

Materials, semi-finished products and components for manufacturing prosthetic and orthopaedic devices.

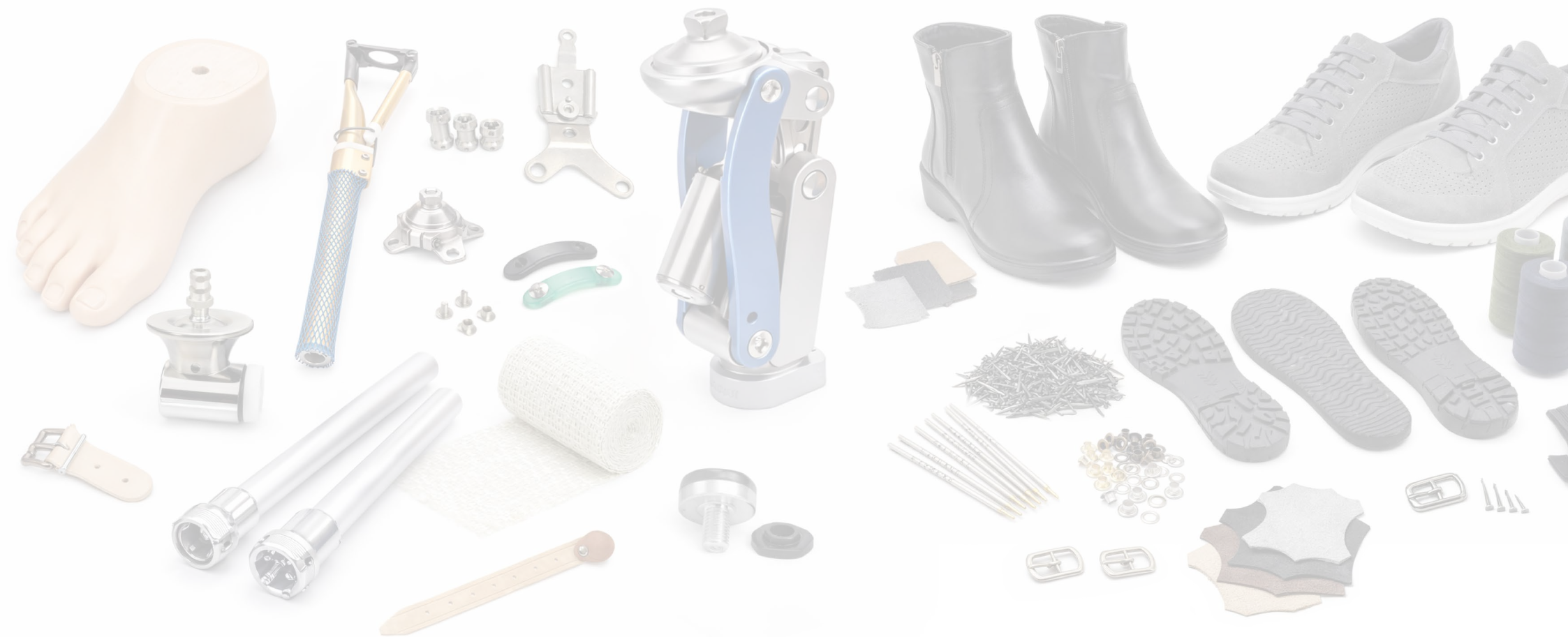


Image	Description		Unit
	Microprocessor-Controlled Knee Module		pcs
	INTELLIGENT AND INTUITIVE 21 sensory data channels Sampled at 2000 times/s Fused by sophisticated algorithms Intuitive and natural LIGHTWEIGHT AND LONG AUTONOMY 2.5kg incl. the battery 44+ hours battery standby time Typical 16-22 hours of battery duration between charges (depending on the actual use) ACTIVE SUPPORT AND ACTIVE SWING Engineered electric motor for active propulsion Climb stairs or slopes like everybody else Less strain and wear on the back and joints		
Technical specifications			
Weight	2.2	kg.	
Rating	P6, 125	kg.	
Build height	255	mm.	
Max. flexion	120	°	
Max. torque	100	Nm	
Protection	IP 45, weatherproof		
Battery standby time	44-55	hours	
Typical battery use duration	16-22	hours	
Charging time	2	hours	

Image	Description			Unit
	Microprocessor-Controlled Knee Module			pcs
	A bionic knee module designed for patients with transfemoral amputation. The product combines advanced technologies: microprocessor control, multi-component sensors, and hydraulics to simulate the natural biomechanics of walking. The knee module provides not just mobility, but the most natural, safe, and adaptive gait possible in real time. Materials and Design: the module is made entirely of carbon fiber, ensuring exceptional strength with minimal weight. Geometry: the housing has an anatomical shape that imitates the contours of a healthy limb, improving the cosmetic appearance and comfort when wearing clothing. Key Functional Features for Specialists: The module does not simply respond to movement — it anticipates it thanks to multisensor fusion technology. The system instantly collects and analyzes gait data, calculates the current posture, and uses AI-based algorithms to predict the user’s next action. A key structural element is the miniature intelligent hydraulic damping system. It is controlled with millisecond-level precision and dynamically adjusts resistance in the knee joint. This allows the patient to move smoothly and safely across different surfaces, from level floors to sand and grass, as well as overcome slopes and perform alternating descent on stairs. One of the most important features is stumble protection. In the event of a sudden change in gait, the microprocessor detects the critical situation within 20 milliseconds and immediately increases damping, blocking sudden knee flexion and preventing the user from falling. Calibration, activation, and mode switching — for example, enabling cycling mode — are performed wirelessly via a mobile app using Bluetooth. This allows precise adjustment of the module without the need for wired connections or service equipment.			
Technical specifications				
Type	Bionic	Dust and water protection rating	IP67	
Connection type	Pyramid	Equivalent model	C-Leg 4, Ottobock	
Material	Aluminum			
Weight	1350 g			
Maximum user weight	136 kg			
Activity level	K2–K4			
Flexion angle	125°			
Battery life	60 hours			
	Type-C			

Image	Description		
	Genesis Hand GHQ-01 bionic system		pcs
	Key features of Genesis bionic hands Optimized grip stability: Silicone on fingertip and palmar surfaces enhances grip stability and provides superior surface contact, ensuring a secure grip. Lightweight design: weighs only 500 grams. The lightweight design reduces the load on prostheses and robotic manipulators, improving accuracy, efficiency, and user comfort. Six degrees of freedom: Each hand is equipped with six individually actuated joints, increasing functionality and range of motion, delivering precise and smooth movements. Fully modular design: Patented modular system allows quick disassembly and replacement of components such as individual finger modules, ensuring minimal downtime and ease of maintenance. Ideal compatibility: The Genesis hand is the optimal choice for pairing with elbow modules such as Stepper, Keshen, etc.		
Technical specifications			
Article number	GHQ-01		
Type	Bionic		
Grip types	16 basic grasps		
Material	Aluminum		
Weight	350	g.	
Package contents	Genesis hand, tablet with software, spare fingers, small hex key, large hex key, spare fingertip covers, socket embedment, large locking ring for embedment, small locking ring for embedment, tablet, myosensor harness 300mm, myosensors, electronic board, control unit, charging port with USB Type-C female connector, battery, hand-to-socket adapter, battery embedment, USB Type-C charging cable, power supply for charging, button		

Image	Description		Unit
	3FH-SARH High hydraulic knee module		pcs
	Waterproof single-axis hydraulic knee module with dynamic stance-phase flexion – an innovative solution in prosthetics and orthopaedics. Key features: - Dynamic stance-phase flexion – ensures smooth gait and adaptation to the patient's individual parameters. - Proximal pyramid connection – improved load distribution, reduced wear, and increased stability. - Patient activity level 3-4 (moderate to high, including walking on uneven surfaces and climbing stairs). - Maximum load up to 120 kg, making the module suitable for most users. Allows patients to restore natural gait biomechanics. Provides comfort during prolonged walking and reduces fatigue. Suitable for active users, including athletes. This module combines hydraulic control, polycentric kinematics, and individual adjustment, making it an effective solution for users requiring high functionality and reliability of the knee joint.		
Technical specifications			
Article number	3FH-SAH80		kg.
Type	High		
Connection type	Pyramid		
Material	Aluminum + Titanium		
Weight	1350	g.	
Max. user weight	120		
Activity level	K3-K4		
Flexion angle	135	°	
Equivalent	3R80	ottobock	

Image			Unit
	3FH-7ARH 7-axis hydraulic knee module		pcs
	Designed for use in modern lower limb prostheses. It provides smooth and natural walking motion as well as reliable locking in standing position thanks to the 7-axis geometric lock. Key features: Hydraulic control – ensures smooth knee flexion and extension, adapting to different walking speeds. 7-axis geometric lock – guarantees user stability and safety in standing position, preventing unwanted flexion. Robust and lightweight construction – made of high-quality materials combining durability and comfort. Adjustable parameters – allows individual tuning of resistance and range of motion to user needs. Recommended for active users with transfemoral amputation who need a reliable and functional knee module for daily life and moderate physical activity.		
Technical specifications:			
Article number	3FH-7ARH		
Type	7-axis		
Connection type	Pyramid		
Material	Aluminum + Titanium		
Weight	890	g.	
Max. user weight	125	kg.	
Activity level	K3-K4		
Flexion angle	135	°	

Image	Description		Unit
	3FH65 Water-resistant hydraulic knee module with geometric lock		pcs
	Hydraulic polycentric module for transfemoral prosthetics – an innovative solution designed for users with moderate activity levels (K1–K3). Key features: - Water resistance – protects against moisture, increasing prosthesis durability. - Pyramid connections (proximal and distal) - Enhanced safety – reliable component fixation. - Adjustment flexibility – ability to adapt to individual patient needs. - Lightweight construction – weight reduction without loss of strength. This module is suitable for active patients who do not require extreme load solutions (K3). Its design promotes natural movement and comfort during use.		
Technical specifications:			
Article number	3FH65		
Type	Water-resistant		
Connection type	Pyramid		
Material	Aluminum + Titanium		
Weight	840	g.	
Max. user weight	125	kg.	
Activity level	K1-K3		
Flexion angle	140	°	

Image	Description		Unit
	3F95 Hydraulic knee module		pcs
	Knee module 3F95 – a hydraulic knee device with a mechanical lock, designed for users with activity levels K1–K3 (from sedentary lifestyle to confident outdoor walking). The hydraulic system provides smooth control of flexion and extension during swing phase, adapting to the patient's walking speed, while the lock ensures stability during stance.		
Technical specifications:			
Article number	3FH95		
Type	Hydraulic + Lock		
Connection type	Pyramid		
Material	Aluminum + Steel		
Weight	980	g.	
Max. user weight	125	kg.	
Activity level	K1-K3		
Flexion angle	150	°	

Image	Description		Unit
	3FH60 Hydraulic knee module		pcs
	Hydraulic polycentric knee module with dynamic stance-phase flexion – an innovative solution in prosthetics and orthopaedics. Key features: - Dynamic stance-phase flexion – ensures smooth gait and adaptation to individual patient parameters. - Two hydraulic-spring units – allow adjustment of stiffness and damping depending on load and movement speed. - Proximal pyramid connection – improved load distribution, reduced wear, and increased stability. - Distal clamping clamp (30 mm) – reliable fixation, preventing displacement during active movements. - Patient activity level 3-4 (moderate to high, including walking on uneven surfaces and climbing stairs). - Maximum load up to 125 kg, making the module suitable for most users. Allows patients to restore natural gait biomechanics. Provides comfort during prolonged walking and reduces fatigue. Suitable for active users, including athletes. This module combines hydraulic control, polycentric kinematics, and individual adjustment, making it an effective solution for users requiring high functionality and reliability of the knee joint.		
Technical specifications:			
Article number	3FH60		
Type	High		
Connection type	Pyramid		
Material	Aluminum + Titanium		
Weight	1070	g.	
Max. user weight	125	kg.	
Activity level	K3-K4		
Flexion angle	135	°	
Equivalent	3R60	Ottobock	

Image	Description		Unit
	3F32 Hydraulic knee module		pcs
	Hydraulic polycentric knee module with hydraulic swing phase control – a sophisticated mechanism for lower limb prosthetics. It ensures smooth gait through adjustable hydraulics and is suitable for patients with high activity levels (3-4 according to K-level classification). Key features: - Polycentric design – mimics natural knee biomechanics, providing stability and smooth motion. - Hydraulic swing phase control – automatically adapts to walking speed, adjusting flexion and extension resistance. - Two hydraulic-spring units – manage two modes of operation (e.g., walking on level ground and descending stairs). - Pyramid connection (proximal and distal) – standard interface for attachment to other prosthetic components. - Maximum user weight – up to 125 kg. - Activity level – K3-K4 (suitable for active users, including fast walking, running, overcoming obstacles). This module is suitable for people with transfemoral amputation who lead an active lifestyle. The hydraulic system ensures natural gait and reduces stress on the musculoskeletal system.		
Technical specifications:			
Article number	3F32		
Type	Dual-mode		
Connection type	Pyramid		
Material	Aluminum + Titanium		
Weight	880	g.	
Max. user weight	125	kg.	
Activity level	K3-K4		
Flexion angle	135	°	
Equivalent	3R60	Ottobock	

Image	Description		Unit
	3F36 Hydraulic polycentric knee module		pcs
	Advanced hydraulic system designed for transfemoral amputation prosthetics. It provides smooth and natural movement, adapting to different walking speeds, making it an ideal choice for active users. Key features: Hydraulic control – automatically adjusts flexion and extension resistance depending on walking pace. High stability – robust construction prevents unwanted buckling during stance phase. Polycentric mechanics – improved joint kinematics for a more natural gait. Adjustable parameters – ability to customize to user weight and activity level. Durability – housing and internal components made of strong, long-lasting materials.		
Technical specifications:			
Article number	3F36		
Type	Hydraulic		
Connection type	Pyramid		
Material	Aluminum/Titanium		
Weight	978	g.	
Max. user weight	125	kg.	
Activity level	K3-K4		
Flexion angle	135	°	
Equivalent	OHP3 KNEE	Metiz	

Image	Description		Unit
	3F25P-B Pneumatic knee module		pcs
	A model developed for maximum comfort and natural movement. Thanks to an innovative pneumatic system, the module provides smooth and adaptive walking, adjusting to the user's individual rhythm. Key features: Pneumatic mechanism – automatically adjusts resistance during flexion and extension, mimicking the natural action of the knee joint. Optimal weight and strength – made of lightweight and durable materials, ensuring comfort during long-term use. Stability and control – improved design guarantees reliable locking and reduces the risk of unwanted oscillations during walking. Ease of adjustment – allows individual adaptation of the module to patient needs. Recommended for active transfemoral amputees with a dynamic lifestyle. Ideal for daily use, walking, and moderate physical activity.		
Technical specifications:			
Article number	3F25P-B		
Type	Pneumatic		
Connection type	Pyramid		
Material	Aluminum		
Weight	860	g.	
Max. user weight	125	kg.	
Activity level	K1-K3		
Flexion angle	135	°	

Image	Description		Unit
	3F25P Pneumatic knee module		pcs
	Pneumatic knee module provides smooth and natural movement. Module type: Pneumatic Mounting type: Pyramid Material: Aluminum (AL) Weight: 850 g Max. load: 100 kg Durability class: K2-K3		
Technical specifications:			
Article number	3F25P		
Type	Pneumatic		
Connection type	Pyramid		
Material	Aluminum		
Weight	850	g.	
Max. user weight	100	kg.	
Activity level	K2-K3		
Flexion angle	135	°	

Image	Description		Unit
	3F27P Pneumatic knee module		pcs
	Represents an advanced solution combining the benefits of pneumatic control with an automatic locking function. This unique combination ensures natural walking dynamics while guaranteeing reliable joint locking in hazardous situations. Key features: More natural and smooth gait, effortless during swing phase. Next-generation load-bearing self-locking design provides good stability. At the same time, the joint smoothly transitions from stance to swing, making the user's gait more natural. Compared to traditional load-bearing self-locking joints, patients can start moving smoothly without unlocking. Unique self-locking load-bearing design provides pre-flexion of the joint at the end of the stance phase. Final-stage damping and adjustable carbon fiber frame design make the joint lighter.		
Technical specifications:			
Article number	3F27P		
Type	Dual-mode		
Connection type	Pyramid		
Material	Aluminum		
Weight	850	g.	
Max. user weight	135	kg.	
Activity level	K2-K4		
Flexion angle	135	°	

Image	Description		Unit
	3F28P Pneumatic knee module		pcs
	Represents a generation of knee modules with a unique 5-axis mobility system, providing unprecedented anatomical precision of movement. This high-tech component reproduces the complex biomechanics of the natural knee joint, offering users a qualitatively new level of comfort and functionality. Key features: Five-axis kinematics – most accurately mimics physiological joint movement. Adaptive pneumatic system with intelligent resistance control. Multi-level stabilization – automatic adjustment during stance phase. Titanium-aluminum alloy – optimal combination of strength and lightness. Dynamic adaptation to different walking speeds. Smooth transition between gait phases. Reduction of impact loads on the residual limb. Individual adjustment of movement parameters. Compatibility with microprocessor systems.		
Technical specifications:			
Article number	3F28P		
Type	Five-axis		
Connection type	Pyramid		
Material	Titanium		
Weight	943	g.	
Max. user weight	125	kg.	
Activity level	K3-K4		
Flexion angle	135	°	

Image	Description		Unit
	WPK-001B Water-resistant knee module with locking mechanism		pcs
	This knee joint is made of aluminum and weighs only 275 g. It is a waterproof knee joint with high stability and good shock absorption. You will feel more comfortable, natural, and safe with it.		
Technical specifications:			
Article number	WPK-001B		
Type	Waterproof		
Connection type	Pyramid		
Material	Aluminum		
Weight	275	g.	
Max. user weight	125	kg.	
Activity level	K1-K4		
Flexion angle	135	°	

Image	Description		Unit
	<i>WPK-001 Water-resistant knee module with locking mechanism</i>		pcs
	This knee joint is made of aluminum and weighs only 275 g. It is a waterproof knee joint with high stability and good shock absorption. You will feel more comfortable, natural, and safe with it.		
Technical specifications:			
Article number	WPK-001		
Type	Waterproof		
Connection type	Pyramid		
Material	Aluminum		
Weight	275	g.	
Max. user weight	125	kg.	
Activity level	K1-K4		
Flexion angle	135	°	

Image	Description		Unit
	WPK-002B Water-resistant knee module with locking mechanism		pcs
	Designed to protect the knee from water, as well as to fix or provide therapeutic effect on the joint. Waterproofing protects the knee joint from water ingress, important for people with post-operative sutures, wounds, or skin conditions. Joint fixation can provide light support, preventing excessive mobility. Made of medical silicone, neoprene, or other flexible, water-resistant material.		
Technical specifications:			
Article number	WPK-002B		
Type	Waterproof		
Connection type	Pyramid		
Material	Aluminum		
Weight	275	g.	
Max. user weight	125	kg.	
Activity level	K1-K4		
Flexion angle	135	°	

Image	Description		
	1F101 SACH foot		pcs
	Foot with polyurethane SACH element (Solid Ankle Cushion Heel) – a common solution for people with lower limb amputation, providing comfort and functionality during walking. Key features: - SACH – rigid ankle with cushioned heel. Polyurethane heel – absorbs shock during step, mimicking natural ankle movement. Rigid sole – provides stability and smooth foot roll-over. Simple design – no moving parts reduces risk of breakage. Lightweight – polyurethane is lighter than rubber, making the prosthesis more comfortable. Durability – resistant to abrasion and deformation. Indications for use: Transtibial and transfemoral amputations. Low or moderate user activity.		
Technical specifications:			
Article number	1F101		
Type	Solid Ankle Cushion Heel		
Sizes available	21-30	right/left	
Material	Polyurethane		
Weight	140–650	g.	
Max. user weight	110	kg.	
Activity level	K1-K4		
Equivalent	1S101	ottobock	
	Foot adapter		pcs
	Component used in lower limb prosthetics to connect the prosthetic foot to other structural elements. Material: Steel (SS) / Aluminum (Al)		
Technical specifications:			
Article number	2R8-M10		
Type	Adapter		
Material	SS/AL		

Image	Description		Unit
			pcs
	Swimming foot with non-slip sole. Polyurethane foot provides shock absorption and smooth roll-over. Non-slip sole is safe on wet surfaces. The pyramid adapter (for steel or titanium pyramid) securely attaches the foot to prosthetic systems. * Activity level 1-4 * Load capacity up to 125 kg. * Sizes: 23-29.		
Technical specifications:			
Article number	1FES-N		
Type	Waterproof / Non-slip		
Sizes available	23-29	right/left	
Material	Polyurethane		
Weight	140–650	g.	
Max. user weight	120	kg.	
Activity level	K1-K4		
Equivalent	1WR95	ottobock	

Image	Description							Unit
	1FC25 Low-profile carbon foot							pcs
	Low-profile carbon foot 1FC25 – a modern modular solution for active users with lower limb impairments. Thanks to its full-carbon construction and reduced height (low-profile design), it is ideal for patients with long residual limbs or when maximum prosthetic cosmesis is required. The model provides natural walking dynamics and smooth heel-to-toe roll-over.							
Technical specifications:								
Article number	1C25							
Type	Low-profile							
Sizes available	22-27	right/left						
Material	Carbon							
Max. user weight	120	kg.						
Activity level	K1-K4							
Stiffness level	1	2	3	4	5	6	7	
	50-60	60-70	70-80	80-90	90-100	100-115	115-125	

Image	Description							Unit
	1FC65 Carbon foot							pcs
	1FC65 carbon foot – an energy-storing carbon foot designed for users weighing up to 120 kg and activity levels from low to high. Thanks to its full-carbon construction and optimized keel geometry, the foot efficiently stores and returns energy during heel-to-toe roll-over, reducing energy expenditure during walking and providing natural gait biomechanics.							
Technical specifications:								
Article number	1FC65							
Type	Energy-storing							
Sizes available	22-28	right/left						
Material	Carbon							
Max. user weight	120	kg.						
Activity level	K1-K4							
Stiffness level	1	2	3	4	5	6	7	
	50-60	60-70	70-80	80-90	90-100	100-115	115-125	

Image	Description							Unit
	1CFH-BALL High-ankle foot							pcs
	Carbon fiber torsional foot that returns energy during walking and running. Material: Carbon fiber – provides high strength, elasticity, and minimal weight. Available in sizes 22 to 28 cm. Weight: 350 to 450 grams depending on size. Recommended load – up to 125 kg. Durability class: K1-K4. Designed for use in conditions ranging from daily to high loads.							
Technical specifications:								
Article number	1CFH-BALL							
Type	Energy-storing							
Sizes available	22-28	right/left						
Material	Carbon							
Weight	350-450	g.						
Max. user weight	125	kg.						
Activity level	K1-K4							
Stiffness level	1	2	3	4	5	6	7	
	50-60	60-70	70-80	80-90	90-100	100-115	115-125	

Image	Description							Unit
	1CFH-SP Running foot							pcs
	Carbon fiber foot for running. Activity level: K1-K4. Split toe and heel allow comfortable walking on any surface. High level of energy saving and dynamic return of stored energy. Reduced foot profile.							
Technical specifications:								
Article number	1CFH-SP							
Type	Sports							
Sizes available	23-28	right/left						
Material	Carbon							
Weight	300-500	g.						
Max. user weight	125	kg.						
Activity level	K1-K4							
Stiffness level	1	2	3	4	5	6	7	
	50-60	60-70	70-80	80-90	90-100	100-115	115-125	

Image	Description							Unit
	1CFH-AH Heel height adjustable foot							pcs
	Ability to change foot angle and height for wearing different shoes and ensuring optimal socket fit. Material: Carbon fiber Size range (foot length): 23-28 cm Weight: 400-750 g Max. load: 125 kg Activity level: K1-K4 (from daily to high activity)							
Technical specifications:								
Article number	1CFH-AH							
Type	Energy-storing							
Sizes available	23-28	right/left						
Material	Carbon							
Weight	400-750	g.						
Max. user weight	125	kg.						
Activity level	K1-K4							
Stiffness level	1	2	3	4	5	6	7	
	50-60	60-70	70-80	80-90	90-100	100-115	115-125	

Image	Description							Unit
	1CFL-AL2 Carbon foot with cover							pcs
	Energy-storing low-profile foot with aluminum pyramid adapter, split toe and heel. An innovative ankle prosthesis combining advanced materials and ergonomic design for maximum comfort and natural movement. Thanks to aerospace-grade carbon fiber and aluminum adapter, the prosthesis has increased durability with minimal weight. Improved curves provide a smooth and natural gait, reducing stress on the musculoskeletal system. Designed with weight and anthropometric characteristics in mind, ensuring comfort during prolonged wear. Reduced construction height expands applications and makes the prosthesis accessible to a wider range of users. Indications for use: Active users with transtibial amputation. People who value natural walking and lightweight construction.							
Technical specifications:								
Article number	1CFL-AL2							
Type	Carbon							
Sizes available	22-28	right/left						
Material	Carbon Fiber							
Weight	280-680	g.						
Max. user weight	100	kg.						
Activity level	K1-K4							
Stiffness level	1	2	3	4	5	6	7	
	50-60	60-70	70-80	80-90	90-100	100-115	115-125	

Image	Description							Unit
	1CFH Carbon foot with cover and titanium adapter							pcs
	Energy-storing high-ankle foot with split toe and heel. The frame returns energy, facilitating movement. Material: Carbon fiber Adapter material: Aluminum (AL) or Titanium (TI). Size range: 22-28 cm. Weight: 350-450 g. Max. load: 125 kg. Durability class: K1-K4.							
Technical specifications:								
Article number	1CFH							
Type	Titanium adapter							
Sizes available	22-28	right/left						
Material	Carbon							
Weight	350-450	g.						
Max. user weight	125	kg.						
Activity level	K1-K4							
Stiffness level	1	2	3	4	5	6	7	
	50-60	60-70	70-80	80-90	90-100	100-115	115-125	

Image	Description				Unit
 	3TS-005 Terry cloth stump sock				pcs
	Designed to reduce pressure on the stump, increasing comfort during daily prosthesis wear. Also helps compensate for volume loss of the residual limb. Key features: - Made of soft cotton, pleasant to the skin and effectively wicks moisture. - Flat seams eliminate chafing, ensuring comfort even during prolonged use. - Elastic band securely holds the sock without constricting. - High wear resistance and abrasion resistance. - Recommended gentle wash at 30°C.				
Technical specifications:					
Article number	3TS-005				
Type	Terry cloth				
Sizes available	30	40	50	mm.	
Material	Cotton fabric				

Image	Description		Unit
	3CS-001 Cotton cosmetic sock		pack (2pcs)
	Made of high-quality cotton, it provides perfect ventilation, softness, and a natural appearance for the prosthesis. Natural materials ensure comfort all day long.		
Technical specifications:			
Article number	3CS-001		
Type	Sock		
Sizes available	30/40/50	cm.	
Material	Cotton fabric		
	3NS-002 Nylon cosmetic sock		pack (2pcs)
	Made of high-strength nylon with special weave, it provides reliable protection for the prosthesis while maintaining a natural appearance. For users who value durability and practicality.		
Technical specifications:			
Article number	3NS-002		
Type	Sock		
Sizes available	30/40/50	cm.	
Material	Nylon		

Image	Description		Unit
	<i>FAC-1 Belt for securing thigh prosthesis</i>		pcs
	FAC-1 belt is designed to secure a thigh prosthesis after amputation. It is used during rehabilitation, providing stability and comfort when wearing the prosthesis. Main functions of the FAC-1 belt: Secures the prosthesis – prevents displacement and ensures a snug fit. Even load distribution – reduces pressure on the stump. Skin protection – reduces friction and irritation. Accelerates adaptation – helps the user get used to the prosthesis more quickly. When used: After transfemoral amputation. In the early postoperative period. During rehabilitation and gait training with a prosthesis. Design features: Adjustable straps for individual fit. Breathable materials for comfort. Reinforced support for the pelvic and thigh area.		
Technical specifications:			
Article number	FAC-1		
Type	Belt		
Sizes available	S/M/L/XL/XXL/XXXL	right/left	
Gender	Unisex		
Material	Neoprene		
Fixation level	Immobilization		
Color	Beige		

Image	Description		Unit
	<i>NYS Knit reinforcing sleeve</i>		kg/roll
	Reinforcing knit sleeve, provides a perfectly smooth surface for the outer layer of the socket. Suitable for use with any type of resin.		
Technical specifications:			
Article number	NYS		
Type	Sleeve		
Material	Nylon		
Color	White		
Sizes:	5/7.5/10/13/15/20 cm		
	1 kg/roll		
	<i>NYS-N Knit reinforcing sleeve</i>		
	NYS-H reinforcing knit sleeve made of nylon, highly stretchable, provides a perfectly smooth surface for the outer layer of the socket. High-elasticity nylon knit ensures strong stretchability. Reinforced, strengthened weave adds strength without loss of stretch. Suitable for use with any type of resin.		
Technical specifications:			
Article number	NYS-N		
Type	Sleeve		
Material	Nylon		
Color	White		
Sizes:	5/7.5/10/13/15/20 cm		
	1 kg/roll		

Image	Description	Unit
	TR4 Thermoline	sheet/pcs
	EVA sheet plastic Applications For making shoe insoles, for making flexible diagnostic/functional inserts for prosthetic feet, for making flexible diagnostic inserts for lower and upper limb prostheses, for making waterproof splints and fixators, for making valves and fasteners for orthoses, for making flexible orthosis blanks. Advantages Elastic throughout service life, stable dimensions, high friction, more comfortable design with rounded edges, comfortable to wear, wide color selection, washable, subsequent welding possible, self-adhesive when heated.	
Technical specifications:		
Article number	TR4	
Material	Thermoline	
Color	White/Black/Beige	
Dimensions (LxWxT)	1115*900*4 mm	
	Sheet	

Image	Description		Unit
	SPDT(HD)/SPFR(FR) Gel liner		pcs
	High-quality product designed to enhance comfort and functionality of prosthetic systems. The liner is made of high-density gel, providing cushioning and reducing load on the stump. Key features: Hypoallergenic material – safe for skin, does not cause irritation. Anatomical shape – follows limb contours for optimal fit. Durability – resistant to deformation and prolonged loads. Versatility – compatible with various prosthetic systems. Easy care – easily cleaned with water and mild detergents. Recommended for use with lower and upper limb prostheses as an intermediate layer between the socket and skin. Provides soft support, reduces friction, and increases comfort when wearing the prosthesis.		
Technical specifications:			
Article number	SPDT(HD)	SPFR(FR)	
Type	With locking and non-locking attachment		
Size	20,24,26,28,32,35,38		
Material	High-density gel		
Thickness	3mm, 6mm		
Activity level	K1-K4		
Knit cover	yes		
Gradient	yes		
Water permeability	yes		

Image	Description	Unit
	TL-24 Gel liner	pcs
	Maximum comfort in a universal solution. Key advantages: Soft cushioning: Made of high-quality medical silicone for effective shock absorption and increased walking comfort. Perfect fit: Optimal circumferential expansion allows the liner to gently and accurately adapt to natural volume changes of the residual limb throughout the day. Ease of use: Especially soft and elastic material minimizes friction, allowing easy rolling on and off when donning the prosthesis. Versatility: Suitable for use with any type of lock and suspension system. Uniform wall thickness of 3 mm ensures predictable and stable cushioning. The solution is ideal for users who value comfort, ease of use, and need a reliable adaptive solution for daily activity.	
Technical specifications:		
Article number	TL-24	
Type	With locking and non-locking attachment	
Size	21, 22, 23,5, 24, 26, 30, 34, 36, 38, 40, 42, 44	
Material	High-density gel	
Thickness	3 mm	
Activity level	K1-K4	
Knit cover	yes	
Gradient	yes	
Water permeability	yes	

Image	Description		Unit
	2F2 SS/2F3 SS Load-bearing module		pcs
	Load-bearing module, specifically designed for transtibial and transfemoral prostheses. It is a key structural element that ensures stability, reliability, and functionality of the lower limb prosthesis.		
Technical specifications:			
Article number	2F2/2F3		
Tube length	200	2F2 SS	
Tube length	400	2F3 SS	
Material	Steel		
Max. user weight	125	kg.	
Activity level	K1-K4		
	2F2 AL/2F3 AL Load-bearing module		pcs
	Aluminum load-bearing module, a high-tech prosthetic component that performs supportive and structural functions. It provides: Rigidity and strength of construction. Stability during walking and loading. Compatibility with other prosthetic modules (knee mechanisms, feet, mounts). Specifically designed for transtibial and transfemoral prostheses.		
Technical specifications:			
Article number	2F2/2F3		
Tube length	200	2F2 AL	
Tube length	400	2F3 AL	
Material	Aluminum		
Max. user weight	125	kg.	
Activity level	K1-K4		

Image	Description		Unit
	2F2CF/2F3CF Load-bearing module (carbon fiber)		pcs
	Carbon fiber load-bearing module, a high-tech prosthetic component that performs supportive and structural functions.		
Technical specifications:			
Article number	2F2CF/2F3CF		
Length	200/400		
Material	Carbon		
Activity level	K1-K4		
	4F21-AL Adapter / 4F21-SS Adapter		pcs
	4F21 adapter, a specialized connecting element used in modular transtibial and transfemoral prostheses. It provides: Reliable connection between the socket and prosthetic working modules. Lightness and strength thanks to aluminum alloy. Length and angle adjustment for individual fit to patient anatomy.		
Technical specifications:			
Article number	4F21	AL/ SS	
Type	Adapter		
Material	Aluminum/steel		
Max. user weight	125	kg.	
Activity level	K1-K4		

Image	Description		Unit
	4F27-SS Double offset adapter - 32mm/45mm/60mm/75mm		pcs
	4F27 steel double offset adapter: 32mm; 45mm; 60mm; 75mm – designed to correct prosthesis position relative to the socket. Used when: Compensation for anatomical features (short residual limb, non-standard joint position) is required. Gait correction (center of gravity shift) is needed. Increased prosthesis wearing comfort is desired. Design features: Double connection (upper and lower pyramids) Fixed offset (can be in different planes) Steel construction – high strength and durability		
Technical specifications:			
Article number	4F27	SS	
Type	Adapter		
Material	Steel		
Max. user weight	120+	kg	
Activity level	K1-K4		

Image	Description		Unit
	4F24 Angle adapter		pcs
	Used for lower limb prosthetics.		
Technical specifications:			
Article number	4F24		
Type	Adapter		
Material	Steel		
Bevel angle	10	°	
Activity level	K1-K4		
	4F25 Adjustable adapter with pyramid		шт.
	Used for lower limb prosthetics.		
Technical specifications:			
Article number	4F25		
Type	Adapter		
Material	Steel		
Activity level	K1-K4		
	4F30 Offset bushing adapter		
	The adapter is used in thigh prostheses for short residual limbs, and in transtibial prostheses instead of a load-bearing module for long residual limbs.		
Technical specifications:			
Article number	4F30		
Type	Adapter		
Material	Steel	Aluminum	
Activity level	K1-K4		

Image	Description		Unit
	4F23 Flanged socket adapter with pyramid		pcs
	The adapter is intended for lamination into the transtibial prosthetic socket.		
Technical specifications:			
Article number	4F23		
Type	Adapter		
Material	Steel		
Proximal connection	Pyramid		
Distal connection	Pyramid receiver		
	4F63-IF Rotating adapter for pyramid		pcs
	The adapter is intended for lamination into the transfemoral prosthetic socket.		
Technical specifications:			
Article number	4F63-IF		
Type	Adapter		
Material	Steel		
Уровень активности	K1-K4		

Image	Description		Unit
	4F63-RF Rotating 4-lobe adapter for pyramid		pcs
	The adapter is intended for lamination into the transfemoral prosthetic socket.		
Technical specifications:			
Article number	4F63-RF		
Type	Adapter		
Material	Steel		
Proximal connection	Four lobes		
Distal connection	Pyramid receiver		
Activity level	K1-K4		
	4F63-RM 4-lobe socket adapter with pyramid		pcs
	The adapter is intended for lamination into the transfemoral prosthetic socket.		
Technical specifications:			
Article number	4F63-RM		
Type	Adapter		
Material	Steel		
Proximal connection	Four lobes		
Distal connection	Pyramid		
Activity level	K1-K4		

Image	Description		Unit
	4F41L Rotating 3-lobe adapter for pyramid - 40/55/70mm		pcs
	Mechanical component used for connecting prosthetic modules and adjusting their position.		
Technical specifications:			
Article number	4F41L		
Type	Adapter		
Material	Steel		
Proximal connection	Three lobes		
Activity level	K1-K4		
	4F43 4-lobe socket adapter for pyramid		pcs
	The adapter is intended for lamination into the transfemoral prosthetic socket.		
Technical specifications:			
Article number	4F43		
Type	Adapter		
Material	Steel		
Proximal connection	Four lobes		
Distal connection	Pyramid receiver		
Activity level	K1-K4		

Image	Description		Unit
	4F44 4-lobe socket adapter with pyramid		pcs
	The adapter is intended for lamination into the transfemoral prosthetic socket.		
Technical specifications:			
Article number	4F44		
Type	Adapter		
Material	Steel	Titanium	
Proximal connection	Four lobes		
Distal connection	Pyramid		
Activity level	K1-K4		
	4F42 Adapter, steel, 3-lobe, socket type with pyramid, with rotation		pcs
	4F42 adapter is a steel socket-type adapter with 3-lobe mounting and pyramid connection, equipped with a rotation mechanism. Designed for use in modular lower limb prostheses. Main functions: Reliable fixation of the socket to the prosthetic module via 3-lobe mounting. Rotation – allows natural leg rotation during walking, reducing load on the residual limb. Pyramid connection – compatibility with most modern prosthetic components. Steel construction – increased strength and durability, suitable for active users and high loads.		
Technical specifications:			
Article number	4F42		
Type	Adapter		
Proximal connection	Three lobes		
Distal connection	Pyramid		
Material	Steel		
Max. user weight	125	kg.	
Activity level	K1-K4		

Image	Description		Unit
	4F45 Adapter, steel, 3-lobe, socket type with pyramid		pcs
	4F45 adapter is a steel socket-type adapter with 3-lobe mounting and pyramid connection, designed for rigid and reliable fixation of modular lower limb prostheses. Main functions: Strong connection of the socket to prosthetic components 3-lobe mounting – ensures even load distribution Pyramid connection – compatibility with most modern prosthetic systems Steel construction – maximum strength and durability		
Technical specifications:			
Article number	4F45		
Type	Adapter		
Proximal connection	Three lobes		
Distal connection	Pyramid		
Material	Steel		
Max. user weight	125	kg.	
Activity level	K1-K4		

Image	Description		Unit
	4F41 Adapter, steel, 3-lobe, socket type for pyramid with rotation		pcs
	4F41 adapter is a steel adapter with 3-lobe socket mounting, pyramid connection, and rotation mechanism. It is designed for use with modular transtibial and transfemoral prostheses. The adapter provides: Reliable connection of the socket to the knee module or foot; Possibility of natural rotation for walking comfort; Stability thanks to 3-lobe mounting; Compatibility with most modern prosthetic systems.		
Technical specifications:			
Article number	4F41		
Type	Adapter		
Proximal connection	Three lobes		
Distal connection	Pyramid		
Material	Steel		
Max. user weight	125	kg.	
Activity level	K1-K4		

Image	Description		Unit
			pcs
	The rotator simulates rotational movements performed by a non-invasive ankle joint during stance phase.		
Technical specifications:			
Article number	4F1		
Type	Adapter		
Connection type	Pyramid		
Material	Steel		
Activity level	K1-K4		
			pcs
	The lock is designed for reliable prosthesis fixation. Thanks to an adjustable locking mechanism, it ensures safety, comfort, and ease of use. Equivalent to Ottobock.		
Technical specifications:			
Article number	TL-250		
Type	Lock		
Material	Aluminum		
Проксимеальное соедин.	For lamination		
Дистальное соединение	Pyramid		
Высота	60 mm		
Activity level	K1-K4		
Max. user weight	125	kg.	

Image	Description		Unit
	<i>GCL601 Locking mechanism</i>		pcs
	A modern solution for prosthetics, providing strong prosthesis fixation while maintaining smooth and natural movement. Developed using high-quality materials and innovative technologies, it combines durability, comfort, and functionality.		
Technical specifications:			
Article number	GCL601		
Type	Lock		
Material	Aluminum		
Proximal connection	For lamination		
Distal connection	Pyramid		
Activity level	K1-K4		
Max. user weight	125	kg.	

Image	Description		Unit
	GCL602 Locking mechanism		pcs
	An innovative solution for prosthetics, providing maximum fixation and natural movement. Developed using modern technologies and high-quality materials, it guarantees durability and ease of use.		
Technical specifications:			
Article number	GCL602		
Type	Lock		
Material	Aluminum		
Proximal connection	Four lobes		
Pyramid receiver	Pyramid receiver		
Activity level	K1-K4		
Max. user weight	125	kg.	
	GCL603 Locking mechanism		pcs
	A modern solution for prosthetics, providing reliable prosthesis fixation and natural walking biomechanics. Thanks to its thoughtful design and high-quality materials, it guarantees durability, comfort, and stability under any load.		
Technical specifications:			
Article number	GCL603		
Type	Lock		
Material	Aluminum		
Proximal connection	Four lobes		
Pyramid receiver	Pyramid		
Activity level	K1-K4		
Max. user weight	125	kg.	

Image	Description		Unit
	GCL606 Locking mechanism		pcs
	The adapter is intended for lamination into the transfemoral prosthetic socket.		
Technical specifications:			
Article number	GCL606		
Type	Lock		
Material	Stainless steel		
Proximal connection	Screw type		
Distal connection	Pyramid		
Activity level	K1-K4		
Max. user weight	125	kg.	
	P-496-T Locking mechanism		pcs
	An advanced prosthesis attachment system where the gel component provides soft fit and the plate ensures stable fixation. This solution is designed for maximum comfort and natural movement.		
Technical specifications:			
Article number	P-496-T		
Type	Lock		
Material	Aluminum		
Proximal connection	Platform		
Distal connection	Platform		
Activity level	K1-K4		
Max. user weight	125	kg.	

Image	Description		Unit
	P-496-W Locking mechanism		pcs
	An innovative solution providing soft and reliable prosthesis attachment without the use of rigid plates. Its flat design and gel layer guarantee comfort, natural cushioning, and reduced load on the residual limb.		
Technical specifications:			
Article number	P-496-W		
Type	Lock		
Material	Aluminum		
Proximal connection	Platform		
Distal connection	Screw type		
Activity level	K1-K4		
Max. user weight	125	kg.	
	P498-P Locking mechanism		pcs
	A high-tech solution for reliable and comfortable prosthetics. The combination of a soft gel layer and a robust pyramid construction provides ideal cushioning, stability, and natural movement.		
Technical specifications:			
Article number	P498-P		
Type	Lock		
Material	Aluminum		
Proximal connection	For lamination		
Distal connection	Pyramid		
Activity level	K1-K4		
Max. user weight	125	kg.	

Image	Description		Unit
	<i>HCOV Vacuum valve for thigh prosthesis</i>		pcs
	An innovative solution manufactured to Ottobock standards, providing precise control of the internal volume of the prosthetic socket throughout the day. The device guarantees stable fixation and comfort at any activity level.		
Technical specifications:			
Article number	HCOV		
Type	Valve		
Material	Polyurethane		
	<i>HCSV Vacuum valve for transtibial prosthesis</i>		pcs
	An advanced system for adjusting the internal volume of the prosthetic socket, developed on the principle of premium Össur valves. Provides precise adjustment to volume changes of the residual limb throughout the day.		
Technical specifications:			
Article number	HCSV		
Type	Valve		
Material	Polyurethane		

Image	Description		Unit
	7E5 Hip module with lower manual lock		pcs
	Designed for use in lower limb prostheses for patients with transfemoral amputation. It provides hip flexion and extension and includes a locking mechanism for safe use of the prosthesis in various positions. Key features: Single-axis design – provides movement in the sagittal plane with manual locking capability. Lower manual lock – allows reliable fixation of the joint in the desired position. Adjustable resistance – enables tuning of joint stiffness to individual user needs. Robust construction – made of high-quality aluminum alloys or steel, resistant to loads. Compactness and lightness – convenient for integration into prosthetic systems without excessive weight. Compatibility – suitable for various thigh prosthesis models and mounts. Recommended for patients with transfemoral amputation who require reliable joint locking in specific positions.		
Technical specifications:			
Article number	7E5		
Material	Steel		
Weight	750	g.	
Max. user weight	125	kg.	
Activity level	K1-K4		

Image	Description		Unit
	7E6 Four-bar hip module		pcs
	Designed for use in modern lower limb prostheses. It provides multi-axis movement, closely approximating the natural biomechanics of the hip joint, allowing the user to move smoothly and comfortably in various conditions. Key features: Four-bar mechanism – ensures stability and natural movement trajectory, reducing stress on the musculoskeletal system. Multi-axis mobility – allows flexion, extension, abduction, and adduction of the thigh, improving walking dynamics. Adjustable resistance – ability to customize joint stiffness to user weight and activity. High strength – made of lightweight, durable, wear-resistant materials. Hydraulic damper – ensures smooth gait and shock absorption. Compatibility – suitable for modular prosthetic systems and various amputation levels. Recommended for patients with transfemoral or hemipelvectomy amputation, as well as for active individuals requiring enhanced mobility.		
Technical specifications:			
Article number	7E6		
Material	Steel	Titanium	
Weight	750	g.	
Max. user weight	125	kg.	
Activity level	K1-K4		

Image	Description		Unit
	7E7 Mechanical hip module		pcs
	Designed for use in lower limb prostheses. It provides hip flexion and extension, allowing the user to perform natural movements during walking, sitting, and other daily activities. Key features: - Single-axis design – provides movement in one plane, simplifying control and increasing reliability. - Strength and durability – made of high-quality materials resistant to loads and long-term use. - Adjustable resistance – allows tuning of joint stiffness to individual user needs. - Compactness and lightness – convenient for integration into prosthetic systems without excessive weight. - Compatibility – suitable for various thigh prosthesis models and hip units. Recommended for patients after transfemoral or hemipelvectomy amputation, as well as for individuals with congenital musculoskeletal pathologies.		
Technical specifications:			
Article number	7E7		
Material	Steel		
Weight	750	g.	
Max. user weight	100	kg.	
Activity level	K1-K4		

Image	Description		Unit
	<i>Plastic lock assembly with frame, 25mm, 40mm</i>		pcs
	Plastic lock assembly with frame for orthoses – an orthopaedic device designed for stabilization, offloading, and joint correction. It consists of a plastic base and a frame that provide fixation and adjustment of limb position.		
Technical specifications:			
Article number	FRFO		
Type	Lock		
Sizes available	25/40	mm	