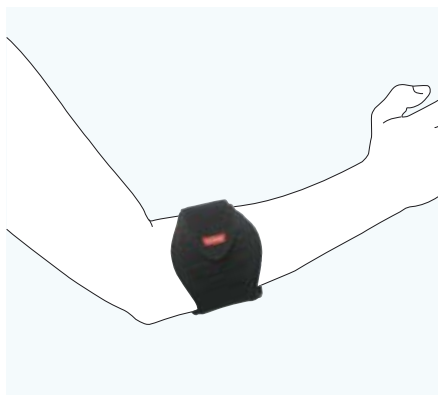
- Dislocation of the shoulder joint
- Shoulder instability
- Shoulder joint implantation
- Rotator cuff repair or shoulder impingement syndrome

Modes of action

- Immobilises and relieves the shoulder joint at 0°, 15°, 30°, 60° or 90° of abduction
- Can relieve pain

Technical data

Article number	Size	Side	Body height
50A10=S	S	both sides	~ 150 - 165 cm
50A10=M	M	both sides	~ 165 - 175 cm
50A10=L	L	both sides	From 175 cm



Further information on accessories and spare parts is found in section 7.

50A3 Epi Forsa Plus

Epicondylitis brace with a stable and soft, padded plastic core, relieves the local tendon insertion

Features and benefits

- Elastic insert tape
 - Dynamic, continuous regulation of pressure
- Stable, softly padded plastic core
 - Optimal pressure redistribution
- Pads can be repositioned
 - Targeted micro-massage

Indications

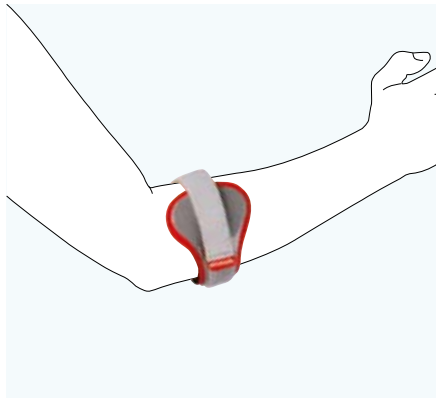
- Tennis elbow (lateral epicondylitis)
- Golfer's elbow (epicondylitis humeri ulnaris)

Modes of action

- Provides local relief for the tendon tissue on the epicondyle
- Targeted, controlled compression of the forearm muscles
- Promotes hyperaemia through friction massage
- Can relieve pain

Technical data

Article number	Size
50A3=7	Universal



Further information on accessories and spare parts is found in section 7.

4801N Epiflex

Semi-rigid shaped plastic brace, relieves the local tendon insertion

Features and benefits

- Straightforward to put on and easy to adjust:
 - Targeted compression
- Semi-rigid moulded plastic brace
 - Ergonomic and attractive design
- Interior neoprene padding
 - Very secure, firm fit

Indications

- Tennis elbow (lateral epicondylitis)
- Golfer's elbow (epicondylitis humeri ulnaris)

Modes of action

- Provides local relief for the tendon tissue on the epicondyle
- Targeted, controlled compression of the forearm muscles
- Promotes hyperaemia through friction massage
- Can relieve pain

Technical data



Article number	Size	Forearm circumference
4801N=S	S	24 - 25 cm
4801N=M	M	26 - 27 cm
4801N=L	L	28 - 30 cm
4801N=XL	XL	31 - 33 cm



Further information on accessories and spare parts is found in section 7.

50P22 Rhizo Arexa

Thumb brace with lateral aluminium bars, stabilises and relieves the thumb joints

Features and benefits

- Formable lateral aluminium splints
 - Stabilises the thumb without exerting pressure on the back of the thumb
- Seamless design
 - Comfortable to wear, especially in the sensitive thumb area
- Handy closure strap
 - Easy handling and individually adaptable
- Suitable for either side
 - Only one version required for the right and the left hand

Indications

- Overloading (tendinopathy)
- Ligament injury (lesion) in the area of the thumb
- Thumb sprain
- Subluxation/dislocation
- Thumb instability
- Irritation in the area of the thumb
- Partial paralysis
- Joint wear in the CMC joint of the thumb (osteoarthritis of the thumb)

Modes of action

- Stabilises and relieves the thumb joints
- Can relieve pain

Technical data



Article number	Size	Side	Wrist circumference
50P22=S	S	both sides	14-18 cm
50P22=M	M	both sides	18-22 cm



Further information on accessories and spare parts is found in section 7.

4085 Thumbform Long

Long thumb support made of dirt-repellent material, stabilises and relieves the thumb joints

Features and benefits

- Neoprene
 - Warming effect
- Inner pocket to hold the plastic insert
 - Easy handling
- Splint made of thermoplastic material, individually mouldable
 - Optimal fit

Indications

- Irritation in the area of the thumb
- Sprain
- Subluxation/dislocation
- Joint wear in the CMC joint of the thumb (osteoarthritis of the thumb)
- Ulnar collateral ligament injury of the metacarpophalangeal joint of the thumb (skier's thumb)

Modes of action

- Stabilises and relieves the thumb joints
- Can relieve pain

Technical data



Article number	Side	Size	Wrist circumference
4085=L-XS	left (L)	XS	13 - 14 cm
4085=R-XS	right (R)	XS	13 - 14 cm
4085=L-S	left (L)	S	14 - 16 cm
4085=R-S	right (R)	S	14 - 16 cm
4085=L-M	left (L)	M	16 - 18 cm
4085=R-M	right (R)	M	16 - 18 cm
4085=L-L	left (L)	L	18 - 20 cm
4085=R-L	right (R)	L	18 - 20 cm
4085=L-XL	left (L)	XL	20 - 22 cm
4085=R-XL	right (R)	XL	20 - 22 cm



Further information on accessories and spare parts is found in section 7.

50P70 Manu Carezza

Wrist support with a sporty, practical, lightweight design in a universal size, supports the wrist

Features and benefits

- Seamless design
 - Comfortable to wear
- Handy closure strap
 - Easy handling and individually adaptable
- Sporty design
 - Particularly suitable for everyday use and sports
- Universal size
 - One version fits all

Indications

- Irritation in the area of the wrist and thumb
- Wrist instability
- Scaphoid pseudarthrosis

Modes of action

- Relieves and supports the wrist and CMC joint of the thumb
- Can relieve pain

Technical data



Article number	Size	Side	Wrist circumference
50P70	Universal	left (L), right (R)	14-22 cm



Further information on accessories and spare parts is found in section 7.

50P20 Manu Arexa

Wrist brace with aluminium bars which can be preformed in the volar, dorsal or ulnar areas, supports and stabilises the wrist

Features and benefits

- Volar, dorsal or ulnar mouldable aluminium splints
 - Stabilises the wrist
- Suitable for either side
 - The orthosis can be used on the left or right side
- Seamless design
 - Comfortable to wear, especially in the sensitive thumb area
- Pull-2-Go closure
 - Easy, one-handed use

Indications

- Overloading (tendinopathy)
- Sprain
- Irritation in the area of the wrist
- Wrist instability
- Rheumatoid arthritis
- Carpal tunnel syndrome
- Partial paralysis

Modes of action

- Stabilises and relieves the wrist
- Can relieve pain

Technical data



Article number	Size	Side	Wrist circumference
50P20=S	S	both sides	14-16 cm
50P20=M	M	both sides	16-19 cm
50P20=L	L	both sides	19-22 cm



Further information on accessories and spare parts is found in section 7.

50P21 Manu Arexa Pollex

Wrist brace with aluminium splints which can be preformed in the volar and dorsal areas, supports and stabilises the wrist and thumb joints

Features and benefits

- Volar and dorsal mouldable aluminium splints as well as coil spring for the thumb
 - Stabilises the wrist and thumb
- Seamless design
 - Comfortable to wear, especially in the sensitive thumb area
- Suitable for either side
 - The orthosis can be used on the left or right side
- Pull-2-Go closure
 - Easy, one-handed use

Indications

- Sprains of the wrist or thumb
- Ligament injury (lesion) in the area of the wrist or thumb
- Subluxation/dislocation
- Partial arthrodeseis in the area of the hand
- Rheumatoid arthritis
- Irritation in the area of the wrist and thumb
- Partial paralysis
- Posttraumatic and postoperative immobilisation
- Night positioning

Modes of action

- Stabilises and relieves the wrist
- Counteracts extension/flexion of the wrist and mobility of the thumb
- Coil spring on the outside of the thumb additionally stabilises the thumb
- Can relieve pain

Technical data



Article number	Size	Side	Wrist circumference
50P21=S	S	both sides	14-16 cm
50P21=M	M	both sides	16-19 cm
50P21=L	L	both sides	19-22 cm



4142 Manu 3D

Wrist support with thumb loop, stabilises the wrist joint

Features and benefits

- Anatomical shape
 - Good fit
- Water-repellent material
 - Suitable for everyday use

Indications

- Irritation in the area of the wrist
- Sprain
- Subluxation/dislocation
- Carpal tunnel syndrome
- Tenosynovitis in the area of the hand
- Joint wear (osteoarthritis) of the wrist

Spareparts

4003	Aluminium bar, short
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Further information on accessories and spare parts is found in section 7.

Modes of action

- Supports and stabilises the wrist
- Can relieve pain

Technical data



Article number	Size	Side	Colour	Wrist circumference
4142=L-XS-1	XS	left (L)	Grey	14.0 - 15.0 cm
4142=R-XS-1	XS	right (R)	Grey	14.0 - 15.0 cm
4142=L-XS-7	XS	left (L)	Black	14.0 - 15.0 cm
4142=R-XS-7	XS	right (R)	Black	14.0 - 15.0 cm
4142=L-S-1	S	left (L)	Grey	15.0 - 16.0 cm
4142=R-S-1	S	right (R)	Grey	15.0 - 16.0 cm
4142=L-S-7	S	left (L)	Black	15.0 - 16.0 cm
4142=R-S-7	S	right (R)	Black	15.0 - 16.0 cm
4142=L-M-1	M	left (L)	Grey	16.0 - 17.0 cm
4142=R-M-1	M	right (R)	Grey	16.0 - 17.0 cm
4142=L-M-7	M	left (L)	Black	16.0 - 17.0 cm
4142=R-M-7	M	right (R)	Black	16.0 - 17.0 cm
4142=L-L-1	L	left (L)	Grey	17.0 - 18.5 cm
4142=R-L-1	L	right (R)	Grey	17.0 - 18.5 cm
4142=L-L-7	L	left (L)	Black	17.0 - 18.5 cm
4142=R-L-7	L	right (R)	Black	17.0 - 18.5 cm
4142=L-XL-1	XL	left (L)	Grey	18.5 - 20.0 cm
4142=R-XL-1	XL	right (R)	Grey	18.5 - 20.0 cm
4142=L-XL-7	XL	left (L)	Black	18.5 - 20.0 cm
4142=R-XL-7	XL	right (R)	Black	18.5 - 20.0 cm
4142=L-XXL-1	XXL	left (L)	Grey	20.0 - 22.0 cm
4142=R-XXL-1	XXL	right (R)	Grey	20.0 - 22.0 cm
4142=L-XXL-7	XXL	left (L)	Black	20.0 - 22.0 cm
4142=R-XXL-7	XXL	right (R)	Black	20.0 - 22.0 cm



4143 Manu 3D Basic

Wrist support with adjustable thumb loop, stabilises the wrist joint

Features and benefits

- Anatomical shape
 - Good fit
- Water-repellent material
 - Suitable for everyday use
- Thumb loop
 - Adjustable with hook-and-loop closure

Indications

- Irritation in the area of the wrist
- Sprain
- Subluxation/dislocation
- Tenosynovitis in the area of the hand
- Joint wear (osteoarthritis) of the wrist

Modes of action

- Supports and stabilises the wrist
- Can relieve pain

Spareparts

4003	Aluminium bar, short
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Further information on accessories and spare parts is found in section 7.

Technical data



Article number	Size	Side	Colour	Wrist circumference
4143=L-XS-1	XS	left (L)	Grey	14.0 - 15.0 cm
4143=R-XS-1	XS	right (R)	Grey	14.0 - 15.0 cm
4143=L-XS-7	XS	left (L)	Black	14.0 - 15.0 cm
4143=R-XS-7	XS	right (R)	Black	14.0 - 15.0 cm
4143=L-S-1	S	left (L)	Grey	15.0 - 16.0 cm
4143=R-S-1	S	right (R)	Grey	15.0 - 16.0 cm
4143=L-S-7	S	left (L)	Black	15.0 - 16.0 cm
4143=R-S-7	S	right (R)	Black	15.0 - 16.0 cm
4143=L-M-1	M	left (L)	Grey	16.0 - 17.0 cm
4143=R-M-1	M	right (R)	Grey	16.0 - 17.0 cm
4143=L-M-7	M	left (L)	Black	16.0 - 17.0 cm
4143=R-M-7	M	right (R)	Black	16.0 - 17.0 cm
4143=L-L-1	L	left (L)	Grey	18.0 - 18.5 cm
4143=R-L-1	L	right (R)	Grey	18.0 - 18.5 cm
4143=L-L-7	L	left (L)	Black	18.0 - 18.5 cm
4143=R-L-7	L	right (R)	Black	18.0 - 18.5 cm
4143=L-XL-1	XL	left (L)	Grey	18.5 - 20.0 cm
4143=R-XL-1	XL	right (R)	Grey	18.5 - 20.0 cm
4143=L-XL-7	XL	left (L)	Black	18.5 - 20.0 cm
4143=R-XL-7	XL	right (R)	Black	18.5 - 20.0 cm
4143=L-XXL-1	XXL	left (L)	Grey	20.0 - 22.0 cm
4143=R-XXL-1	XXL	right (R)	Grey	20.0 - 22.0 cm
4143=L-XXL-7	XXL	left (L)	Black	20.0 - 22.0 cm
4143=R-XXL-7	XXL	right (R)	Black	20.0 - 22.0 cm



Spareparts

4003	Aluminium bar, short
------	----------------------

Further information on accessories and spare parts is found in section 7.

4146 Manu 3D Pollex

Wrist support with thumb loop, stabilises and relieves the wrist and thumb joints

Features and benefits

- Anatomical shape
 - Good fit
- Water-repellent material
 - Suitable for everyday use
- Functional thumb position
 - Targeted support for the thumb
- Wide straps
 - Easy handling
- Anatomically pre-shaped, individually mouldable plastic splint
 - Volar support

Indications

- Irritation in the area of the wrist and thumb
- Sprain
- Subluxation/dislocation
- Tenosynovitis in the area of the hand and thumb
- Tendomyopathy
- Ulnar collateral ligament injury of the metacarpophalangeal joint of the thumb (skier's thumb)
- Joint wear in the CMC joint of the thumb (osteoarthritis of the thumb)

Modes of action

- Stabilises and relieves the wrist and thumb joints
- Can relieve pain

Technical data



Article number	Size	Side	Colour	Wrist circumference
4146=L-XS-1	XS	left (L)	Grey	14.0 - 15.0 cm
4146=R-XS-1	XS	right (R)	Grey	14.0 - 15.0 cm
4146=L-XS-7	XS	left (L)	Black	14.0 - 15.0 cm
4146=R-XS-7	XS	right (R)	Black	14.0 - 15.0 cm
4146=L-S-1	S	left (L)	Grey	15.0 - 16.0 cm
4146=R-S-1	S	right (R)	Grey	15.0 - 16.0 cm
4146=L-S-7	S	left (L)	Black	15.0 - 16.0 cm
4146=R-S-7	S	right (R)	Black	15.0 - 16.0 cm
4146=L-M-1	M	left (L)	Grey	16.0 - 17.0 cm
4146=R-M-1	M	right (R)	Grey	16.0 - 17.0 cm
4146=L-M-7	M	left (L)	Black	16.0 - 17.0 cm
4146=R-M-7	M	right (R)	Black	16.0 - 17.0 cm
4146=L-L-1	L	left (L)	Grey	17.0 - 18.5 cm
4146=R-L-1	L	right (R)	Grey	17.0 - 18.5 cm
4146=L-L-7	L	left (L)	Black	17.0 - 18.5 cm
4146=R-L-7	L	right (R)	Black	17.0 - 18.5 cm
4146=L-XL-1	XL	left (L)	Grey	18.5 - 20.0 cm
4146=R-XL-1	XL	right (R)	Grey	18.5 - 20.0 cm
4146=L-XL-7	XL	left (L)	Black	18.5 - 20.0 cm
4146=R-XL-7	XL	right (R)	Black	18.5 - 20.0 cm
4146=L-XXL-1	XXL	left (L)	Grey	20.0 - 22 cm
4146=R-XXL-1	XXL	right (R)	Grey	20.0 - 22 cm
4146=L-XXL-7	XXL	left (L)	Black	20.0 - 22 cm
4146=R-XXL-7	XXL	right (R)	Black	20.0 - 22 cm

**Spareparts**

4014	Plastic splint, hard, 18 cm
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Further information on accessories and spare parts is found in section 7.

4088 Wristoform

Soft wrist brace made of neoprene, excellent fit, stabilises and relieves the wrist joint

Features and benefits

- Neoprene
 - Impermeable to water
- Volar splint and dorsal insert made of thermoplastic material
 - Improved stability
- Dorsal thermoplastic insert
 - Individually adaptable
- Wide, non-elastic hook-and-loop strap
 - Improved stability
- Thumb loop
 - Adjustable with hook-and-loop closure

Indications

- Wrist instability
- Irritation in the area of the wrist
- Sprain
- Subluxation/dislocation
- Tenosynovitis in the area of the hand
- Complex wrist injury
- Carpal tunnel syndrome

Modes of action

- Stabilises and relieves the wrist
- Can relieve pain

Technical data

Article number	Size	Side	Wrist circumference
4088=L-XS	XS	left (L)	13 - 14 cm
4088=R-XS	XS	right (R)	13 - 14 cm
4088=L-S	S	left (L)	14 - 16 cm
4088=R-S	S	right (R)	14 - 16 cm
4088=L-M	M	left (L)	16 - 18 cm
4088=R-M	M	right (R)	16 - 18 cm
4088=L-L	L	left (L)	18 - 20 cm
4088=R-L	L	right (R)	18 - 20 cm
4088=L-XL	XL	left (L)	20 - 22 cm
4088=R-XL	XL	right (R)	20 - 22 cm

**Spareparts**

4003	Aluminium bar, short
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Further information on accessories and spare parts is found in section 7.

4055 Manu Comfort

Wrist support made of temperature-regulating material, stabilises and relieves the wrist

Features and benefits

- Temperature-regulating material
 - Comfortable to wear, washable
- Two dorsal coil springs
 - Additional stability
- Hook-and-loop closures with O-rings
 - Easy handling
- Wide central hook-and-loop strap
 - Improved stability

Indications

- Wrist instability
- Irritation in the area of the wrist
- Sprain
- Subluxation/dislocation
- Carpal tunnel syndrome
- Tenosynovitis in the area of the hand
- Joint wear (osteoarthritis) of the wrist

Modes of action

- Stabilises and relieves the wrist
- Can relieve pain

Technical data

Article number	Size	Side	Wrist circumference
4055=L-XS	XS/S	left (L)	13 - 16 cm
4055=R-XS	XS/S	right (R)	13 - 16 cm
4055=L-M	M/L	left (L)	16 - 19 cm
4055=R-M	M/L	right (R)	16 - 19 cm
4055=L-XL	XL/XXL	left (L)	19 - 23 cm
4055=R-XL	XL/XXL	right (R)	19 - 23 cm



Spareparts

4014 Plastic splint, hard, 18 cm
 Further information on accessories and spare parts is found in section 7.

4058 Manu Comfort Stable

Wrist support made of temperature-regulating material, stabilises and relieves the wrist

Features and benefits

- Temperature-regulating material
 - Comfortable to wear, washable
- Two dorsal coil springs
 - Additional stability
- Hook-and-loop closures with O-rings
 - Easy handling
- Wide central hook-and-loop strap
 - Improved stability

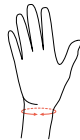
Indications

- Wrist instability
- Irritation in the area of the wrist
- Sprain
- Subluxation/dislocation
- Carpal tunnel syndrome
- Tenosynovitis in the area of the hand
- Joint wear (osteoarthritis) of the wrist
- Wrist drop due to paresis of the radial nerve

Modes of action

- Stabilises and relieves the wrist
- Can relieve pain

Technical data



Article number	Size	Side	Wrist circumference
4058=L-XS	XS/S	left (L)	13 - 16 cm
4058=R-XS	XS/S	right (R)	13 - 16 cm
4058=L-M	M/L	left (L)	16 - 19 cm
4058=R-M	M/L	right (R)	16 - 19 cm
4058=L-XL	XL/XXL	left (L)	19 - 23 cm
4058=R-XL	XL/XXL	right (R)	19 - 23 cm



Further information on accessories and spare parts is found in section 7.

50P50 Manu Junior

Easy-to-use children's wrist support, stabilises and relieves the wrist

Features and benefits

- Aluminium splint, mouldable in volar area
 - Stabilises the wrist
- Child-friendly fit
 - Fit was specially developed for children's hands
- Flexible hook-and-loop closures
 - Very easy to use
- High-quality, slim material
 - Great design and good fit

Indications

- Congenital malformation on the wrist and carpus
- Overloading (tendinopathy)
- Ligament injury (lesion) in the area of the wrist
- Wrist sprain
- Wrist instability
- Impingement syndrome (ulnocarpal)
- Juvenile rheumatoid arthritis
- Irritation in the area of the wrist
- Scaphoid pseudarthrosis

Modes of action

- Stabilises and relieves the wrist
- Counteracts extension/flexion of the wrist
- Can relieve pain

Technical data



Article number	Size	Side	Wrist circumference
50P50=L-S	S	left (L)	9-11 cm
50P50=R-S	S	right (R)	9-11 cm
50P50=L-M	M	left (L)	11-13 cm
50P50=R-M	M	right (R)	11-13 cm
50P50=L-L	L	left (L)	13-15 cm
50P50=R-L	L	right (R)	13-15 cm



Further information on accessories and spare parts is found in section 7.

50P51 Manu Junior Pollex

Easy-to-use children's wrist support, stabilises and relieves the wrist and thumb joints

Features and benefits

- Aluminium splint, mouldable in volar area and additional support for thumb
 - Stabilises the wrist and thumb
- Child-friendly fit
 - Fit was specially developed for children's hands
- Flexible hook-and-loop closures
 - Very easy to use
- High-quality, slim material
 - Great design and good fit

Indications

- Congenital malformation on the wrist, carpus or thumb
- Overloading (tendinopathy)
- Ligament injury (lesion) in the area of the wrist or thumb
- Sprains of the wrist or thumb
- Instability in the wrist or thumb
- Impingement syndrome (ulnocarpal)
- Juvenile rheumatoid arthritis
- Irritation in the area of the wrist and thumb
- Partial paralysis
- Carpal tunnel syndrome

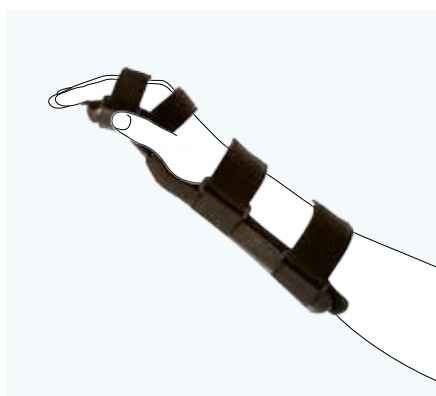
Modes of action

- Stabilises and relieves the wrist
- Counteracts extension/flexion of the wrist
- Can relieve pain

Technical data



Article number	Size	Side	Wrist circumference
50P51=L-S	S	left (L)	9-11 cm
50P51=R-S	S	right (R)	9-11 cm
50P51=L-M	M	left (L)	11-13 cm
50P51=R-M	M	right (R)	11-13 cm
50P51=L-L	L	left (L)	13-15 cm
50P51=R-L	L	right (R)	13-15 cm



Further information on accessories and spare parts is found in section 7.

50P10 Manu Immobil

Wrist brace with steel splint in the wrist joint area for immobilisation in a functional position

Features and benefits

- Steel splint in the wrist joint area
 - Individually adaptable
- SpaceTex material
 - Wicks away moisture
- Washable
 - Hygienic

Indications

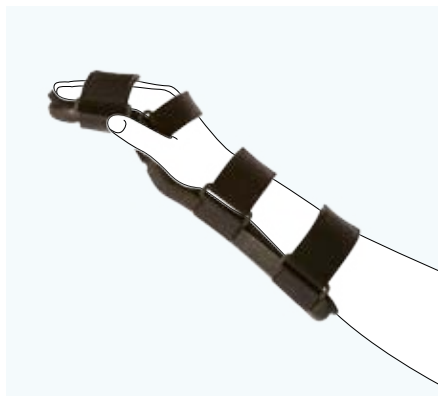
- Fracture and dislocation of the hand/wrist
- Condition after wrist, carpal or metacarpal surgery
- Irritation in the area of the wrist
- Carpal tunnel syndrome
- Joint wear (osteoarthritis) of the wrist
- Severe sprains

Modes of action

- Immobilises the wrist in a functional position
- Can relieve pain

Technical data

Article number	Size	Side
50P10	Universal	both sides



Further information on accessories and spare parts is found in section 7.

50P11 Manu Immobil Long

Wrist brace with steel splint in the wrist joint area and additional finger rest, immobilises the wrist and finger joints in a functional position

Features and benefits

- Steel splint in the wrist joint area
 - Individually adaptable
- Washable
 - Hygienic
- Finger rest
 - Functional positioning of the fingers

Indications

- Fracture and dislocation of the hand/wrist and finger
- Condition after wrist, carpal or metacarpal surgery
- Irritation in the area of the wrist and finger joints
- Carpal tunnel syndrome
- Joint wear (osteoarthritis) of the wrist
- Severe sprains

Modes of action

- Immobilises the wrist and finger joints in a functional position
- Can relieve pain

Technical data



Article number	Size	Side	Wrist circumference
50P11=M	M	both sides	Up to 18 cm
50P11=L	L	both sides	From 18 cm

























Accessories and spare parts.

Product overview.

Accessories and spare parts.

Ref. number	Product name	Image	Short description	Page
29A222	Exterior rotation kit for Omo Immobil		The 50A10 can be expanded with this service part for immobilisation of the shoulder in exterior rotation.	81
29K129	Sports cover for Patella Pro		The sports cover completely covers the Patella Pro so it can be used in contact sports.	81
29K317	Strap- and padding set Agilium Reactive		The Agilium Reactive spare part set consists of spare straps and spare pads.	81
29L95	Shoulder harness closure for Tübingen hip flexion and abduction orthosis		The shoulder harness closure is a spare part for the Tübingen hip flexion and abduction orthosis.	81
29L99-1	Shoulder pad set for Tübingen hip flexion and abduction orthosis		The shoulder pad kit consists of shoulder pads as a spare part for the Tübingen hip flexion and abduction orthosis.	81
29L106	Textile cover for thigh shells for Tübingen hip flexion and abduction orthosis		The textile cover for thigh shells is an accessory for the Tübingen hip flexion and abduction orthosis.	82
29R244	Pad set for 28R16 hyperextension orthosis		The set of pads for the hyperextension orthosis 28R16 consists of spare padding.	82
29R331	Sternal pad for Dorso Arexa		The sternal pad is a spare part for the Dorso Arexa.	82
29R343	Pad for back orthoses		The pad is suitable for use with Lumbo Carezza and Lumbo Direxa back orthoses.	82
29R351	Waistband for Dorso Arexa		The waistband is a spare part for Dorso Arexa.	82
29S1	Hook-and-loop closure		Hook-and-loop closure for Malleo Neurexa pro and Dyna Ankle.	83
29S2	Strap piece		Strap piece for Malleo Neurexa pro and Dyna Ankle	83
29S35	Heel wedges in 15°/30° for Walker, high		Heel wedges in 15°/30° as inserts for the Malleo Immobil Air Walker, high and Infinity Air Walker, high. For the right and left sides, respectively.	83
29S47	Heel wedges for Walker, high		The 10°/16°/22° heel wedges are suitable for the Infinity Air Walker, high and Malleo Immobil Air Walker, high.	83
29S142	Replacement liner for Malleo Immobil Air Walker, high		The spare liner is suitable for the Malleo Immobil Air Walker, high.	84
29S191	Replacement liner for Infinity Air Walker, high		The spare liner is suitable for the Infinity Air Walker, high.	84
29S192	Replacement liner for Infinity Air Walker, low		The spare liner is suitable for the Infinity Air Walker, low.	84
29Y191	Beaded cord for Tübingen hip flexion and abduction orthosis		The beaded cord is a spare part for Tübingen hip flexion and abduction orthosis	84
4003	Aluminium bar, short		The aluminium bar is suitable for the 4142, 4143, 4146 and 4055.	84
4014	Plastic splint, hard, 18 cm		The plastic bar is suitable for the 4058 and 4088.	84



29A222 Exterior rotation kit for Omo Immobil

The 50A10 can be expanded with this service part for immobilisation of the shoulder in exterior rotation.

Technical data

Article number	Accessory for	Size	Side
29A222=L-S/M	50A10=S Omo Immobil 50A10=M Omo Immobil	S/M	left (L)
29A222=R-S/M	50A10=S Omo Immobil 50A10=M Omo Immobil	S/M	right (R)
29A222=L-L	50A10=L Omo Immobil	L	left (L)
29A222=R-L	50A10=L Omo Immobil	L	right (R)



29K129 Sports cover for Patella Pro

The sports cover completely covers the Patella Pro so it can be used in contact sports.

Technical data

Article number	Accessory for	Size
29K129=XS	8320N=L-XS Patella Pro 8320N=L-XXS Patella Pro 8320N=R-XS Patella Pro 8320N=R-XXS Patella Pro	XS
29K129=S/M	8320N=L-M Patella Pro 8320N=L-S Patella Pro 8320N=R-M Patella Pro 8320N=R-S Patella Pro	S/M
29K129=L/XL	8320N=L-XL Patella Pro 8320N=R-L Patella Pro 8320N=R-XL Patella Pro 8320N=L-L Patella Pro	L/XL
29K129=XXL	8320N=L-XXL Patella Pro 8320N=R-XXL Patella Pro	XXL



29K317 Strap- and padding set Agilium Reactive

The Agilium Reactive spare part set consists of spare straps and spare pads.

Technical data

Article number	Spare part for
29K317=L	50K324=L-1 Agilium Reactive
29K317=R	50K324=R-1 Agilium Reactive



29L95 Shoulder harness closure for Tubingen hip flexion and abduction orthosis

The shoulder harness closure is a spare part for the Tubingen hip flexion and abduction orthosis.

Technical data

Article number	Side
29L95=L	left (L)
29L95=R	right (R)



29L99-1 Shoulder pad set for Tubingen hip flexion and abduction orthosis

The shoulder pad kit consists of shoulder pads as a spare part for the Tubingen hip flexion and abduction orthosis.

Technical data

Article number	Spare part for	Size
29L99-1=S-M	28L10=M Tubingen hip flexion and abduction orthosis 28L10=S Tubingen hip flexion and abduction orthosis	S/M
29L99-1=L	28L10=L Tubingen hip flexion and abduction orthosis	L



29L106 Textile cover for thigh shells for Tübingen hip flexion and abduction orthosis

The textile cover for thigh shells is an accessory for the Tübingen hip flexion and abduction orthosis.

Technical data

Article number	Accessory for	Size
29L106=S	28L10=S Tübingen hip flexion and abduction orthosis	S
29L106=M	28L10=M Tübingen hip flexion and abduction orthosis	M
29L106=L	28L10=L Tübingen hip flexion and abduction orthosis	L



29R244 Pad set for 28R16 hyperextension orthosis

The set of pads for the hyperextension orthosis 28R16 consists of spare padding.

Technical data

Article number	Size
29R244=S	S
29R244=M	M
29R244=L	L
29R244=XL	XL
29R244=XXL	XXL

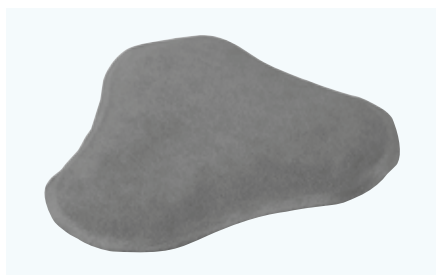


29R331 Sternal pad for Dorso Arexa

The sternal pad is a spare part for the Dorso Arexa.

Technical data

Article number	Size
29R331=S	Short
29R331=L	Long



29R343 Pad for back orthoses

The pad is suitable for use with Lumbo Carezza and Lumbo Direxa back orthoses.

Technical data

Article number	Size
29R343	Universal



29R351 Waistband for Dorso Arexa

The waistband is a spare part for Dorso Arexa.

Technical data

Article number	Size
29R351	Universal



29S1 Hook-and-loop closure

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

Technical data

Article number	Spare part for	Size	Side	Length
29S1=L35-37	50S1=L35-37 28U50=L35-37	35-37	left (L)	15.0 cm
29S1=R35-37	50S1=R35-37 28U50=R35-37	35-37	right (R)	15.0 cm
29S1=L37-39	50S1=L37-39 28U50=L37-39	37-39	left (L)	16.5 cm
29S1=R37-39	50S1=R37-39 28U50=R37-39	37-39	right (R)	16.5 cm
29S1=L39-41	50S1=L39-41 28U50=L39-41	39-41	left (L)	18.0 cm
29S1=R39-41	50S1=R39-41 28U50=R39-41	39-41	right (R)	18.0 cm
29S1=L41-44	50S1=L41-44 28U50=L41-44	41-44	left (L)	20.0 cm
29S1=R41-44	50S1=R41-44 28U50=R41-44	41-44	right (R)	20.0 cm

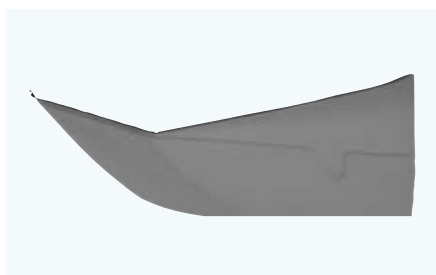


29S2 Strap piece

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 50S1 Dyna Ankle	35-37	29 cm
29S2=37-41	28U50 Malleo Neurexa pro 50S1 Dyna Ankle	37-41	33 cm
29S2=41-44	28U50 Malleo Neurexa pro 50S1 Dyna Ankle	41-44	37 cm



29S35 Heel wedges in 15°/30° for Walker, high

Heel wedges in 15°/30° as inserts for the Malleo Immobil Air Walker, high and Infinity Air Walker, high. For the right and left sides, respectively.

Technical data

Article number	Accessory for	Size	Side
29S35=L-S/M	50S19=M Infinity Air Walker, high 50S19=S Infinity Air Walker, high 50S12-1=M Malleo Immobil Air Walker, high 50S12-1=S Malleo Immobil Air Walker, high	S/M	left (L)
29S35=R-S/M	50S19=M Infinity Air Walker, high 50S19=S Infinity Air Walker, high 50S12-1=M Malleo Immobil Air Walker, high 50S12-1=S Malleo Immobil Air Walker, high	S/M	right (R)
29S35=L-L/XL	50S19=L Infinity Air Walker, high 50S19=XL Infinity Air Walker, high 50S12-1=XL Malleo Immobil Air Walker, high 50S12-1=L Malleo Immobil Air Walker, high	L/XL	left (L)
29S35=R-L/XL	50S19=L Infinity Air Walker, high 50S19=XL Infinity Air Walker, high 50S12-1=XL Malleo Immobil Air Walker, high 50S12-1=L Malleo Immobil Air Walker, high	L/XL	right (R)



29S47 Heel wedges for Walker, high

The 10°/16°/22° heel wedges are suitable for the Infinity Air Walker, high and Malleo Immobil Air Walker, high.

Technical data

Article number	Accessory for	Size	Side
29S47=L	50S19=M Infinity Air Walker, high 50S19=L Infinity Air Walker, high 50S19=S Infinity Air Walker, high 50S19=XL Infinity Air Walker, high 50S12-1=S Malleo Immobil Air Walker, high 50S12-1=M Malleo Immobil Air Walker, high 50S12-1=L Malleo Immobil Air Walker, high 50S12-1=XL Malleo Immobil Air Walker, high	Universal	left (L)
29S47=R	50S19=M Infinity Air Walker, high 50S19=L Infinity Air Walker, high 50S19=S Infinity Air Walker, high 50S19=XL Infinity Air Walker, high 50S12-1=S Malleo Immobil Air Walker, high 50S12-1=M Malleo Immobil Air Walker, high 50S12-1=L Malleo Immobil Air Walker, high 50S12-1=XL Malleo Immobil Air Walker, high	Universal	right (R)



29S142 Replacement liner for Malleo Immobil Air Walker, high

The spare liner is suitable for the Malleo Immobil Air Walker, high.

Technical data

Article number	Spare part for	Size
29S142=S	50S12-1=S Malleo Immobil Air Walker, high	S
29S142=M	50S12-1=M Malleo Immobil Air Walker, high	M
29S142=L	50S12-1=L Malleo Immobil Air Walker, high	L
29S142=XL	50S12-1=XL Malleo Immobil Air Walker, high	XL



29S191 Replacement liner for Infinity Air Walker, high

The spare liner is suitable for the Infinity Air Walker, high.

Technical data

Article number	Spare part for	Size
29S191=S	50S19=S Infinity Air Walker, high	S
29S191=M	50S19=M Infinity Air Walker, high	M
29S191=L	50S19=L Infinity Air Walker, high	L
29S191=XL	50S19=XL Infinity Air Walker, high	XL



29S192 Replacement liner for Infinity Air Walker, low

The spare liner is suitable for the Infinity Air Walker, low.

Technical data

Article number	Spare part for	Size
29S192=S	50S23=S Infinity Air Walker, low	S
29S192=M	50S23=M Infinity Air Walker, low	M
29S192=L	50S23=L Infinity Air Walker, low	L
29S192=XL	50S23=XL Infinity Air Walker, low	XL



29Y191 Beaded cord for Tübingen hip flexion and abduction orthosis

The beaded cord is a spare part for Tübingen hip flexion and abduction orthosis

Technical data

Article number	Size
29Y191	Universal



4003 Aluminium bar, short

The aluminium bar is suitable for the 4142, 4143, 4146 and 4055.

Technical data

Article number	Size
0400300009.	Universal



4014 Plastic splint, hard, 18 cm

The plastic bar is suitable for the 4058 and 4088.

Technical data

Article number	Size
0401400099.	Universal

The splints follow the wrist contour. They are pre-shaped to enable a functional rest position of the wrist joint and adapt to the contours of the palm, wrist and forearm. Plastic splints can be individually adapted with hot water (75–80 °C/167–176 °F). The material retains its shape and is environmentally friendly. Available in three stiffness levels. The aluminium splints are free of heavy metals such as chrome, nickel and zinc. They are adaptable to the patient's individual contours.

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