

PARASHAR



PRODUCT CATALOG

**MANUFACTURER OF PROSTHETIC KNEE JOINTS,
FEET AND COMPONENTS**

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FALCON SERIES KNEE JOINTS

FALCON/ FALCON-X/ FALCON-S knee joint is a monocentric knee joint with a hydraulic cylinder used for prosthetics after amputation above the knee. The hydraulic system controls the swing phase and provides the stance phase. The level of damping of flexion, extension and support is adjusted individually. This ensures a comfortable gait over a wide range of speeds.

FALCON includes three user-selectable modes: natural walking, enhanced safety bicycling, and locking.

FALCON-X supports natural walking and locking mode.

FALCON-S is optimized for natural walking.



FALCON SERIES

Product name	FALCON	FALCON-X	FALCON-S
Weight, g	1050g	995g	990g
Proximal connection	Aligning pyramid		
Distal junction	Aligning pyramid		
Maximum body weight, kg	125		
Mobility level	K3,K4		
System height, mm	183		
System height at the proximal part to the starting point of the assembly, mm	8		
System height at the distal part to the starting point of the assembly, mm	175		
Maximum flexion angle	130°		
Material	Aluminum alloy		
Service life [years]	3		

EAGLE, EAGLE-X KNEE JOINTS


EAGLE

EAGLE-X (with lock)

EAGLE and EAGLE-X are polycentric modular knee joints featuring a rotary hydraulic system, geometric lock, and SES (Smooth Ergonomic Stance) cushioning, designed for users with transfemoral amputation. The key distinction of the EAGLE-X is its additional mechanical lock function. The hydraulic system manages the swing phase with individually adjustable damping of flexion, extension, and support, ensuring comfortable movement across a wide range of speeds. Shock absorption softness is fine-tuned via the SES absorber block, while the geometric lock enhances resistance during the stance phase.

Both joints offer an extended range of adjustments to deliver more dynamic, physiological gait with reduced energy expenditure.

Product name	EAGLE-X	EAGLE
Weight, g	990g	910g
Proximal connection	Aligning pyramid	
Distal junction	Aligning pyramid	
Maximum body weight, kg	125	
Mobility level	K2, K3	
System height, mm	145,5	141
System height at the proximal part to the starting point of the assembly, mm	3	
System height at the distal part to the starting point of the assembly, mm	142,5	
Maximum flexion angle	135°	
Material	Aluminum alloy	
Service life [years]	3	

MAYA PK-72 KNEE JOINT

MAYA PK-72

MAYA PK-72 knee joint is a waterproof monocentric knee joint with a hydraulic cylinder and a mechanical lock, which is used for prosthetics after amputation above the knee. The hydraulic cylinder of the knee module increases the safety of use and simulates the natural seating mechanism. The maximum extension angle of the knee module is 130°. The use of aluminum and stainless steel in the production made it possible to reduce the weight of the knee joint and made it less demanding to maintain.



Product name	MAYA PK-72
Weight, g	668
Proximal connection	Aligning pyramid
Distal junction	Pipe clamp d=30
Maximum body weight, kg	125
Mobility level	K1, K2, K3
System height, mm	107
System height at the proximal part to the starting point of the assembly, mm	3
System height at the distal part to the starting point of the assembly, mm	104
Maximum flexion angle	130°
Material	Aluminum alloy
Service life [years]	3



STARLING PK-54 / PK-55

STARLING X PK-56 / PK-57 KNEE JOINTS



**STARLING-X PK-54/
STARLING-X PK-55/
STARLING PK-56/
STARLING PK-57** knee joints are a polycentric knee joint with a lock and mechanical transfer phase adjustment, which is used for prosthetics after amputation above the knee.

Product name	PK-54	PK-55	PK-56	PK-57
Weight, g	610g	598g	599g	589g
Proximal connection	Aligning pyramid			
Distal junction	Aligning pyramid	Clamp	Aligning pyramid	Clamp
Maximum body weight, kg	125			
Mobility level	K2, K3			
System height, mm	79	86,5	79	86,5
System height at the proximal part to the starting point of the assembly, mm	2,5	2,5	-2,5	-2,5
System height at the distal part to the starting point of the assembly, mm	81,5	89	81,5	89
Maximum flexion angle	150°			
Material	Aluminum alloy/Steel			
Service life [years]	3			

COLIBRI PK-46 / PK-47 KNEE JOINTS

COLIBRI PK-46



COLIBRI PK-46/COLIBRI PK-47 knee joints are waterproof monocentric knee joints with a mechanical lock, which are used for prosthetics after amputation above the knee. The use of aluminum alloy and stainless steel in the production reduced the weight of the knee joint and made it less demanding to maintain.

COLIBRI PK-47



Product name	COLIBRI PK-46	COLIBRI PK-47
Weight, g	255g	280g
Proximal connection	Aligning pyramid	
Distal junction	Aligning pyramid	Pipe clamp d=30
Maximum body weight, kg	125	
Mobility level	K1, K2	
System height, mm	9,5	26,2
System height at the proximal part to the starting point of the assembly, mm	0,2	
System height at the distal part to the starting point of the assembly, mm	9,3	26
Maximum flexion angle	135°	
Material	Aluminum alloy	
Service life [years]	3	



PANTHER FOOT



PANTHER is a prosthetic foot designed for active users who need a powerful return of energy, reliability and comfort during sports activity. Thanks to the long pylon made of composite material, the foot efficiently stores and releases energy, mimicking the natural movement of the foot. A special wavy elastic plate provides cushioning at the moment of heel impact and smooth adaptation to surface irregularities.

Product name	PANTHER FOOT
Weight with cosmetic shell [g]	1300 - 1400
Maximum body weight, kg	125
Mobility level	K3-K4
System height, mm	100-530
Material	Composite
Service life [years]	3

FINIX FOOT

FINIX



FINIX is a prosthetic foot for everyday use, designed to complete modular prostheses of the lower extremities. The design of the foot provides water resistance, which allows the user to shower, visit the pool and be in sea water without compromising performance. Made of anti-corrosion materials that are resistant to moisture and sea water. Due to its low profile, the FINIX foot is ideal for patients with a long stump, providing a comfortable fit and a comfortable connection to the prosthetic system. This model is compatible with the K2-K4 mobility level, which allows it to be used for both moderately active and active patients.

Product name	FINIX
Weight with cosmetic shell [g]	705-796g
Proximal connection	Aligning pyramid
Maximum body weight, kg	125
Mobility level	K2-K4
System height, mm	58-62
Material	Composite
Service life [years]	3

COUGAR FOOT

COUGAR



COUGAR is a low-profile artificial foot designed for active users who value stability, smooth rolling of the foot and natural movement. The optimized geometry of the heel and toe springs allows the foot to flexibly adapt to different types of surfaces, providing a confident gait.

Product name	COUGAR
Weight with cosmetic shell [g]	705-796g
Proximal connection	Aligning pyramid
Maximum body weight, kg	125
Mobility level	K2, K3, K4
System height, mm	58-62
Material	Composite
Service life [years]	3

LYNX FOOT



LYNX is a low-profile prosthetic foot specially designed to provide anatomical ankle movement and a stable gait under daily and intense stress. Its design is based on the principles of three-axis movement, which allows the foot to naturally respond to surface changes and dynamically adapt in the sagittal, coronal and transverse planes. With internal shock absorbers and a carbon fiber base, the LYNX provides a smooth transition from heel to toe, excellent energy output, and reduced stress on the joints during walking or physical activity. This design allows for a balance between flexibility and stability, making the LYNX a comfortable choice for users with different levels of mobility.

Product name	LYNX
Weight with cosmetic shell [g]	910-970g
Proximal connection	Aligning pyramid
Maximum body weight, kg	125
Mobility level	K3-K4
System height, mm	80-85
Material	Composite
Service life [years]	3



STUBBIES FOOT

STUBBIES



STUBBIES is a modern solution for primary mobilization and gait training for users with bilateral transfemoral amputations. Designed with real rehabilitation needs in mind, these feet provide confidence from the very first steps.

With a thoughtfully engineered structure and adaptive platform, STUBBIES helps users quickly develop a correct gait pattern and achieve stability in the upright position.

Product name	Stubbies
Weight with cosmetic shell [g]	500
Maximum body weight, kg	125
Mobility level	K1, K2
System height, mm	35
Material	Composite/Aluminum alloy
Service life [years]	3



Socket adapter 4C21

Socket Adapter 4C21 socket adapter is used as a structural element of modular prostheses of the lower extremities. Together with the load-bearing module, they connect the prosthetic foot to the proximal structural elements. This combination allows you to control angular and translational movements at the sagittal and frontal levels, as well as adjust the rotation inward and outward.

Weight [g]	108
Max. Body weight [kg]	125
System Height [mm]	33
Material	Steel



Socket adapter 4C41

Socket Adapter 4C41 is used to connect the prosthetic socket to the modular components of the prosthesis. The adapter petals are laminated into the stump receiving sleeve.

Weight [g]	196
Max. Body weight [kg]	125
System Height [mm]	41
Material	Steel



Socket adapter 4C42

Socket Adapter 4C42 is used to connect the prosthetic socket to the modular components of the prosthesis. The adapter petals are laminated into the stump receiving sleeve.

Weight [g]	204
Max. Body weight [kg]	125
System Height [mm]	-7
Material	Steel



Socket adapter 4A41

Socket Adapter 4A41 is used to connect the prosthetic socket to the modular components of the prosthesis. The adapter petals are laminated into the stump receiving sleeve.

Weight [g]	174
Max. Body weight [kg]	125
System Height [mm]	46
Material	Aluminum Alloy/Steel

Socket adapter 4A33A

The 4A33A socket adapter is used to connect the receiving sleeve to the mounting module; it has four M8×12 adjustment screws and an additional 10-degree angle



Weight [g]	195
Max. Body weight [kg]	125
System Height [mm]	35
Material	Aluminum alloy

Socket adapter 4A33P

The 4A33P socket adapter is used to connect the receiving sleeve to the mounting module; it features an adjustment pyramid and an additional 10-degree angle



Weight [g]	205
Max. Body weight [kg]	125
System Height [mm]	-9
Material	Aluminum alloy

Socket adapter 4C63

The 4C63 socket adapter is used as a structural element of modular prostheses of the lower extremities, laminated in stump sleeves, designed for prostheses in transtibial amputation. It serves to connect the distal components of the prosthesis and is equipped with an adjustment pyramid.



Weight [g]	87
Max. Body weight [kg]	125
System Height [mm]	-5
Material	Steel

Socket adapter KPB-16

The socket adapter KPB-16 is a structural component of modular lower limb prostheses. It is used in connections for hip joint prosthesis installation and has a tilt angle of 10°.



Weight [g]	120
Max. Body weight [kg]	100
System Height [mm]	35
Material	Steel

Socket adapter 4A47A

Socket Adapter 4A47A is designed to connect the distal components of the lower limb prosthesis to the stump sleeve. Features an alignment pyramid distal connection.



Weight [g]	123
Max. Body weight [kg]	125
System Height [mm]	43
Material	Aluminum alloy / Steel

Socket adapter 4A47P

Socket Adapter 4A47P is designed to connect the distal components of the lower limb prosthesis to the stump sleeve. Features a pyramid receiver distal connection.



Weight [g]	131
Max. Body weight [kg]	125
System Height [mm]	-5
Material	Aluminum alloy / Steel

Socket adapter 4CP31

Socket Adapter 4CP31 is designed to connect the distal components of the lower limb prosthesis to the stump sleeve. Features an alignment pyramid distal connection.



Weight [g]	144
Max. Body weight [kg]	100
System Height [mm]	46
Material	Steel

Socket adapter 4CP32

Socket Adapter 4CP32 is designed to connect the distal components of the lower limb prosthesis to the stump sleeve. Features a pyramid receiver distal connection.



Weight [g]	153
Max. Body weight [kg]	100
System Height [mm]	-1.5
Material	Steel



Socket adapter 4A31

The 4A31 socket adapter is designed to connect the distal components of the lower limb prosthesis to the stump sleeve. With the help of this adapter, it is possible to change the angle in the distal or proximal parts, to make an axial adjustment.

Weight [g]	90
Max. Body weight [kg]	125
System Height [mm]	-9
Material	Aluminum alloy/steel



Socket adapter 4C44

The socket adapter 4C44 is used as a structural element of modular prostheses of the lower extremities. It provides length compensation and rotation adjustment.

Weight [g]	243
Max. Body weight [kg]	136
System Height [mm]	125
Material	Steel



X-LOCK

The liner lock X-LOCK is designed to fix the liner in a lower leg or thigh prosthesis. The lock is installed by lamination in the distal part of the stump receiving sleeve.

Weight [g]	294
Max. Body weight [kg]	125
System Height [mm]	125
Material	Aluminum alloy / Steel



Lamination adapter 4A45

Lamination adapter 4A45 is designed for integration into a prosthetic socket via the lamination method. It provides a reliable connection between the socket and the socket adapter, forming a stable interface for further modular prosthesis assembly.

Weight [g]	102
Max. Body weight [kg]	125
Material	Aluminum alloy



Lamination adapter PFA01

PFA01 is a lamination component kit for attaching the PANTHER foot using a lamination adapter. It provides secure fixation by laminating the adapter directly into the socket, creating a rigid and durable connection. This reduces the number of intermediate components and improves both the aesthetics and biomechanics of the prosthesis.

Weight [g]	230
Max. Body weight [kg]	125
System Height [mm]	105
Material	Steel



Trial sports foot adapter PTA01

The PTA01 is used for preliminary fitting of the Panther foot, enabling precise alignment relative to the socket. It allows correct positioning, static and dynamic adjustment, and verification of stability and smooth rollover during gait.

Weight [g]	510
Max. Body weight [kg]	125
System Height [mm]	70
Material	Aluminum alloy



Sports foot adapter PCA01

The PCA01 is designed for mounting the Panther prosthetic foot with an externally mounted bracket. The adapter allows for adjustments in the sagittal plane.

Weight [g]	380
Max. Body weight [kg]	125
System Height [mm]	70
Material	Aluminum alloy



Sports foot alignment adapter PFA02

The PFA02 marking adapter is used for marking and initial drilling of the PANTHER artificial foot post for installation with the PFA01 lamination adapter.

Weight [g]	190
Max. Body weight [kg]	125
System Height [mm]	-
Material	Aluminum alloy



Double ended adapter

Double ended adapters are used to connect two pyramidal adapters. Pyramid receivers allow distal and proximal angular adjustments to be made in the frontal and sagittal planes.

Parameter	32	35	40	45	50	55	60	65	70	75	80	85	90
Weight [g]	103	111	125	120	130	134	143	145	150	164	161	166	173
Max. Body weight [kg]	136												
System Height [mm]	68	71	76	81	86	91	96	101	106	111	116	121	126
Structure height [mm]	32	35	40	45	50	55	60	65	70	75	80	85	90
Material	Aluminum alloy												



Double ended adapter

Double ended adapters are used to connect two pyramidal adapters. Pyramid receivers allow distal and proximal angular adjustments to be made in the frontal and sagittal planes.

Parameter	4C72=32	4C72=45	4C72=60	4C72=75
Weight [g]	140	161	175	192
Max. Body weight [kg]	125			
System Height [mm]	68	81	96	111
Structure height [mm]	32	45	60	75
Material	Steel			



Tube adapter

Tube adapters are used as structural elements of modular prostheses of the lower extremities. They are connected by modular connecting elements. The combination of modules allows you to control angular movements at the sagittal and frontal levels, as well as transfer loads between modules.

Parameter	2A2	2A3	2C2	2C3
Weight [g]	213	344	222	354
Max. Body weight [kg]	125			
System Height [mm]	235	435	233	433
Tube material	Aluminum alloy			
Adapter Material	Aluminum alloy		Steel	



Socket adapter 4A52

The socket adapter 4A52 has a socket for the alignment pyramid and a connection in the form of a clamp. It serves as a connecting element between the components of the prosthesis. With this adapter, it is possible to change the angle in the distal and sagittal planes.

Weight [g]	243
Max. Body weight [kg]	125
System Height [mm]	35
Material	Aluminum alloy



Socket adapter 4A40

The 4A40 socket adapter has an alignment pyramid and a clamp for a pipe with a diameter of 30. It serves as a connecting element between the components of the prosthesis. With this adapter, it is possible to change the angle in the distal or proximal parts, to make an axial adjustment.

Weight [g]	243
Max. Body weight [kg]	125
System Height [mm]	-14
Material	Aluminum alloy

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