

Linux:

A walking experience
closer to nature

WITH **PRT**[®]
Performance Response Technology[®]



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ORTHOTICS

PROSTHETICS

COMPRESSION GARMENTS

Lower Limb Prosthetic Catalogue

Issue 21

Blatchford

Orion³: What moves you.

WITH **PRT**
Performance Response Technology



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Corporate Overview

Blatchford is a multi-award winning manufacturer of some of the world's most advanced prosthetic technology. We combine clinical expertise and pioneering innovation to redefine mobility and our evidence-based approach prioritises the wellbeing and long-term health of users.

Founded in 1890, we have a long history of firsts and continue to be widely recognised for our commitment to innovation in the industry.

We are proud to have created the very first commercially available hydraulic ankle, the first microprocessor-controlled hydraulic ankle and the world's first fully integrated limb system. Our pioneering technology has also been the recipient of many prestigious awards including the Queen's Award, the MacRobert Award, the German Design Award and the Medical Design Excellence Award.

Our holistic approach to product design, centres around the whole person and not just their mobility limitation. This ensures we develop solutions that not only help people to get the most out of every day, but to do so in a way that cares for their long-term health and wellbeing. Through extensive collaboration, we also work to provide evidence and inform best practice in the industry to give healthcare providers the confidence to prescribe and find solutions that deliver results.



Activity Levels

Prescription Activity Level Guide



Has the ability or potential to use a prosthesis for transfers or ambulation on level surfaces at fixed cadence. Typical of the limited and unlimited household ambulator.



Has the ability or potential for ambulation with the ability to traverse low level environmental barriers such as curbs, stairs, or uneven surfaces. Typical of the limited community ambulator.



Has the ability or potential for ambulation with variable cadence. Typical of the community ambulator who has the ability to traverse most environmental barriers and may have vocational, therapeutic, or exercise activity that demands prosthetic utilization beyond simple locomotion.



Has the ability or potential for prosthetic ambulation that exceeds basic ambulation skills, exhibiting high impact, stress, or energy levels. Typical of the prosthetic demands of the child, active adult, or athlete.

Prescription Impact Level Guide

Low

Daily walking and occasional sports such as golf and hiking

Moderate

Aggressive walking, frequent or daily sports such as jogging

High

Daily activities such as distance running, climbing, lifting and carrying heavy objects for vocational purposes

Notes

1. The maximum user weight/activity guidelines provided on our catalogue product pages and Clinician's Manuals give the ideal functional prescription, this may vary by region or reimbursement system. Our instructions for use provide structural safety levels which may differ.
2. The weight limit on the complete prosthesis is determined by its lowest rated component.
3. The weight limit applies to all products unless stated otherwise.
4. Before assembly always refer to the appropriate technical information.
5. See Blatchford website for latest product information.

Activity Levels

Product	Level 1	Level 2	Level 3	Level 4
Integrated Limb System				
Linx				
Microprocessor Knees				
Orion ³				
Smart IP				
Hydraulic Knees				
KX06				
Mercury				
Locking and Free Option Knees				
ESK ⁺				
ESK ⁺ MKL				
BMK2				
Compact SAKL				
Aqualimb ^{TF}				
Junior				
Mini Blade ^{XT}				
Child's 4-bar Knee				

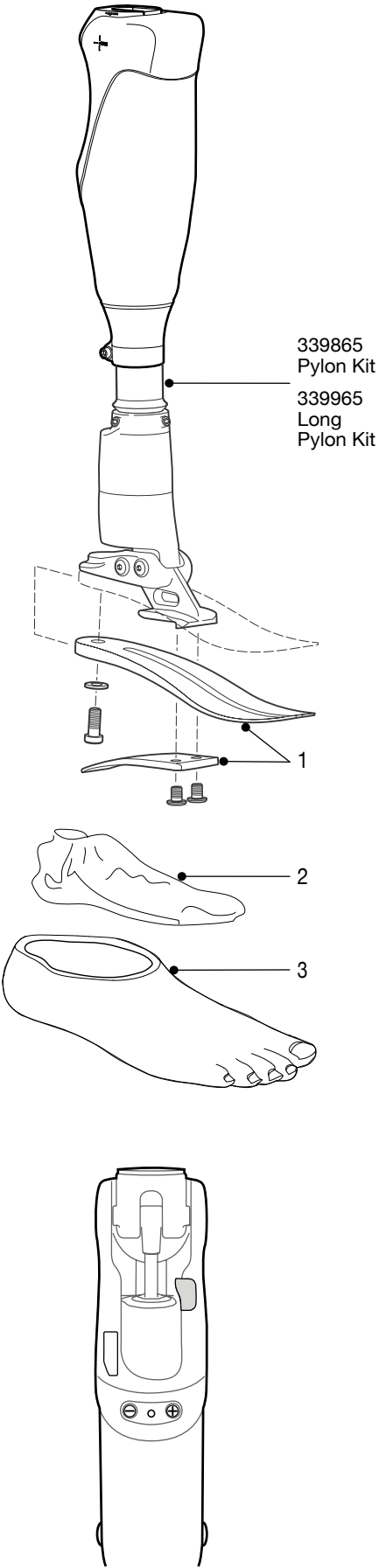
Activity Levels

Product	Level 1	Level 2	Level 3	Level 4
Feet With Dynamic Foot Springs				
Elan				
Elan ^{IC}				
Echelon ^{VAC}				
Echelon ^{VT}				
Echelon				
Echelon ^{ER}				
Elite ²				
Elite ^{VT}				
Epirus				
Esprit				
Elite Blade				
Elite Blade ^{VT}				
Blade ^{XT}				
Javelin				
Feet With Resilient/Cushioned Ankle Function				
Avalon ^{K2}				
AvalonK2 ^{VAC}				
Navigator				
Multiflex <small>Standard/Slim</small>				
SuperSACH				
Aqualimb ^{TT}				



Integrated Limb System





1 Spring Kits:

Foot Size	Foot Size	Foot Size	Foot Size
22-24	25-26	27-28	29-30
Set 1 - 539801S	Set 1 - 539810S	Set 1 - 539819S	Set 1 - 539828S
Set 2 - 539802S	Set 2 - 539811S	Set 2 - 539820S	Set 2 - 539829S
Set 3 - 539803S	Set 3 - 539812S	Set 3 - 539821S	Set 3 - 539830S
Set 4 - 539804S	Set 4 - 539813S	Set 4 - 539822S	Set 4 - 539831S
Set 5 - 539805S	Set 5 - 539814S	Set 5 - 539823S	Set 5 - 539832S
Set 6 - 539806S	Set 6 - 539815S	Set 6 - 539824S	Set 6 - 539833S
Set 7 - 539807S	Set 7 - 539816S	Set 7 - 539825S	Set 7 - 539834S
Set 8 - 539808S	Set 8 - 539817S	Set 8 - 539826S	Set 8 - 539835S

2 Glide Sock: 22-26 - 531011, 27-30 - 532811

3 Foot shells:*

Foot size Left/Right	Narrow	Wide
22L	539038S	-
22R	539039S	-
23L	539040S	-
23R	539041S	-
24L	539042S	-
24R	539043S	-
25L	539044SN	539044SW
25R	539045SN	539045SW
26L	539046SN	539046SW
26R	539047SN	539047SW
27L	539048SN	539048SW
27R	539049SN	539049SW
28L	539050SN	539050SW
28R	539051SN	539051SW
29L	-	539052S
29R	-	539053S
30L	-	539054S
30R	-	539055S

*For dark tone add suffix D

Pylon Kit	339865
Pylon cutting jig	941257
Battery charger kit	239093V2A
Aus adaptor	950164
UK adaptor	950136
Euro adaptor	950137
US adaptor	950138
Shin extension cable	239090
Socket screwdriver 4mm	940271
Socket Hex 5mm AF	940266
Clinician's Manual	938353V2A
Cosmetic Cover	561101BLACK
Blatchford Large Limb bag	936267

Proximal Attachments

Rotating Pyramid with Shift	239017		7mm
Non-rotating Pyramid with Shift	239089		7mm
Rotating Female Pyramid with Shift	189128		28mm
M36 Threaded Adapter	239092		14mm

Build part numbers are for assembly guidance only and may not be for sale separately.



Fully integrated, microprocessor controlled lower limb system for above knee amputees.

Features

- Situational Awareness - Integrated sensors continuously collect data to seamlessly adapt the limb's response
- Key Features - New and Improved
 - Improved Ramp Ascent Assist Mode
 - New Heel Rise Damping
 - Improved Stair Descent Recognition
 - Improved Stance Flexion
 - Stumble Recovery
 - Standing Support
- Training Mode, Cycling Mode and Flexion Lock Mode
- Knee Flexion to 130°
- Intuitive Programming Software via iOS or Android App
- Up to 3 days battery life
- Sandal Toe Foot Shell
- Cosmetic Cover

Specifications

Max. User Weight:	125kg
Activity Level:	(2), 3, (4*)
Size Range:	22 to 30
Component Weight:	2.6kg†
Build Height:	470mm to 565mm
Heel Height:	10mm

Suitable for outdoor use

Order Example

Product Code	Size	Side	Width*	Spring Set	Sandal Toe
LINX	25	L	N	3	S

*Narrow (N) and Wide (W) available for sizes 25-28 only. For dark tone add suffix D. Example: foot size 25, left, narrow, spring rating 3, sandal toe.

Accessories

Long Pylon Kit	339965
Alignment Wedge	940093
Magnetic Charger Kit	239093V2A
Magnetic Charger Cover	236554

Socket Adapters

P409049

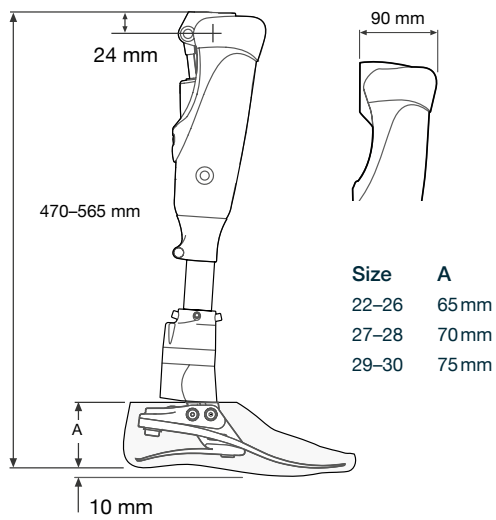
Activity Level 3 has the ability or potential for ambulation with variable cadence. Typical of the community ambulator who has the ability to traverse most environmental barriers and may have vocational, therapeutic, or exercise activity that demands prosthetic utilization beyond simple locomotion. Activity level 2 and 4* users will require softer or stiffer springs as appropriate for the individual user rather than as shown in the spring selection guide.

Activity	User Weight								Spring set
3	44-52	53-59	60-68	69-77	78-88	89-100	101-116	117-125 kg	
	100-115	116-130	131-150	151-170	171-195	196-220	221-255	256-275 lbs	
	1	2	3	4	5	6	7	8	

*Max user weight 100kg and always use one higher spring rate.
†Component weight shown is for a size 26cm without foot shell.



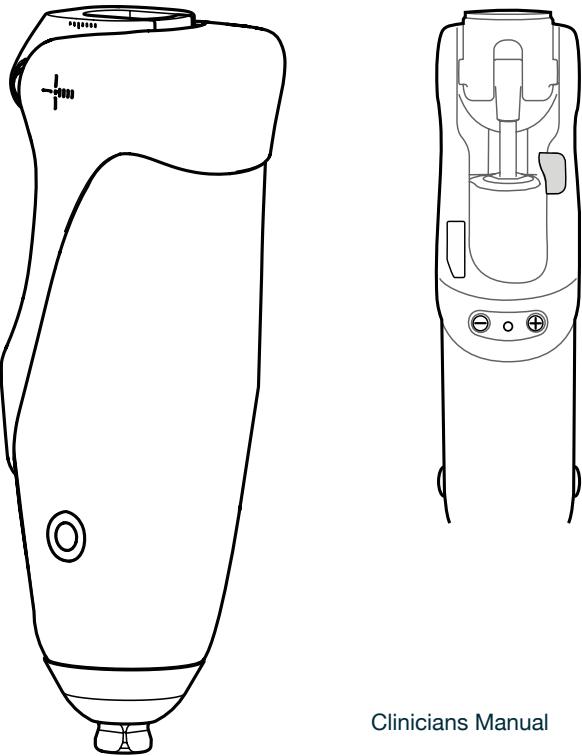
Build Height





Knees





Clinicians Manual 938374V2A



Microprocessor controlled hydraulic knee with intelligent speed control.

Features

- Situational Awareness – an Inertial Measurement Unit senses movement and speed to respond accordingly, in real time
- Key Features - New & Improved
 - **New** Heel Rise Damping
 - **Improved** Stair Descent Recognition
 - **Improved** Stance Flexion
 - **New** Button Programming Functionality
 - Standing Support
 - Stumble Recovery
- Natural Efficient Motion - MPC pneumatics ensure energy efficient and smooth swing at multiple speeds
 - Optimal Stance Release
 - Adaptive Speed Control
 - Terminal Swing Damping
- Training Mode, Cycling Mode and Flexion Lock Mode
- Knee Flexion to 130°
- Intuitive Programming Software via iOS or Android App
- Lithium Ion batteries with up to 3 days life, dependent on usage
- Battery Life Indicator and Low Power Mode
- Cosmetic Cover



Specifications

Max. User Weight:	125kg
Activity Level:	(2), 3, (4*)
Component Weight:	1.5kg
Build Height:	250mm
Control Unit:	MPK Hydraulic/Pneumatic

*Dependent on local reimbursement guidelines/maximum user weight 100kg



Part Numbers

ORION3

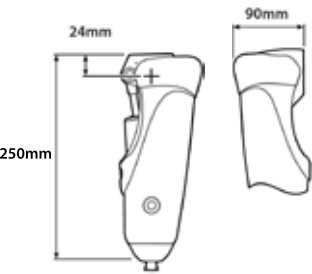
Accessories

Battery Charger Kit	239093V2A
Cosmetic Cover	561101BLACK
Blatchford large limb bag	936267
Blatchford small limb bag	936268

Socket Adapters

P409049	
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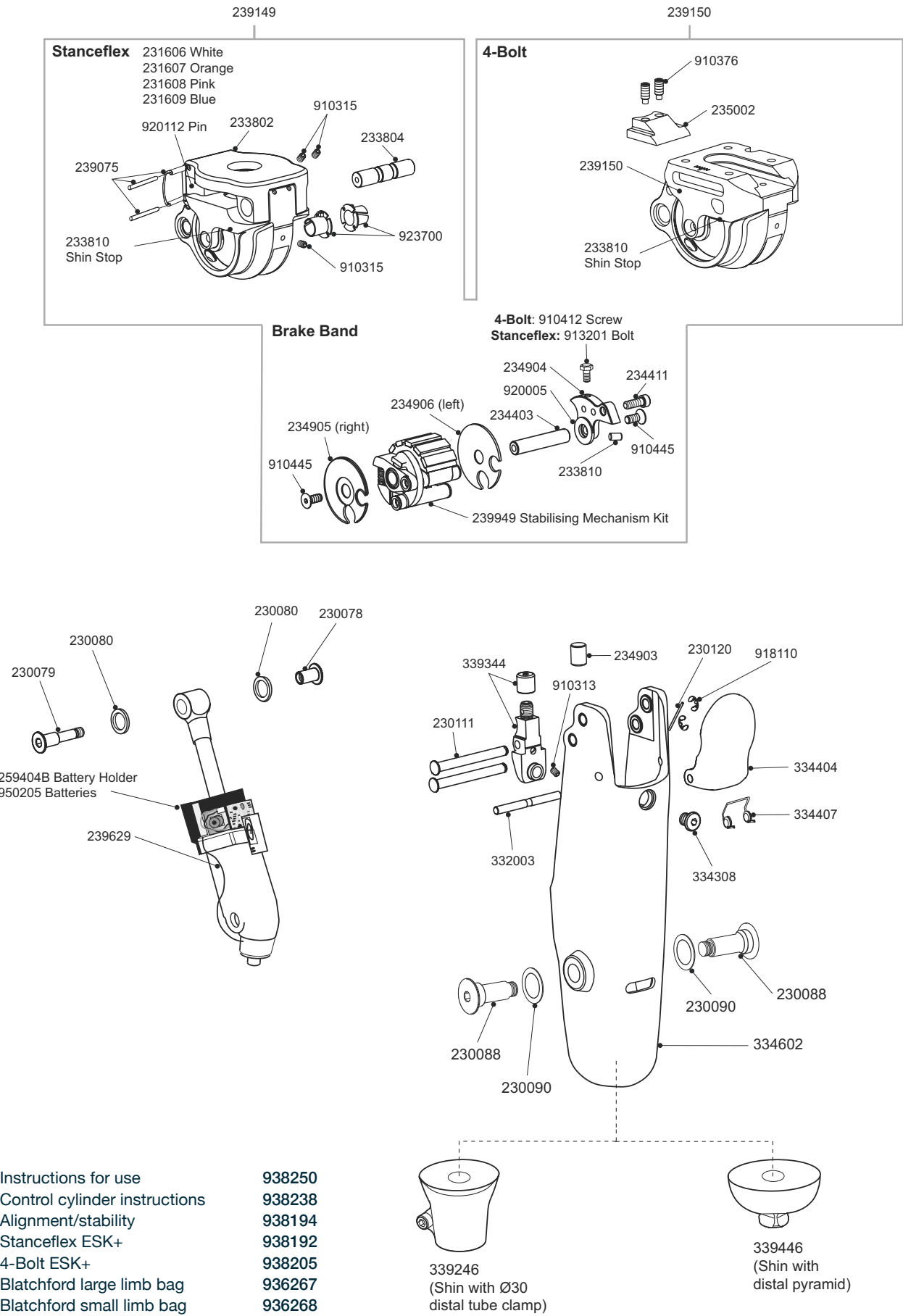
Build Height



Proximal Attachments

Rotating Pyramid with Shift	239017		7mm
Non-rotating Pyramid with Shift	239089		7mm
Rotating Female Pyramid with Shift	189128		28mm
M36 Threaded Adapter	239092		14mm





Features

- Smart Programming, electromechanical, adjustable terminal impact and extension damping
- Comfortable gait from very slow to fast walking speeds
- Smoother speed progression because of enhanced program
- Weight activated stance control
- Stanceflex option improves comfort
- Battery life expectancy 9-12 months under normal usage
- 140° knee flexion
- 4-Bolt option reduces build height

Specifications

Max. User Weight:	125kg
Activity Level:	(1), 2, 3, (4*)
Component Weight:	1.27kg Stanceflex 1.15kg 4-Bolt
Build Height:	see diagram
Control Unit:	Swing: MPK/Pneumatic Stance: mechanical

* Maximum user weight 100kg



Part Number

Stanceflex options	SMARTIPSF30 SMARTIPSFYR
4-Bolt options	SMARTIP4B30 SMARTIP4BPYR

Stanceflex Rubber Hardness

25° 231608 Soft	35° 231606	45° 231607 Fitted as standard	70° 231609 Hard
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Careful selection of Stanceflex rubber is essential as it influences the action of the unit (see fitting information).

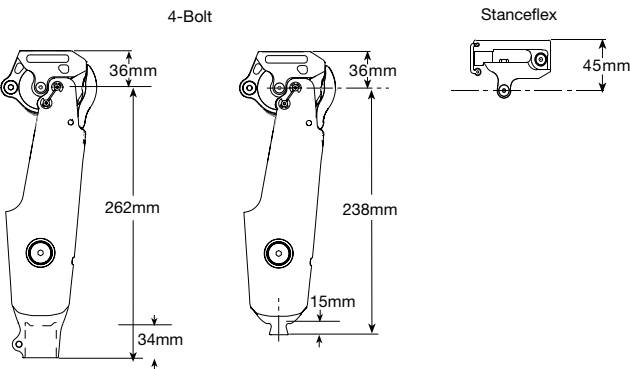
Socket Adapters

Stanceflex options				
				
409041	189806	189127		
4-Bolt options				
				
EP-MSR	EP-FSR	P189310	239017	239032
				
189128	239092	239089		

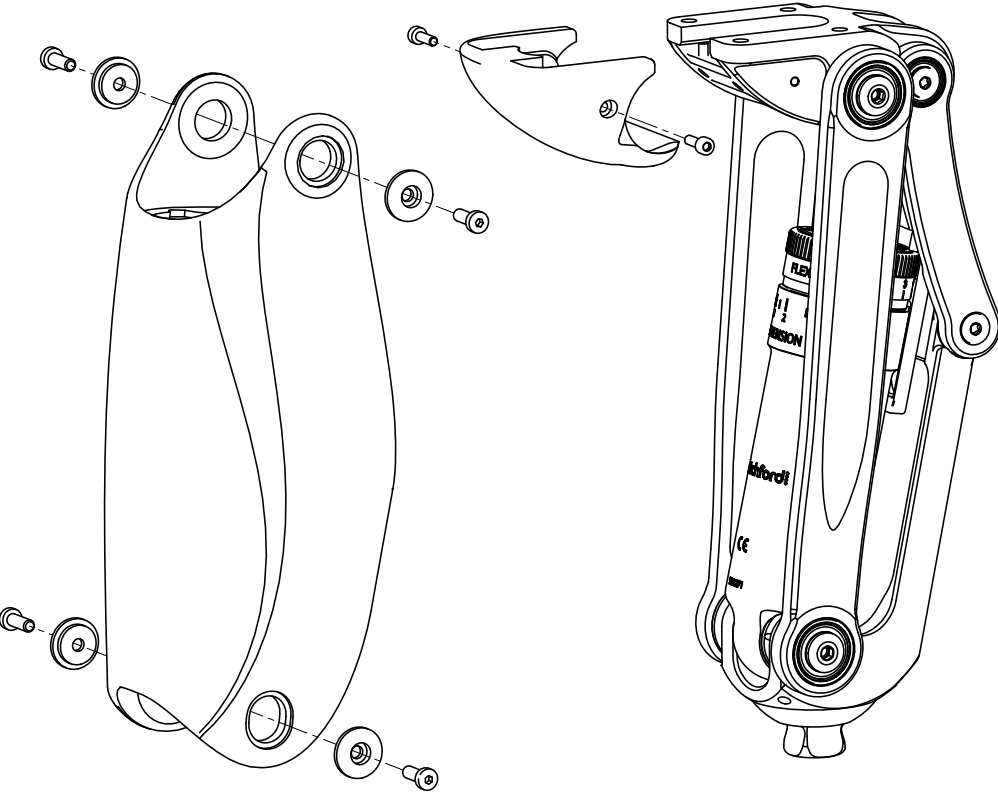


Pyramid option shown

Build Height



KX06 Schematics



Spare Parts:	
Knee Pad Kit	239561
Cover replacement kit	239661
Spacer and screw kits for cover	239761
Cover spacer	236122
Instructions for use	938409

Robust hydraulic knee for active users.

Features

- Polycentric knee with hydraulic swing and stance
- Sleek robust design with protective cover
- 160° knee flexion
- Waterproof
- Mode switch for cycling and standing support
- Multiple proximal adapter choices

Specifications

Max. User Weight/Activity Level:	150kg/3
	145kg/4
Component Weight:	1.34kg
Build Height:	220mm
Control Unit:	Hydraulic



Part Numbers

KX06V2

Accessories

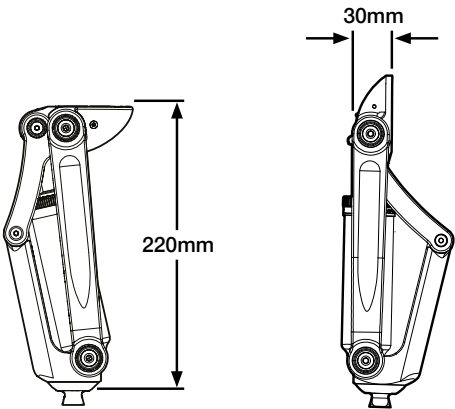
Cylinder Adjuster Tool	940091
Blatchford large limb bag	936267
Blatchford small limb bag	936268



Adapters

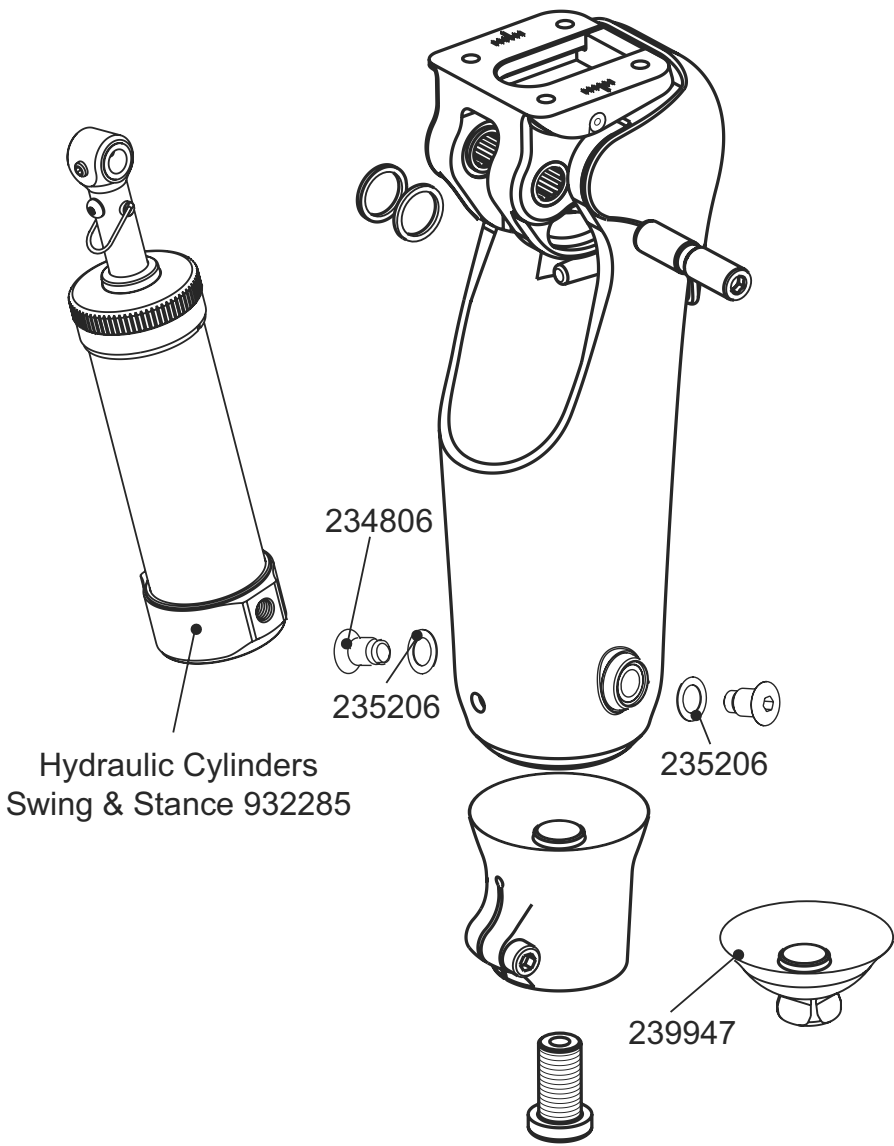
 EP-MSR	 EP-FSR	 P189310	 239032	 239017
 189128	 239092	 239089		

Build Height



Build part numbers are for assembly guidance only and may not be for sale separately.





Instructions for use knee 938251
Control cylinder instructions 938216

Build part numbers are for assembly guidance only and may not be for sale separately.

Robust hydraulic knee for active lifestyles.

Features

- Tough carbon fibre frame
- 125° knee flexion
- Long life needle roller bearings
- Reinforced hydraulic unit
- Variable cadence
- Cylinder flexion lock
- Mode switch for cycling
- Durable urethane kneeler pad
- Compact design

Specifications

Max. User Weight/Activity Level: 150kg/3
145kg/4
Component Weight: 1.23kg
Build Height: See diagram
Control Unit: Hydraulic

Suitable for outdoor use

Part Numbers

MH30
MHPYR

Accessories

Cylinder Adjuster Tool 940091
Blatchford large limb bag 936267
Blatchford small limb bag 936268

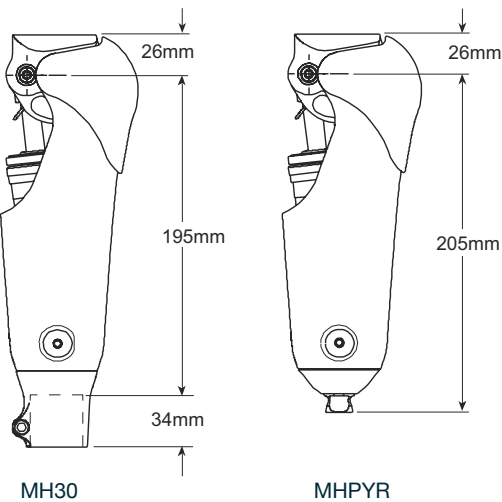


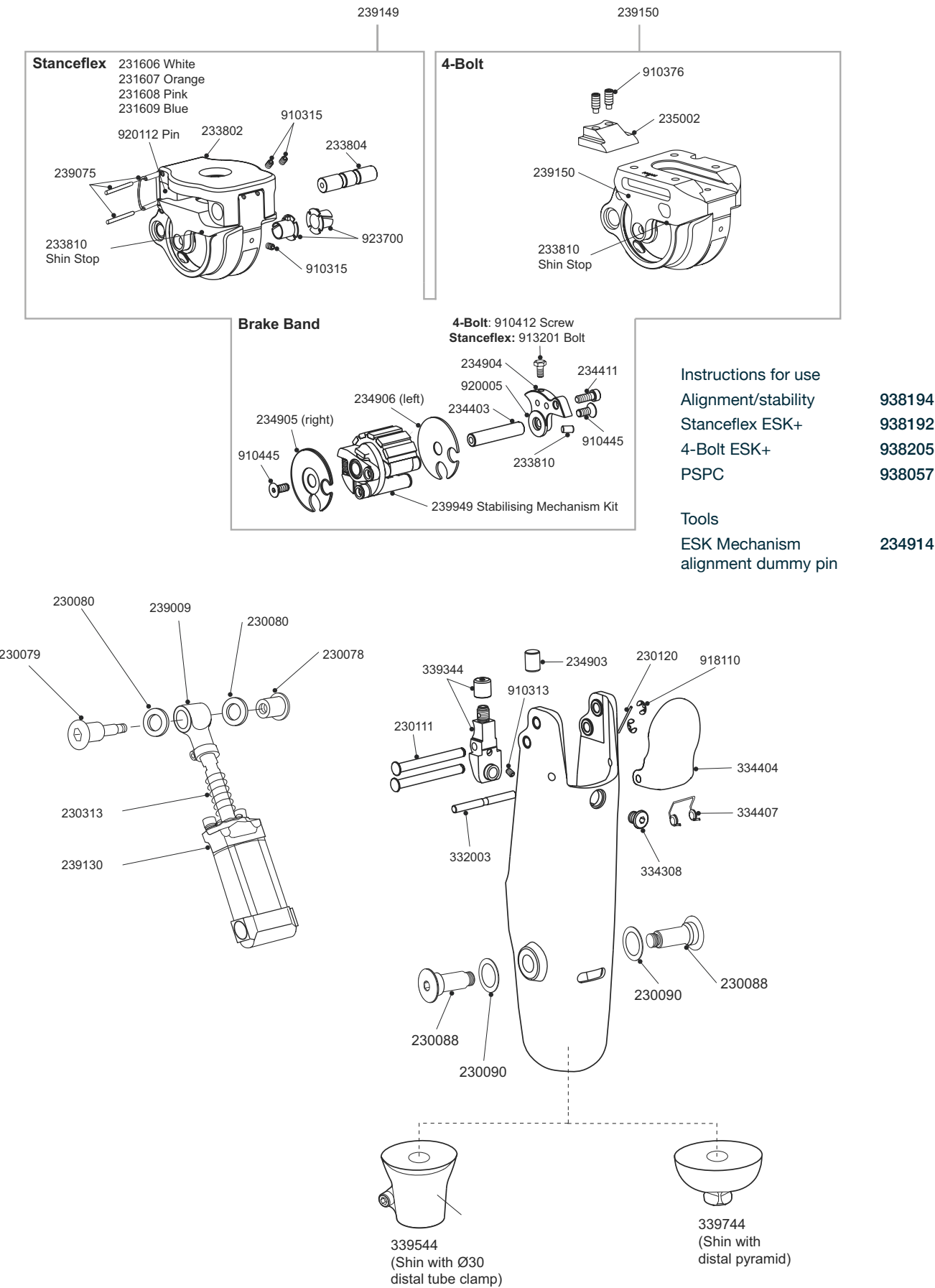
Adapters



MH30 shown

Build Height





Build part numbers are for assembly guidance only and may not be for sale separately.

PSPC knee with weight activated stance control for moderately active users.

ESK+

Features

- Weight activated adjustable stance control
- Pneumatic swing phase control
- Stanceflex option improves comfort
- 140° of knee flexion
- 4-Bolt option reduces build height

Specifications

Max. User Weight:	125kg
Activity Level:	2, 3, (4*)
Component Weight:	1.13kg Stanceflex 1.15kg 4-Bolt
Build Height:	See diagram
Control Unit:	Pneumatic

* Maximum user weight 100kg

Suitable for outdoor use

Part Numbers

4-Bolt options	ESK4BP30 ESK4BPPYR
Stanceflex Options	ESKSFP30 ESKSFPYR

Stanceflex Rubber Hardness

25° 231608 Soft	35° 231606	45° 231607 Fitted as standard	70° 231609 Hard
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Careful selection of Stanceflex rubber is essential as it influences the action of the unit (see fitting information).

Accessories

Blatchford large limb bag	936267
Blatchford small limb bag	936268

Adapters

Stanceflex options

409041	189806	189127

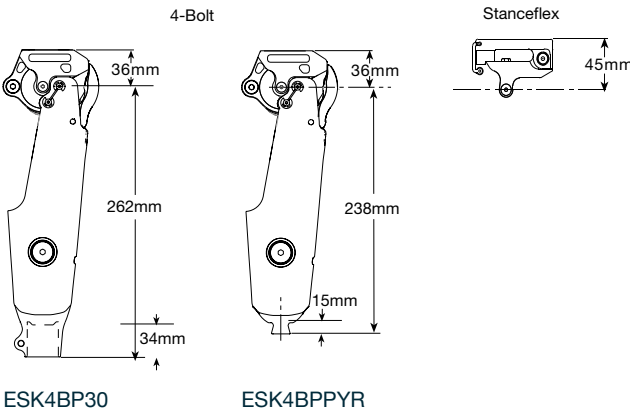
4-Bolt options

EP-MSR	EP-FSR	P189310	239017	239032
189128	239092	239089		

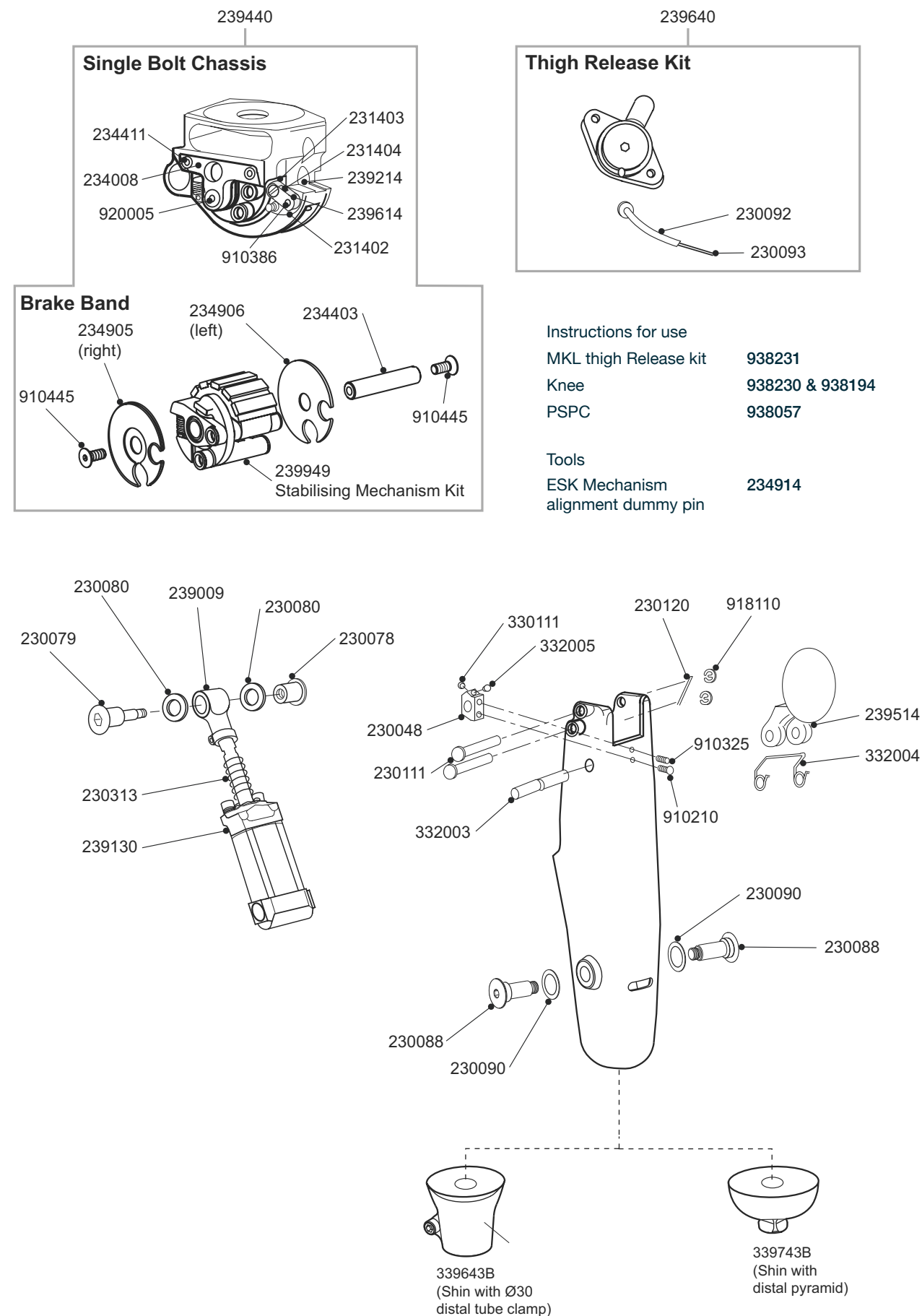


ESK4BP30 shown

Build Height



ESK⁺ MKL Schematics



Build part numbers are for assembly guidance only and may not be for sale separately.

PSPC knee with weight activated stance control and manual knee lock for moderately active users.

ESK⁺ MKL

Features

- Weight activated stance control with lock option
- Pneumatic swing control
- Manual user-operated lock
- 115° knee flexion
- Universal thigh release lock operation
- Proximal full alignment

Specifications

Max. User Weight:	125kg
Activity Level:	(1), 2, (3), (4*)
Component Weight:	1.2kg
Build Height:	See diagram
Control Unit:	Pneumatic/lock

* Maximum user weight 100kg



Part Numbers

ESKSBMKLP30
ESKSBMKLPPYR

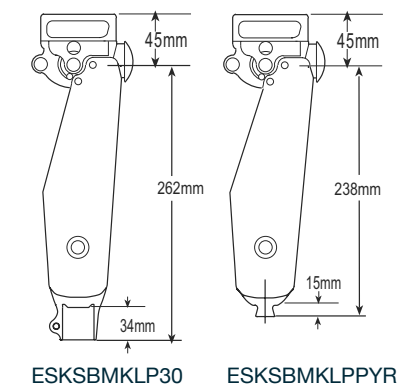
Accessories

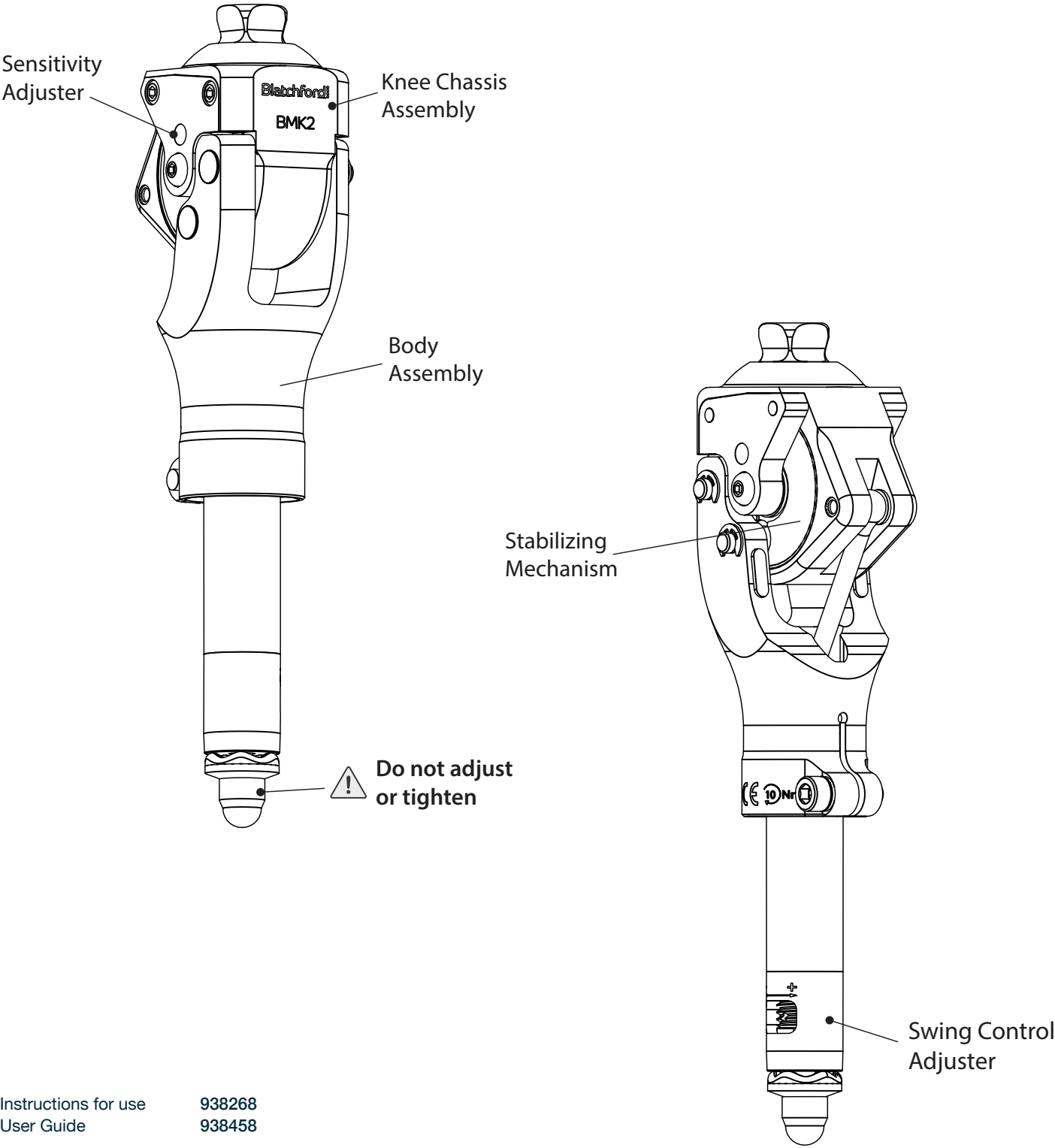
Thigh Release Kit	239640 (included)
Blatchford large limb bag	936267
Blatchford small limb bag	936268
ESK Spares Kit	ESK SKit

Adapters



Build Height





Instructions for use 938268
User Guide 938458

Compact, lightweight stabilised knee
designed for low activity amputees.

Features

- Weight activated stance control providing smooth activation and release
- Brake mechanism with adjustable stance phase stability and progressive locking provides high stability and confidence during stance
- Stance Flexion provides additional shock absorption and cushioning improving comfort
- Adjustable spring-assisted swing control allows adjustment of heel rise/extension bias ensuring the limb is in the right place at the right time. Optimising ground clearance whilst reducing the risk of tripping
 - 6 levels of stance phase stability control are adjusted via a 3mm allen key
 - Extension bias adjuster enables more sensitive adjustments for better customization
- Lightweight (580g) requires less energy to maintain mobility
- Compact (60mm protrusion when knee flexed)
- Quick and easy to align incorporating a proximal rotating pyramid
- 130° knee flexion angle
- Field serviceable (refer to IFU)

Specifications

Max. User Weight:	125kg
Activity Level:	1 & 2
Component Weight:	580g (1lb 5ozs)
Build Height:	127mm


Suitable for outdoor use

Part Number

BMK2

Accessories

Extension Stop Kit	239453
Stabilizing Mechanism Kit	239553
Extension Buffer	B-0000021
Blatchford large limb bag	936267
Blatchford small limb bag	936268

Proximal Attachment

Rotating Male Pyramid

Distal Attachment

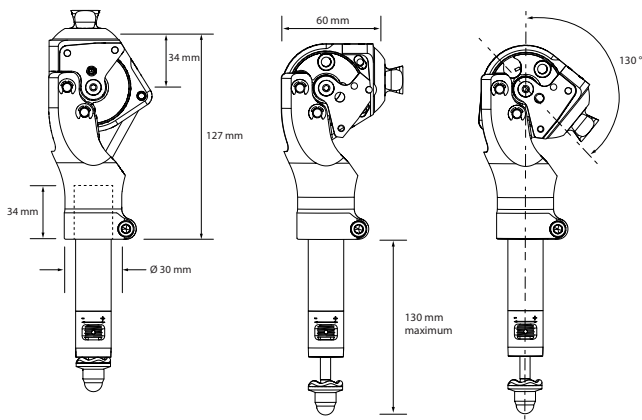
30mm Diameter Tube Clamp

Recommended Foot

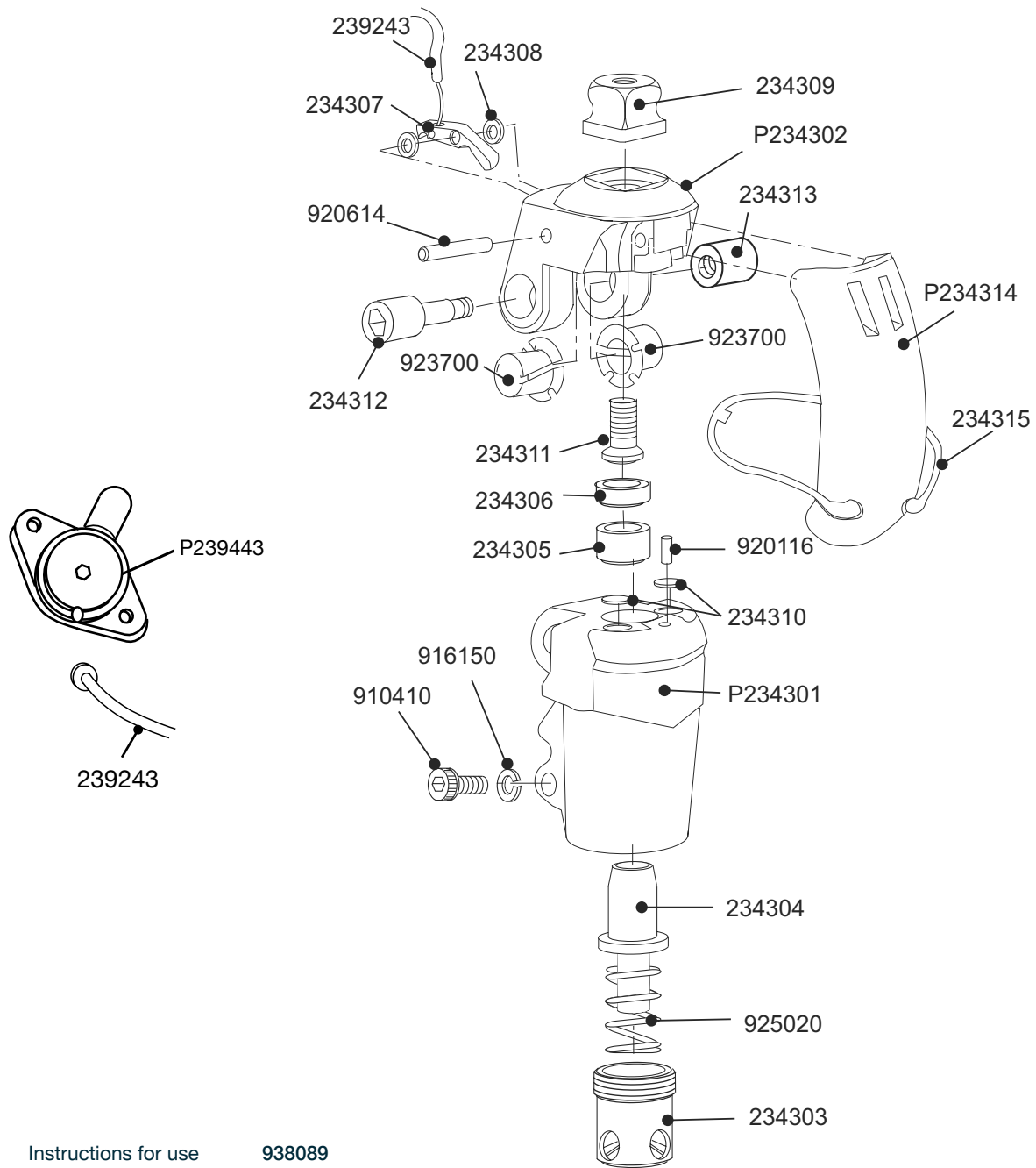
AvalonK2 or Navigator
+ AK30M1 Tube clamp adaptor pyramid female 30mm
+ 903220/500 Aluminium pylon 30mm/500mm



Build Height



Compact SAKL Schematics



Instructions for use 938089

Compact and lightweight knee,
ideal for low activity users.

Features

- Slim, low profile knee
- 140° knee flexion
- Locks automatically on extension
- Thigh release

Specifications

Max. User Weight:	125kg
Activity Level:	1-2
Component Weight:	325g
Build Height:	See diagram
Control Unit:	SAKL



Suitable for outdoor use

Part Number

P239143

Accessories

Thigh Release Kit (release lever only)	P239443
Thigh Release Cable	239243
SAKL & MK Cable Kit	SAKLCKit

Adapters

P409049

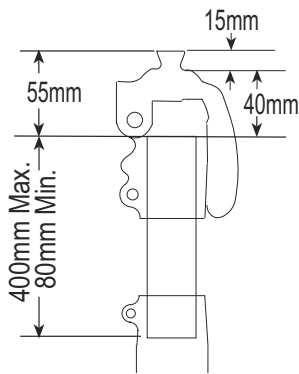


Compact SAKL



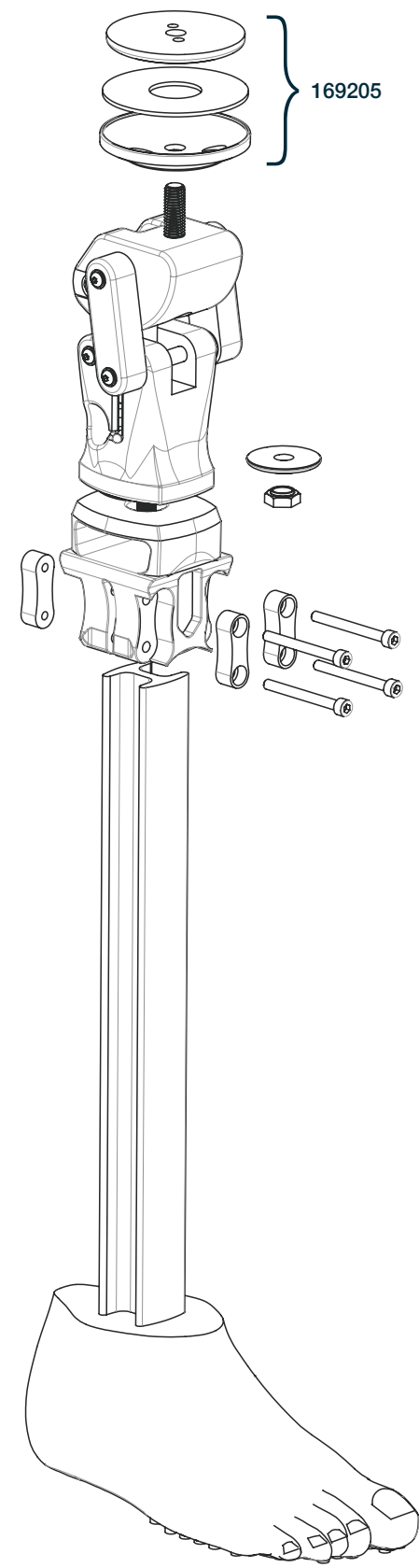
Side view shown

Build Height



Build part numbers are for assembly guidance only and may not be for sale separately.

Aqualimb^{TF} Schematics



Instructions for use
Alignment Kit
Blatchford large limb bag
Blatchford small limb bag

938321
169205
936267
936268

A waterproof prosthesis designed for use in the shower and wet environments.

Features

- Machined polycentric linkage designed knee to improve security
- Manual lock option to increase stability
- Rapid assembly
- Anti-slip tread pattern on sole

Specifications

Max. User Weight: 100kg
Activity Level: 1-2
Size Range: 22cm-27cm
Component Weight†: 2.0kg
Build Height: 400-585mm
Heel Height: 5mm



Suitable for submersion

Order Example

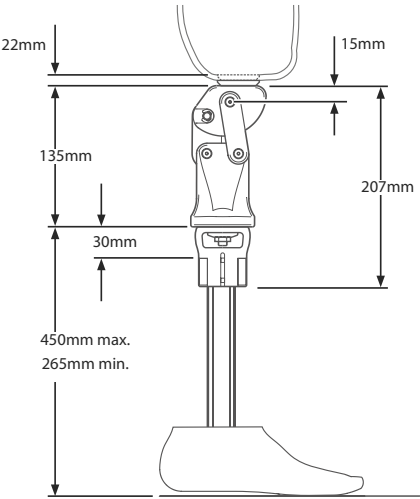
Product Code	Size	Side
AQTF	25	L

Foot example: AqualimbTF, size 25 left.

Aqualimb^{TF}



Build Height





Feet and Ankles



Elan Schematics

1 Spring Kits:			
Foot Size	Foot Size	Foot Size	Foot Size
22-24	25-26	27-28	29-30
Set 1 - 539801S	Set 1 - 539810S	Set 1 - 539819S	Set 1 - 539828S
Set 2 - 539802S	Set 2 - 539811S	Set 2 - 539820S	Set 2 - 539829S
Set 3 - 539803S	Set 3 - 539812S	Set 3 - 539821S	Set 3 - 539830S
Set 4 - 539804S	Set 4 - 539813S	Set 4 - 539822S	Set 4 - 539831S
Set 5 - 539805S	Set 5 - 539814S	Set 5 - 539823S	Set 5 - 539832S
Set 6 - 539806S	Set 6 - 539815S	Set 6 - 539824S	Set 6 - 539833S
Set 7 - 539807S	Set 7 - 539816S	Set 7 - 539825S	Set 7 - 539834S
Set 8 - 539808S	Set 8 - 539817S	Set 8 - 539826S	Set 8 - 539835S

2 Glide Sock:	
Size 22-26	531011
Size 27-30	532811

3 Foot Shells:*		
Foot size Left/Right	Narrow	Wide
22L	539038S	-
22R	539039S	-
23L	539040S	-
23R	539041S	-
24L	539042S	-
24R	539043S	-
25L	539044SN	539044SW
25R	539045SN	539045SW
26L	539046SN	539046SW
26R	539047SN	539047SW
27L	539048SN	539048SW
27R	539049SN	539049SW
28L	539050SN	539050SW
28R	539051SN	539051SW
29L	-	539052S
29R	-	539053S
30L	-	539054S
30R	-	539055S

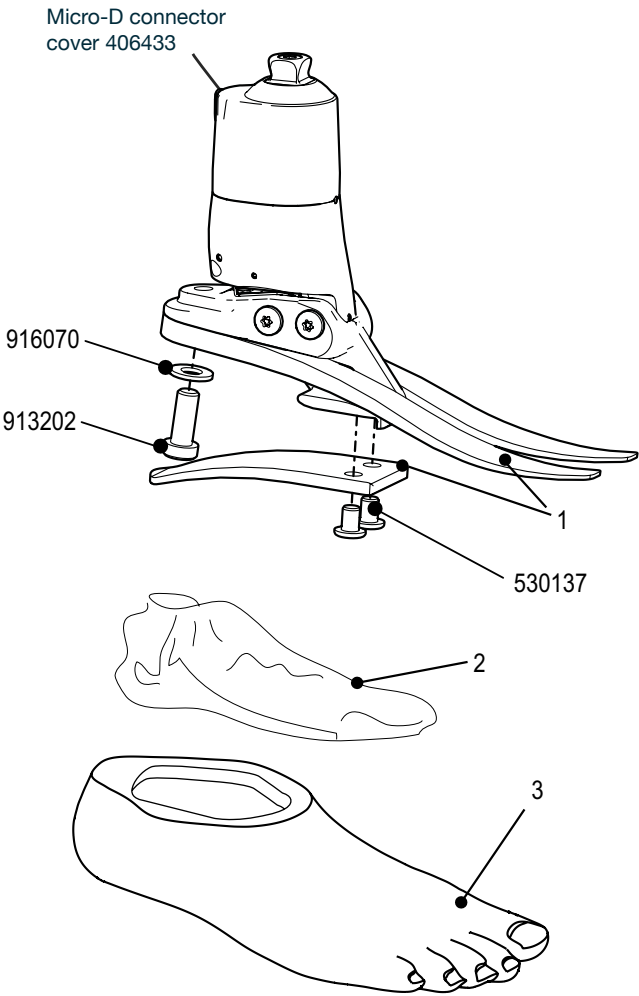
*For dark tone add suffix D

Bluetooth® dongle	409093
Clinician's manual	938317S

Elan battery charger kit	409087E
Includes:	
Battery charger	950215
Battery charger adapter (UK)	950103
Battery charger adapter (USA)	950104
Battery charger adapter (EURO)	950105
Charger adapter cable	409091

Elan comms kit	406431E
Includes:	
External USB Bluetooth® adapter	950129
Comms cable (USB to TTL)	950928
Comms cable adapter	409078
Interface cable	
(micro D to comms cable adapter)	409084
Elan software USB fob	406413E

Build part numbers are for assembly guidance only and may not be for sale separately.



Microprocessor-controlled hydraulic ankle/foot for terrain response and speed control.

Elan

Features

- Microprocessor controlled self-aligning plantar flexion and dorsiflexion
- Standing support mode increases resistance when stationary to help improve balance, stability, reduce effort and encourage a more natural posture
- Variable response to speed changes
- Increased plantar flexion resistance allows for more energy storage and return when walking quickly or up slopes
- Ankle remains dorsiflexed during swing phase to increase toe clearance and reduce risk of trips and falls
- Batteries contained within ankle
- Increased dorsiflexion resistance provides a brake when walking down slopes for improved safety and stability
- Sandal Toe Foot Shell

Foot Shell and Glide Sock included.

Specifications

Max. User Weight:	125kg*
Activity Level:	(2), 3, (4**)
Size Range:	22cm-30cm
Component Weight:	920g†
Build Height:	170mm sizes 22-26 175mm sizes 27-30
Heel Height:	10mm



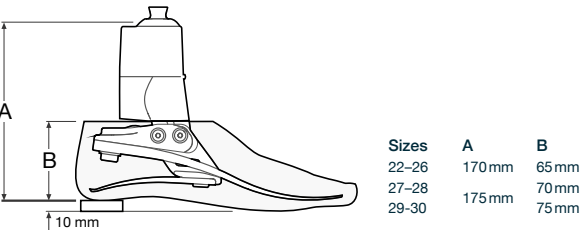
Order Example

Product Code	Size	Side	Width*	Spring Set	Sandal Toe
ELAN	25	L	N	3	S

*Narrow (N) and Wide (W) available for sizes 25-28 only. □
For dark tone add suffix D.
Example: foot size 25, left, narrow, spring rating 3, sandal toe.



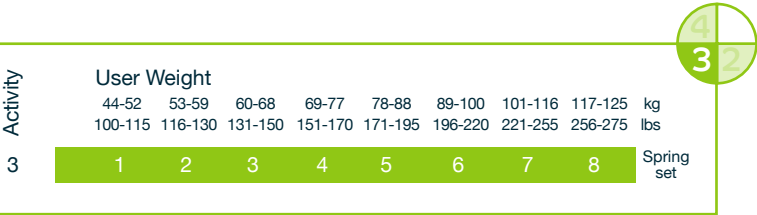
Build Height



Accessories

Alignment Wedge	940093
Spare Battery Charger Kit	409087E
Programming Tablet	019179

Activity Level 2 and 4** users who would benefit from this foot will require softer or stiffer springs as appropriate for the individual. Refer to Instructions for Use for further information.
Spring set recommendations are for trans-tibial users. For trans-femoral we suggest selecting a spring set one level lower.



**Maximum user weight 100 kg and always use one higher spring rate category than shown in Spring selection table.
†Component weight shown is for a size 26cm without foot shell.

1 Spring Kits:

Foot Size	Foot Size	Foot Size	Foot Size
22-24	25-26	27-28	29-30
Set 1 - 539801S	Set 1 - 539810S	Set 1 - 539819S	Set 1 - 539828S
Set 2 - 539802S	Set 2 - 539811S	Set 2 - 539820S	Set 2 - 539829S
Set 3 - 539803S	Set 3 - 539812S	Set 3 - 539821S	Set 3 - 539830S
Set 4 - 539804S	Set 4 - 539813S	Set 4 - 539822S	Set 4 - 539831S
Set 5 - 539805S	Set 5 - 539814S	Set 5 - 539823S	Set 5 - 539832S
Set 6 - 539806S	Set 6 - 539815S	Set 6 - 539824S	Set 6 - 539833S
Set 7 - 539807S	Set 7 - 539816S	Set 7 - 539825S	Set 7 - 539834S
Set 8 - 539808S	Set 8 - 539817S	Set 8 - 539826S	Set 8 - 539835S

2 Glide Sock:

Size 22-26	531011
Size 27-30	532811

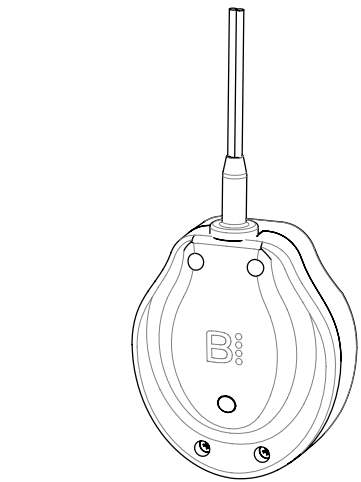
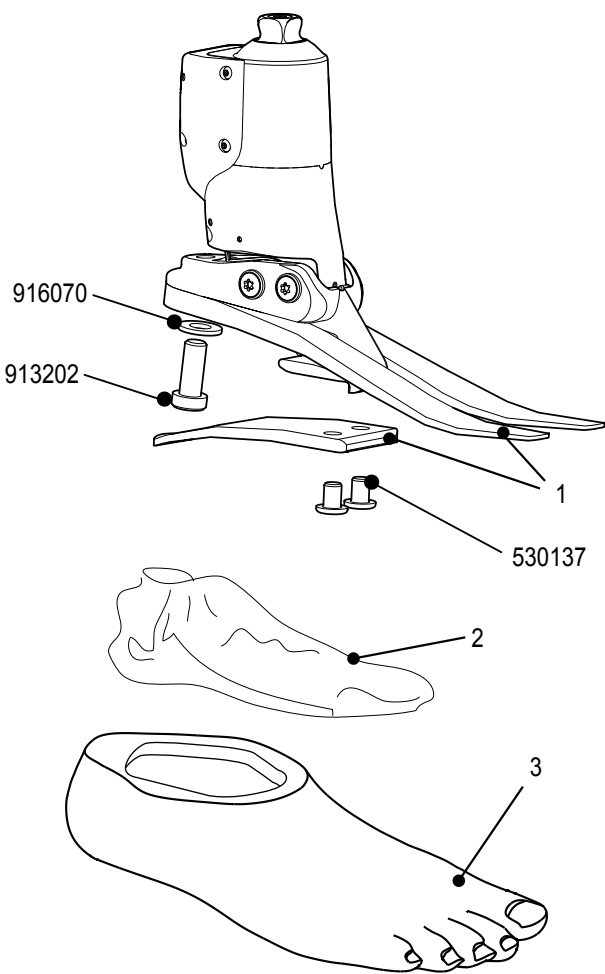
3 Foot Shells:*

Foot size Left/Right	Narrow	Wide
22L	539038S	-
22R	539039S	-
23L	539040S	-
23R	539041S	-
24L	539042S	-
24R	539043S	-
25L	539044SN	539044SW
25R	539045SN	539045SW
26L	539046SN	539046SW
26R	539047SN	539047SW
27L	539048SN	539048SW
27R	539049SN	539049SW
28L	539050SN	539050SW
28R	539051SN	539051SW
29L	-	539052S
29R	-	539053S
30L	-	539054S
30R	-	539055S

*For dark tone add suffix D

Battery Charger Adaptor - UK	950185
Battery Charger Adaptor - US	950184
Battery Charger Adaptor - Europe	950183
Battery Charger Adaptor - Australia	950186
External USB Bluetooth® Adaptor	950129
IC Battery Charger Kit	409087IC

Instructions for use	938438
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Waterproof microprocessor controlled hydraulic ankle/foot for terrain response and speed control.

Features

- Integrated Bluetooth®
- Clinician Programming App
- Microprocessor controlled plantar flexion and dorsiflexion
- Standing support mode increases resistance when stationary to help improve balance, stability, reduce effort and encourage a more natural posture
- Variable response to speed changes
- Increased plantar flexion resistance allows for more energy storage and return when walking quickly or up slopes
- Ankle dorsiflexion during the swing phase increases toe clearance and reduces the risk of trips and falls
- Increased dorsiflexion resistance provides a brake when walking down slopes for improved safety and stability
- Waterproof – IP67
- Induction charging
- Sandal Toe Foot Shell

Foot Shell and Glide Sock included.

Specifications

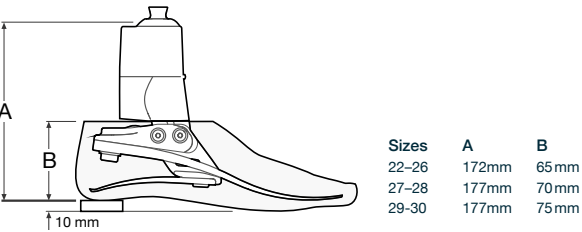
Max. User Weight:	125kg*
Activity Level:	(2), 3, (4**)
Size Range:	22cm-30cm
Component Weight:	1kg†
Build Height:	172mm sizes 22-26 177mm sizes 27-30
Heel Height:	10mm
Waterproof:	Rated to IP67



Suitable for submersion



Build Height



Order Example

Product Code	Size	Side	Width*	Spring Set	Sandal Toe
ELANIC	25	L	N	3	S

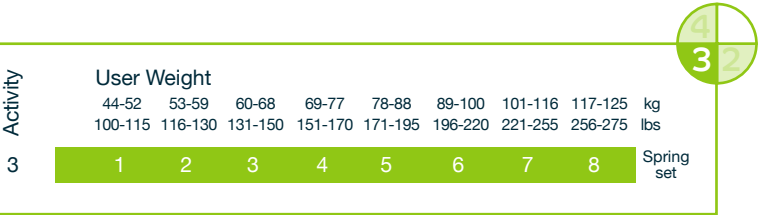
*Narrow (N) and Wide (W) available for sizes 25-28 only.†
For dark tone add suffix D.
Example: foot size 25, left, narrow, spring rating 3, sandal toe.

Accessories

Alignment Wedge	940093
Inductive Battery Charger Kit	409087IC
Programming Tablet	019179

Build part numbers are for assembly guidance only and may not be for sale separately.

Activity Level 2 and 4** users who would benefit from this foot will require softer or stiffer springs as appropriate for the individual. Refer to Instructions for Use for further information.
Spring set recommendations are for trans-tibial users. For trans-femoral we suggest selecting a spring set one level lower.



**Maximum user weight 100 kg and always use one higher spring rate category than shown in Spring selection table.
†Component weight shown is for a size 26cm without foot shell.

Echelon^{VAC} Schematics

1 Spring Kits:

Foot Size	Foot Size	Foot Size	Foot Size
22-24	25-26	27-28	29-30
Set 1 - 539801S	Set 1 - 539810S	Set 1 - 539819S	Set 1 - 539828S
Set 2 - 539802S	Set 2 - 539811S	Set 2 - 539820S	Set 2 - 539829S
Set 3 - 539803S	Set 3 - 539812S	Set 3 - 539821S	Set 3 - 539830S
Set 4 - 539804S	Set 4 - 539813S	Set 4 - 539822S	Set 4 - 539831S
Set 5 - 539805S	Set 5 - 539814S	Set 5 - 539823S	Set 5 - 539832S
Set 6 - 539806S	Set 6 - 539815S	Set 6 - 539824S	Set 6 - 539833S
Set 7 - 539807S	Set 7 - 539816S	Set 7 - 539825S	Set 7 - 539834S
Set 8 - 539808S	Set 8 - 539817S	Set 8 - 539826S	Set 8 - 539835S

2 Glide Sock:

Size 22-26	531011
Size 27-30	532811

3 Foot Shells:*

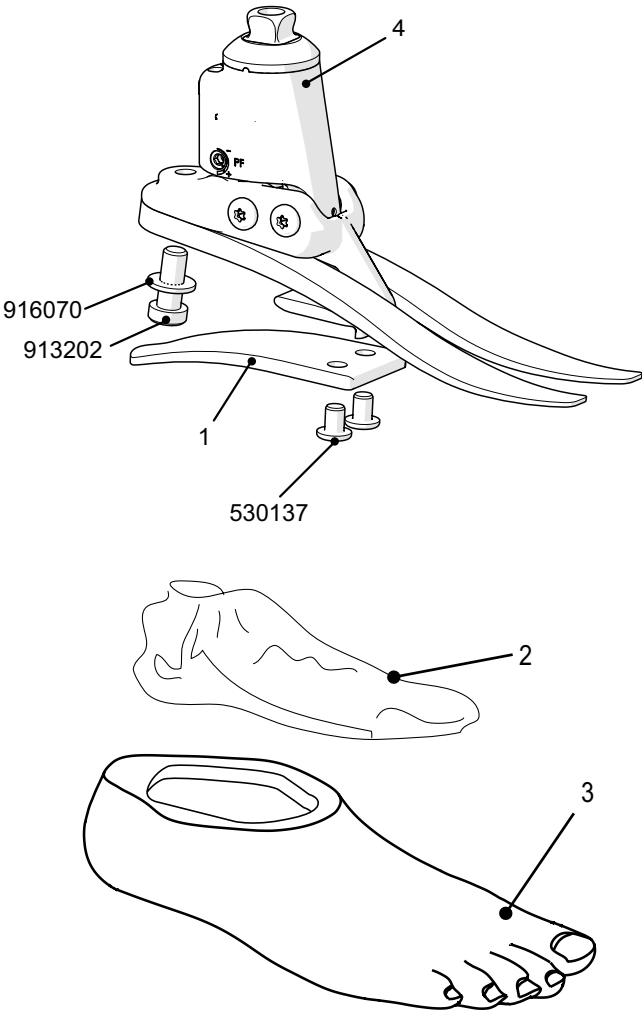
Foot size Left/Right	Narrow	Wide
22L	539038S	-
22R	539039S	-
23L	539040S	-
23R	539041S	-
24L	539042S	-
24R	539043S	-
25L	539044SN	539044SW
25R	539045SN	539045SW
26L	539046SN	539046SW
26R	539047SN	539047SW
27L	539048SN	539048SW
28L	539050SN	539050SW
28R	539051SN	539051SW
28R	-	539051S
29L	-	539052S
29R	-	539053S
30L	-	539054S
30R	-	539055S

*For dark tone add suffix D

4 Carrier Assembly

Size	
Small: 22-24	409263VAC
Medium: 25-26	409363VAC
Large: 27-30	409463VAC

Instructions for use	938367S
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Hydraulic ankle technology paired with an elevated vacuum system for a secure and comfortable socket connection.

Echelon^{VAC}

Features

- Biomimetic Hydraulic Technology with integrated elevated vacuum
- Walking motion generates a natural vacuum
- No power required, quiet gentle operation
- Lightweight, compact design
- Low build height
- E-carbon springs for efficient energy return
- Split toe design for ground compliance on uneven terrain
- Sandal Toe Foot Shell

Foot Shell and Glide Sock included.

Specifications

Max. User Weight:	125kg
Activity Level:	(2), 3, (4*)
Size Range:	22-30cm
Component Weight:	700g [†]
Maximum Vacuum:	17" Hg
Build Height:	121mm sizes 22-24 126mm sizes 25-26 131mm sizes 27-30
Heel Height:	10mm

Suitable for outdoor use

Order Example

Product Code	Size	Side	Width*	Spring Set	Sandal Toe
EVAC	25	L	N	3	S

*Narrow (N) and Wide (W) available for sizes 25-28 only.[‡]
For dark tone add suffix D.
Example: foot size 25, left, narrow, spring rating 3, sandal toe.

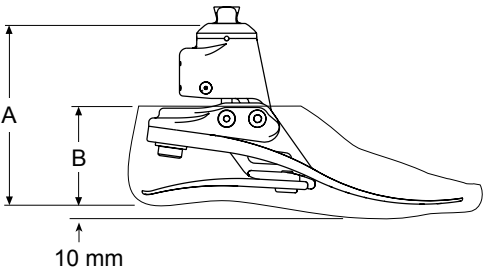
Accessories

Valves recommended for use with EchelonVAC can be found on page 124.

Alignment Wedge	940093
DF/PF Adjuster Key	940236
Socket Connection Kit	409663
Check Valve Service Kit	409863



Build Height



Size	A	Size	B
22-24	121 mm	22-26	65 mm
25-26	126 mm	27-28	70 mm
27-30	131 mm	29-30	75 mm

Build part numbers are for assembly guidance only and may not be for sale separately.

Activity Level 2 and 4* users who would benefit from this foot will require softer or stiffer springs as appropriate for the individual. Refer to Instructions for Use for further information.

Spring set recommendations are for trans-tibial users. For trans-femoral we suggest selecting a spring set one level lower.

Activity

User Weight

44-52	53-59	60-68	69-77	78-88	89-100	101-116	117-125	kg
100-115	116-130	131-150	151-170	171-195	196-220	221-255	256-275	lbs

1	2	3	4	5	6	7	8	Spring set
---	---	---	---	---	---	---	---	------------

[‡]Maximum user weight 100 kg and always use one higher spring rate category than shown in Spring selection table.
[†]Component weight shown is for a size 26cm without foot shell.

Echelon^{VT} Schematics

1 Spring Kits:

Foot Size	Foot Size	Foot Size	Foot Size
22-24	25-26	27-28	29-30
Set 1 - 539801S	Set 1 - 539810S	Set 1 - 539819S	Set 1 - 539828S
Set 2 - 539802S	Set 2 - 539811S	Set 2 - 539820S	Set 2 - 539829S
Set 3 - 539803S	Set 3 - 539812S	Set 3 - 539821S	Set 3 - 539830S
Set 4 - 539804S	Set 4 - 539813S	Set 4 - 539822S	Set 4 - 539831S
Set 5 - 539805S	Set 5 - 539814S	Set 5 - 539823S	Set 5 - 539832S
Set 6 - 539806S	Set 6 - 539815S	Set 6 - 539824S	Set 6 - 539833S
Set 7 - 539807S	Set 7 - 539816S	Set 7 - 539825S	Set 7 - 539834S
Set 8 - 539808S	Set 8 - 539817S	Set 8 - 539826S	Set 8 - 539835S

2 Glide Sock:

Size 22-26	531011
Size 27-30	532811

3 Foot Shells:*

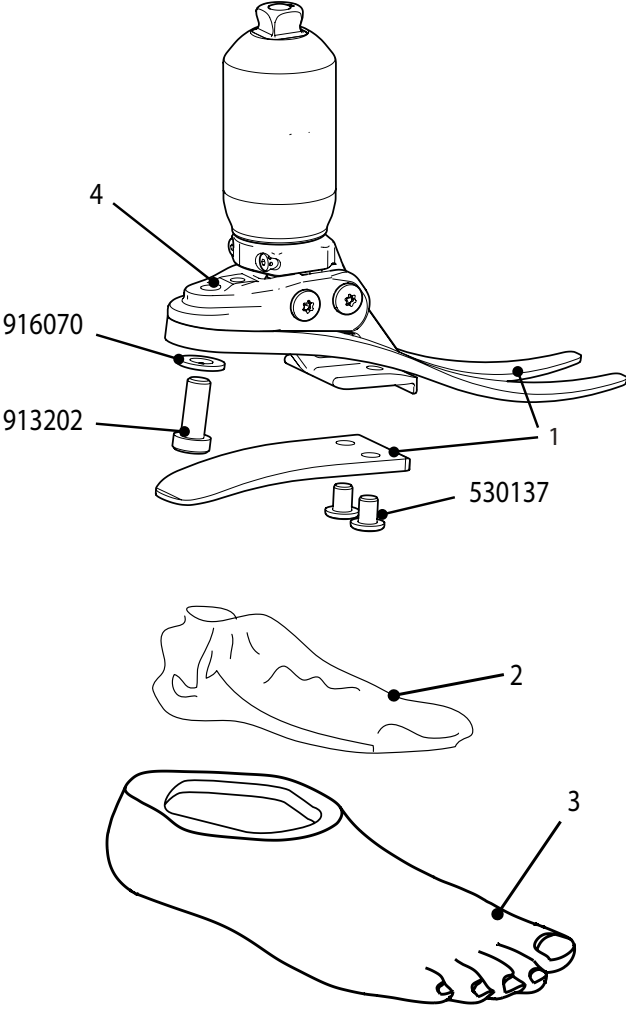
Foot size Left/Right	Narrow	Wide
22L	539038S	-
22R	539039S	-
23L	539040S	-
23R	539041S	-
24L	539042S	-
24R	539043S	-
25L	539044SN	539044SW
25R	539045SN	539045SW
26L	539046SN	539046SW
26R	539047SN	539047SW
27L	539048SN	539048SW
27R	539049SN	539049SW
28L	539050SN	539050SW
28R	539051SN	539051SW
29L	-	539052S
29R	-	539053S
30L	-	539054S
30R	-	539055S

*For dark tone add suffix D

4 Carrier assembly

Size	Rate			
	1	2	3	4
Small: 22, 23 & 24	539062	539063	539064	539065
Medium: 25 & 26	539066	539067	539068	539069
Large: 27 to 30	539070	539071	539072	539073

Instructions for use 938315S



Biomimetic hydraulic ankle/foot with shock absorber, rotation and split toe for terrain conformance.

Features

- Hydraulic control of dorsiflexion and plantar flexion
- Dorsi-flexed toe for swing phase
- Rotation and vertical shock absorption
- Tripod action for conformance and vertical compliance
- Smooth hydraulic and spring action
- Slimline foot design
- Responsive e-carbon foot springs
- Sandal Toe Foot Shell

Foot Shell and Glide Sock included.

Specifications

Max. Amputee weight:	125kg
Activity Level:	(2), 3, (4*)
Size Range:	22cm-30cm
Component Weight:	855g†
Build Height:	168mm sizes 22-24 173mm sizes 25-26 178mm sizes 27-30
Heel Height:	10mm



Order Example

Product Code	Size	Side	Width*	Spring Set	Axial Spring	Sandal Toe
ECVT	25	L	N	5	3	S

*Narrow (N) and Wide (W) available for sizes 25-28 only.□
For dark tone add suffix D.
Example: foot size 25, left, narrow, spring rating 5, axial spring 3, sandal toe

Accessories

Alignment Wedge	940093
Foot Shell Cover	539096



Build Height

Size	A	Size	B
22-24	168 mm	22-26	65 mm
25-26	173 mm	27-28	70 mm
27-30	178 mm	29-30	75 mm

Build part numbers are for assembly guidance only and may not be for sale separately.

Activity Level 2 and 4* users who would benefit from this foot will require softer or stiffer springs as appropriate for the individual. Spring set recommendations are for trans-tibial users. For trans-femoral we suggest selecting a spring set one level lower.

User Weight		44-52	53-59	60-68	69-77	78-88	89-100	101-116	117-125	kg
		100-115	116-130	131-150	151-170	171-195	196-220	221-255	256-275	lbs
3	1	2	3	4	5	6	7	8	Foot spring set	
		•	••		•••		••••	◀ Axial shock spring rate indicated as shown		
	1		2		3		4	◀ Axial spring		

*Maximum user weight 100 kg and always use one higher spring rate category than shown in Spring selection table.
†Component weight shown is for a size 26cm without foot shell.

Echelon^{VT}

Echelon

1 Spring Kits			
Foot Size	Foot size	Foot size	Foot size
22-24	25-26	27-28	29-30
Set 1 - 539801S	Set 1 - 539810S	Set 1 - 539819S	Set 1 - 539828S
Set 2 - 539802S	Set 2 - 539811S	Set 2 - 539820S	Set 2 - 539829S
Set 3 - 539803S	Set 3 - 539812S	Set 3 - 539821S	Set 3 - 539830S
Set 4 - 539804S	Set 4 - 539813S	Set 4 - 539822S	Set 4 - 539831S
Set 5 - 539805S	Set 5 - 539814S	Set 5 - 539823S	Set 5 - 539832S
Set 6 - 539806S	Set 6 - 539815S	Set 6 - 539824S	Set 6 - 539833S
Set 7 - 539807S	Set 7 - 539816S	Set 7 - 539825S	Set 7 - 539834S
Set 8 - 539808S	Set 8 - 539817S	Set 8 - 539826S	Set 8 - 539835S

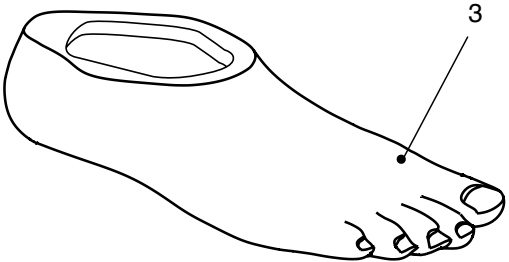
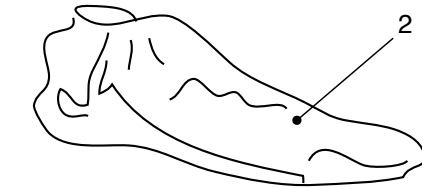
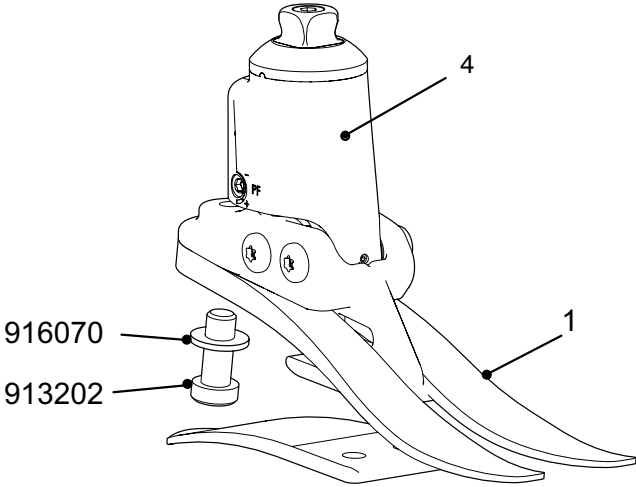
2 Glide Sock:	
Size 22-26	531011
Size 27-30	532811

3 Foot Shells:*		
Foot size Left/Right	Narrow	Wide
22L	539038S	-
22R	539039S	-
23L	539040S	-
23R	539041S	-
24L	539042S	-
24R	539043S	-
25L	539044SN	539044SW
25R	539045SN	539045SW
26L	539046SN	539046SW
26R	539047SN	539047SW
27L	539048SN	539048SW
27R	539049SN	539049SW
28L	539050SN	539050SW
28R	539051SN	539051SW
29L	-	539052S
29R	-	539053S
30L	-	539054S
30R	-	539055S

*For dark tone add suffix D

4 Carrier Assembly:	
Small 22-24	409263
Medium 25-26	409363
Large 27-30	409463

Instructions for use	938280S
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Biomimetic hydraulic ankle control and split toe for stability on uneven or sloping terrain.

Features

- Independent hydraulic control of plantar and dorsiflexion
- Biomimetic design simulates natural ankle motion
- Toe up for swing through clearance
- Natural toe position for sitting
- e-carbon heel and toe springs
- Elegant and compact for cosmetic finish
- Sandal Toe Foot Shell

Foot Shell and Glide Sock included.

Specifications

Max. User Weight:	125kg
Activity Level:	(2), 3, (4*)
Size Range:	22cm-30cm
Component Weight:	688g†
Build Height:	115mm sizes 22-24 120mm sizes 25-26 125mm sizes 27-30
Heel Height:	10mm

 Suitable for submersion

Order Example

Product Code	Size	Side	Width*	Spring Set	Sandal Toe
EC	25	L	N	3	S

*Narrow (N) and Wide (W) available for sizes 25-28 only.□
For dark tone add suffix D.
Example: foot size 25, left, narrow, spring rating 3, sandal toe.

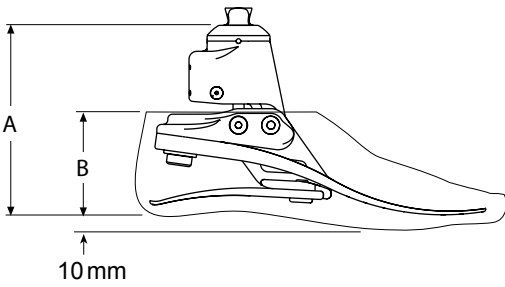
Accessories

Alignment Wedge	940093
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Echelon



Build Height



Size	A	Size	B
22-24	115 mm	22-26	65 mm
25-26	120 mm	27-28	70 mm
27-30	125 mm	29-30	75 mm

Build part numbers are for assembly guidance only and may not be for sale separately.

Activity Level 2 and 4* users who would benefit from this foot will require softer or stiffer springs as appropriate for the individual. Refer to Instructions for Use for further information. Spring set recommendations are for trans-tibial users. For trans-femoral we suggest selecting a spring set one level lower.

Activity
3

User Weight

44-52	53-59	60-68	69-77	78-88	89-100	101-116	117-125	kg
100-115	116-130	131-150	151-170	171-195	196-220	221-255	256-275	lbs
1	2	3	4	5	6	7	8	Spring set

*Maximum user weight 100kg and always use one higher spring rate category than shown in the Spring Set Selection table.
†Component weight shown is for a size 26cm without foot shell.

1 Spring Kits:

Foot Size	Foot Size	Foot Size	Foot Size
22-24	25-26	27-28	29-30
Set 1 - 539801S	Set 1 - 539810S	Set 1 - 539819S	Set 1 - 539828S
Set 2 - 539802S	Set 2 - 539811S	Set 2 - 539820S	Set 2 - 539829S
Set 3 - 539803S	Set 3 - 539812S	Set 3 - 539821S	Set 3 - 539830S
Set 4 - 539804S	Set 4 - 539813S	Set 4 - 539822S	Set 4 - 539831S
Set 5 - 539805S	Set 5 - 539814S	Set 5 - 539823S	Set 5 - 539832S
Set 6 - 539806S	Set 6 - 539815S	Set 6 - 539824S	Set 6 - 539833S
Set 7 - 539807S	Set 7 - 539816S	Set 7 - 539825S	Set 7 - 539834S
Set 8 - 539808S	Set 8 - 539817S	Set 8 - 539826S	Set 8 - 539835S

2 Glide Sock:

Size 22-26	531011
Size 27-30	532811

3 Foot Shells:*

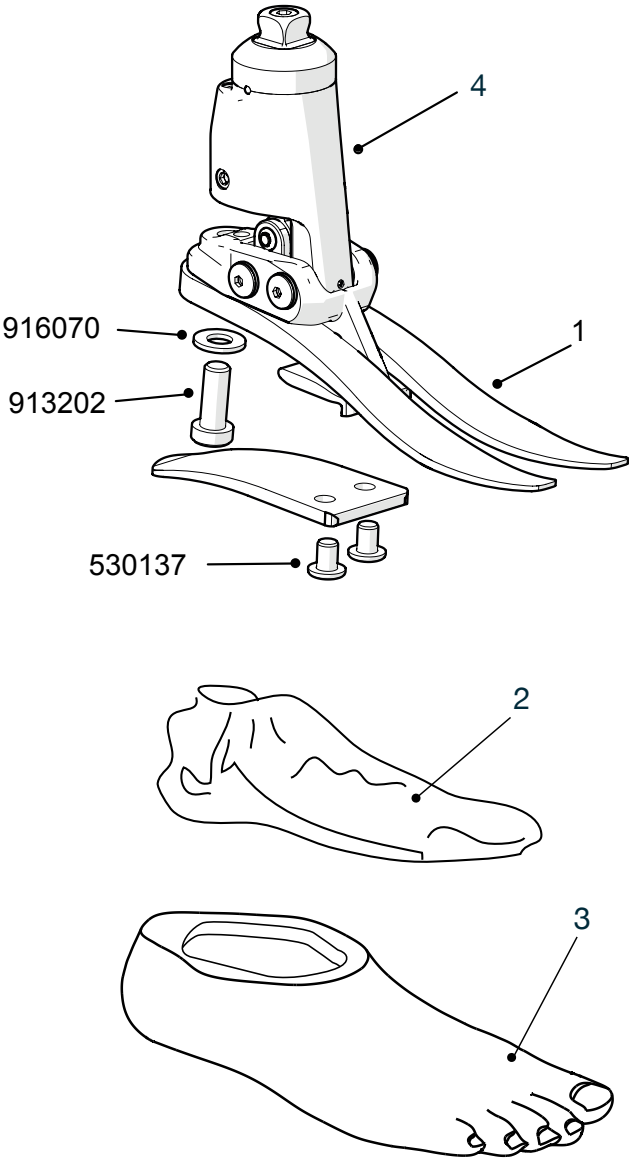
Foot size Left/Right	Narrow	Wide
22L	539038S	-
22R	539039S	-
23L	539040S	-
23R	539041S	-
24L	539042S	-
24R	539043S	-
25L	539044SN	539044SW
25R	539045SN	539045SW
26L	539046SN	539046SW
26R	539047SN	539047SW
27L	539048SN	539048SW
27R	539049SN	539049SW
28L	539050SN	539050SW
28R	539051SN	539051SW
29L	-	539052S
29R	-	539053S
30L	-	539054S
30R	-	539055S

*For dark tone add suffix D

4 Carrier Assembly

Small 22-24	409263ER
Medium 25-26	409363ER
Large 27-30	409463ER

EchelonER Instructions for Use	938449
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Biomimetic hydraulic ankle with an extended range of ankle movement for increased stability on uneven and sloping terrain.

Features

- Unique and proven Echelon Technology
- Increased range of movement – 25° compared to Echelon’s 9°
- Improved flexibility of footwear choice and the option of barefoot walking
- More natural and comfortable sitting position
- Robust and waterproof design
- Easier and more stable standing and sitting
- Specially designed pyramid interface to allow water to escape from within the tube
- Sandal Toe Foot Shell

Foot Shell and Glide Sock included.

Specifications

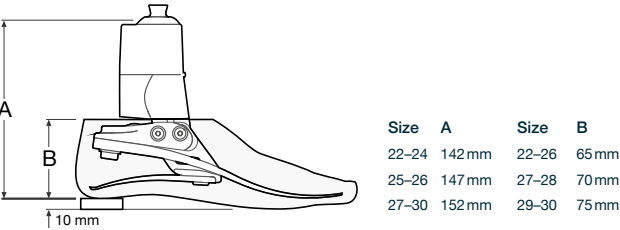
Max. User Weight:	125kg*
Activity Level:	(2), 3, (4**)
Size Range:	22cm-30cm
Component Weight:	770g†
Build Height:	142mm sizes 22-24 147mm sizes 25-26 152mm sizes 27-30
Heel Height:	10mm



Suitable for submersion



Build Height



Order Example

Product Code	Size	Side	Width*	Spring Set	Sandal Toe
ECER	25	L	N	3	S

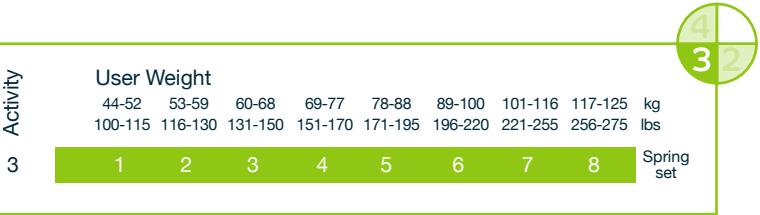
*Narrow (N) and Wide (W) available for sizes 25-28 only.†
For dark tone add suffix D.
Example: foot size 25, left, narrow, spring rating 3, sandal toe.

Accessories

Instructions for Use	938449
User Guide	938450
Alignment Wedge	940093
DF/PF Adjuster Key	940236

Build part numbers are for assembly guidance only and may not be for sale separately.

Activity Level 2 and 4** users who would benefit from this foot will require softer or stiffer springs as appropriate for the individual. Refer to Instructions for Use for further information.
Spring set recommendations are for trans-tibial users. For trans-femoral we suggest selecting a spring set one level lower.



**Maximum user weight 100 kg and always use one higher spring rate category than shown in Spring selection table.
†Component weight shown is for a size 26cm without foot shell.

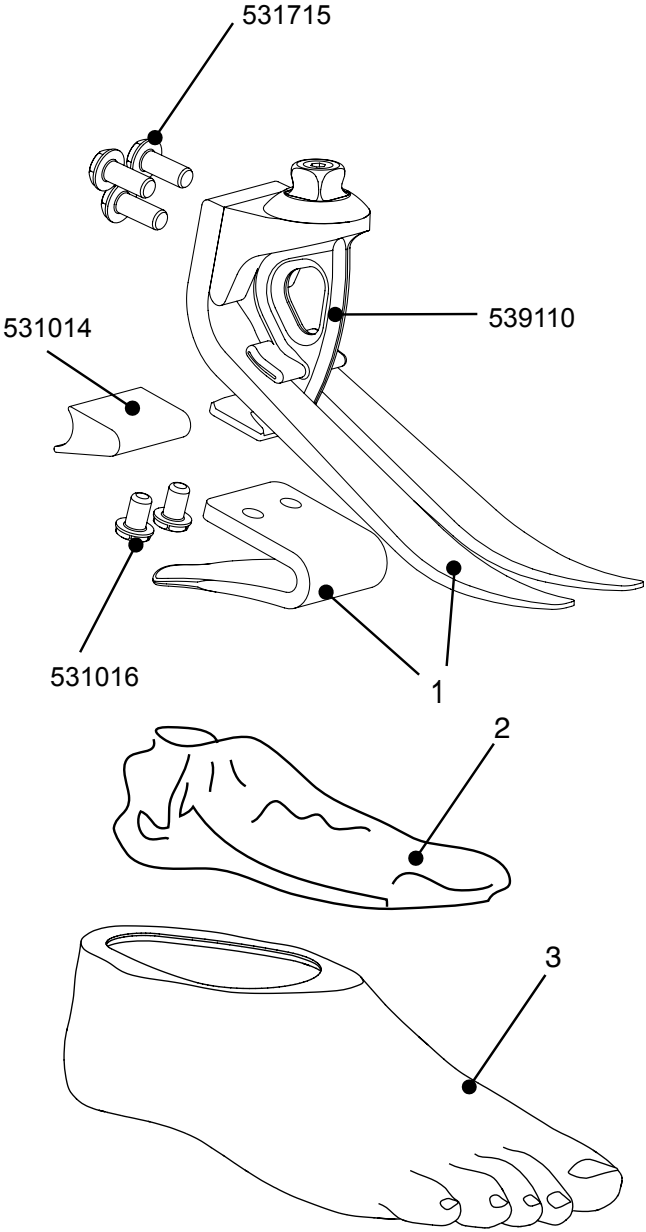
1 Spring Kits			
Foot Size	Foot Size	Foot Size	Foot Size
22-24	25-26	27-28	29-30
Set 1 - 539701S	Set 1 - 539710S	Set 1 - 539719S	Set 1 - Special
Set 2 - 539702S	Set 2 - 539711S	Set 2 - 539720S	Set 2 - Order only
Set 3 - 539703S	Set 3 - 539712S	Set 3 - 539721S	Set 3 - 539730S
Set 4 - 539704S	Set 4 - 539713S	Set 4 - 539722S	Set 4 - 539731S
Set 5 - 539705S	Set 5 - 539714S	Set 5 - 539723S	Set 5 - 539732S
Set 6 - 539706S	Set 6 - 539715S	Set 6 - 539724S	Set 6 - 539733S
Set 7 - 539707S	Set 7 - 539716S	Set 7 - 539725S	Set 7 - 539734S
Set 8 - 539708S	Set 8 - 539717S	Set 8 - 539726S	Set 8 - 539735S
Set 9 - -	Set 9 - 539718S	Set 9 - 539727S	Set 9 - 539736S

2 Glide Sock	
Size 22-26	531011
Size 27-30	532811

3 Foot Shells:*		
Foot size Left/Right	Narrow	Wide
22L	539038S	-
22R	539039S	-
23L	539040S	-
23R	539041S	-
24L	539042S	-
24R	539043S	-
25L	539044SN	539044SW
25R	539045SN	539045SW
26L	539046SN	539046SW
26R	539047SN	539047SW
27L	539048SN	539048SW
27R	539049SN	539049SW
28L	539050SN	539050SW
28R	539051SN	539051SW
29L	-	539052S
29R	-	539053S
30L	-	539054S
30R	-	539055S

*For dark tone add suffix D

Instructions for use 938223S



Lightweight activity foot for efficient energy return.

Features

- Enhanced e-carbon foot springs
- Ground compliance from Tripod System™
- Split toe
- Lightweight design
- Variable spring stiffness heel wedge
- Low build height and easy to finish
- Sandal Toe Foot shell

Foot Shell and Glide Sock included.

Specifications

Max. User Weight:	166kg
Activity Level:	(2), 3, 4
Size Range:	22cm-30cm
Component Weight:	420g†
Build Height:	130mm
Heel Height:	10mm

Suitable for submersion

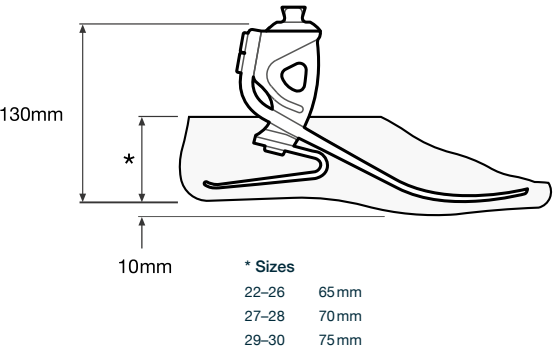
Order Example

Product Code	Size	Side	Width*	Spring Set	Sandal Toe
EL	25	L	N	5	S

*Narrow (N) and Wide (W) available for sizes 25-28 only.† For dark tone add suffix D. Foot example: Elite2, size 25, left, narrow, spring rating 5, sandal toe.



Build Height



Build part numbers are for assembly guidance only and may not be for sale separately.

4

3

2

Impact	Activity	User Weight										Foot spring set
		44-52 100-115	53-59 116-130	60-68 131-150	69-77 151-170	78-88 171-195	89-100 196-220	101-116 221-255	117-130 256-285	131-147 286-325	148-166 326-365	
Low	3	1	1	2	3	4	5	6	7	8	9	
Mod	4	1	2	3	4	5	6	7	8	9	-	
High	4	2	3	4	5	6	7	8	9	-	-	

Low Daily walking and occasional sports such as golf and hiking

Mod Aggressive walking, frequent or daily sports such as jogging

High Daily activities such as distance running, climbing, lifting and carrying heavy objects for vocational purposes

Spring set recommendations are for trans-tibial users. For trans-femoral use we suggest selecting a spring set one level lower.

†Component weight shown is for a size 26cm without foot shell.

Elite^{VT} Schematics

1 Spring Kits

Foot Size	Foot Size	Foot Size	Foot Size
22-24	25-26	27-28	29-30
Set 1 - 539701S	Set 1 - 539710S	Set 1 - 539719S	Set 1 - Special
Set 2 - 539702S	Set 2 - 539711S	Set 2 - 539720S	Set 2 - Order only
Set 3 - 539703S	Set 3 - 539712S	Set 3 - 539721S	Set 3 - 539730S
Set 4 - 539704S	Set 4 - 539713S	Set 4 - 539722S	Set 4 - 539731S
Set 5 - 539705S	Set 5 - 539714S	Set 5 - 539723S	Set 5 - 539732S
Set 6 - 539706S	Set 6 - 539715S	Set 6 - 539724S	Set 6 - 539733S
Set 7 - 539707S	Set 7 - 539716S	Set 7 - 539725S	Set 7 - 539734S
Set 8 - 539708S	Set 8 - 539717S	Set 8 - 539726S	Set 8 - 539735S
Set 9 - -	Set 9 - 539718S	Set 9 - 539727S	Set 9 - 539736S

2 Glide Sock

Size 22-26	531011
Size 27-30	532811

3 Foot Shells:*

Foot size	Left/Right	Narrow	Wide
22L	539038S	-	
22R	539039S	-	
23L	539040S	-	
23R	539041S	-	
24L	539042S	-	
24R	539043S	-	
25L	539044SN	539044SW	
25R	539045SN	539045SW	
26L	539046SN	539046SW	
26R	539047SN	539047SW	
27L	539048SN	539048SW	
27R	539049SN	539049SW	
28L	539050SN	539050SW	
28R	539051SN	539051SW	
29L	-	539052S	
29R	-	539053S	
30L	-	539054S	
30R	-	539055S	

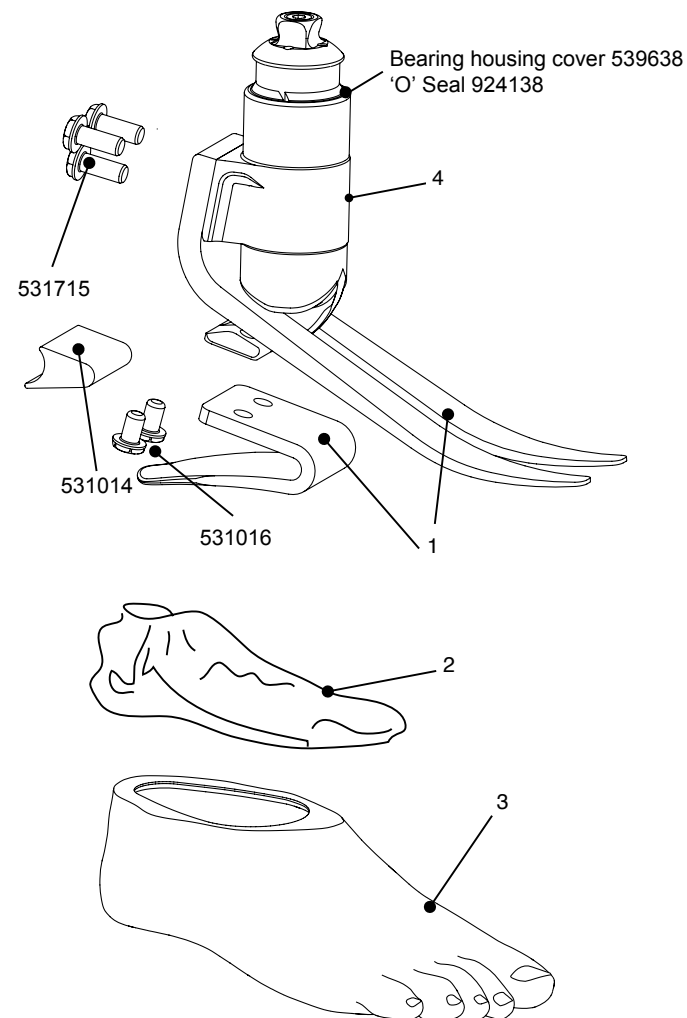
*For dark tone add suffix D

4 Carrier assembly

Rate 1 - 539138	Rate 1 - 539058
Rate 2 - 539238	Rate 2 - 539059
Rate 3 - 539338	Rate 3 - 539060
Rate 4 - 539438	Rate 4 - 539061

Instructions for use

938289S



Build part numbers are for assembly guidance only and may not be for sale separately.

Active foot with integral shock absorption, rotation and flexibility.

Features

- Precision titanium spring for vertical compression and axial rotation
- Progressive response to axial loading
- Controlled and efficient energy return
- Independent e-carbon foot springs
- Variable spring stiffness heel wedge
- Compact, low maintenance and cosmetic
- Sandal Toe Foot shell

Foot Shell and Glide Sock included.

Specifications

Max. User Weight:	166kg
Activity Level:	3-4
Max. Rotation:	+/-15deg
Size Range:	22cm-30cm
Component Weight:	750g [†]
Build Height:	170mm
Heel Height:	10mm



Suitable for outdoor use

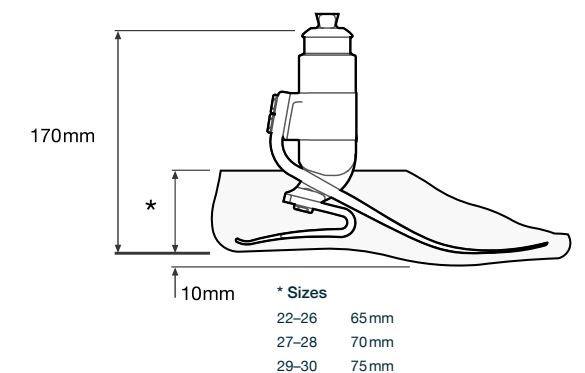
Order Example



Product Code	Size	Side	Width*	Spring Set	Shock Spring	Sanda Toe
EVT	25	L	N	7	3	S

*Narrow (N) and Wide (W) available for sizes 25-28 only. □

For dark tone add suffix D. Foot example: EliteVT, size 25, left, narrow, spring set 7, shock spring 3, sandal toe.

Build Height



	Impact	Activity	User Weight										Foot spring set
			44-52 100-115	53-59 116-130	60-68 131-150	69-77 151-170	78-88 171-195	89-100 196-220	101-116 221-255	117-130 256-285	131-147 286-325	148-166 kg 326-365 lbs	
Low		Daily walking and occasional sports such as golf and hiking	1	1	2	3	4	5	6	7	8	9	 Axial shock rate spring indicated as shown  Axial shock spring
Mod		Aggressive walking, frequent or daily sports such as jogging	1	2	3	4	5	6	7	8	9	-	
High		Daily activities such as distance running, climbing, lifting and carrying heavy objects for vocational purposes	2	3	4	5	6	7	8	9	-	-	
Spring set recommendations are for trans-tibial users. For trans-femoral use we suggest selecting a spring set one level lower.			1	2	3	4							

[†]Component weight shown is for a size 26cm without foot shell.



Epirus Schematics

1 Spring Kits			
Foot Size	Foot Size	Foot Size	Foot Size
22-24	25-26	27-28	29-30
Set 1 - 539801S	Set 1 - 539810S	Set 1 - 539819S	Set 1 - 539828S
Set 2 - 539802S	Set 2 - 539811S	Set 2 - 539820S	Set 2 - 539829S
Set 3 - 539803S	Set 3 - 539812S	Set 3 - 539821S	Set 3 - 539830S
Set 4 - 539804S	Set 4 - 539813S	Set 4 - 539822S	Set 4 - 539831S
Set 5 - 539805S	Set 5 - 539814S	Set 5 - 539823S	Set 5 - 539832S
Set 6 - 539806S	Set 6 - 539815S	Set 6 - 539824S	Set 6 - 539833S
Set 7 - 539807S	Set 7 - 539816S	Set 7 - 539825S	Set 7 - 539834S
Set 8 - 539808S	Set 8 - 539817S	Set 8 - 539826S	Set 8 - 539835S

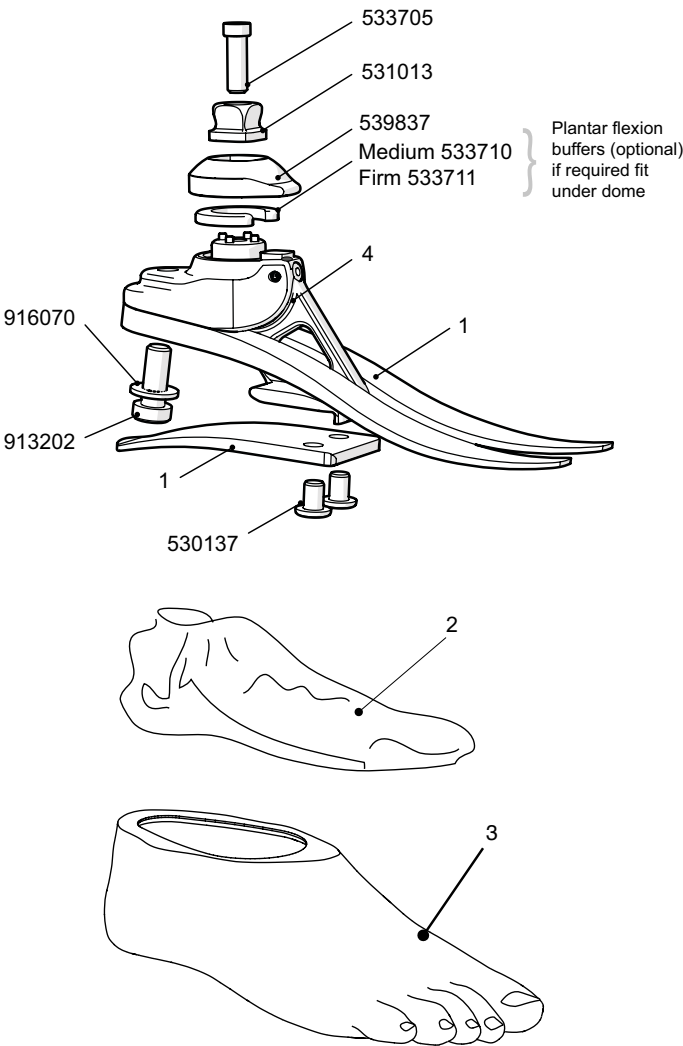
2 Glide Sock	
Sizes 22 to 26	531011
Sizes 27 to 30	532811

3 Foot Shells:*		
Foot size Left/Right	Narrow	Wide
22L	539038S	-
22R	539039S	-
23L	539040S	-
23R	539041S	-
24L	539042S	-
24R	539043S	-
25L	539044SN	539044SW
25R	539045SN	539045SW
26L	539046SN	539046SW
26R	539047SN	539047SW
27L	539048SN	539048SW
27R	539049SN	539049SW
28L	539050SN	539050SW
28R	539051SN	539051SW
29L	-	539052S
29R	-	539053S
30L	-	539054S
30R	-	539055S

*For dark tone add suffix D

4 Carrier Assembly	
Small 22-24	539437
Medium 25-26	539537
Large 27-30	539637

Instructions for use	938276S
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Low profile foot with ankle joint and split toe.

Epirus

Features

- Multi-axial ankle motion with tripod stability
- Independent e-carbon foot springs
- Choice of PF stiffness
- Ground compliance and energy efficient response
- Sandal Toe Foot Shell

Foot Shell and Glide Sock included.

Specifications

Max. User Weight:	125kg
Activity Level:	(2), 3, (4*)
Size Range:	22cm-30cm
Component Weight:	400g [†]
Build Height:	85mm
Heel Height:	10mm

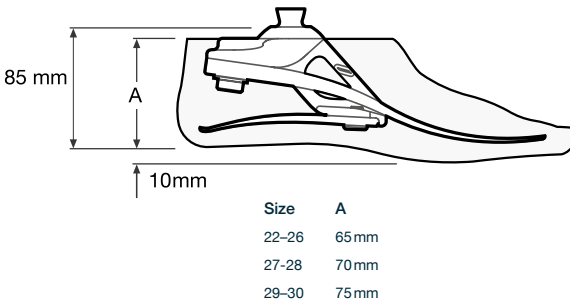
Suitable for outdoor use

Order Example

Product Code	Size	Side	Width*	Spring Set	Sandal Toe
EP	25	L	N	3	S

*Narrow (N) and Wide (W) available for sizes 25-28 only.
For dark tone add suffix D.
Example: foot size 25, left, narrow, spring rating 3, sandal toe.

Build Height



Size	A
22-26	65 mm
27-28	70 mm
29-30	75 mm

Build part numbers are for assembly guidance only and may not be for sale separately.

Activity	User Weight							
	44-52	53-59	60-68	69-77	78-88	89-100	101-116	117-125 kg
	100-115	116-130	131-150	151-170	171-195	196-220	221-255	256-275 lbs
	1	2	3	4	5	6	7	8
3	1	2	3	4	5	6	7	8

*Maximum user weight 100kg and always use one higher spring rate category than shown in the Spring Set Selection table.
[†]Component weight shown is for a size 26cm without foot shell.

1 Spring Kits			
Foot Size	Foot Size	Foot Size	Foot Size
22-24	25-26	27-28	29-30
Set 1 - 539801S	Set 1 - 539810S	Set 1 - 539819S	Set 1 - 539828S
Set 2 - 539802S	Set 2 - 539811S	Set 2 - 539820S	Set 2 - 539829S
Set 3 - 539803S	Set 3 - 539812S	Set 3 - 539821S	Set 3 - 539830S
Set 4 - 539804S	Set 4 - 539813S	Set 4 - 539822S	Set 4 - 539831S
Set 5 - 539805S	Set 5 - 539814S	Set 5 - 539823S	Set 5 - 539832S
Set 6 - 539806S	Set 6 - 539815S	Set 6 - 539824S	Set 6 - 539833S
Set 7 - 539807S	Set 7 - 539816S	Set 7 - 539825S	Set 7 - 539834S
Set 8 - 539808S	Set 8 - 539817S	Set 8 - 539826S	Set 8 - 539835S

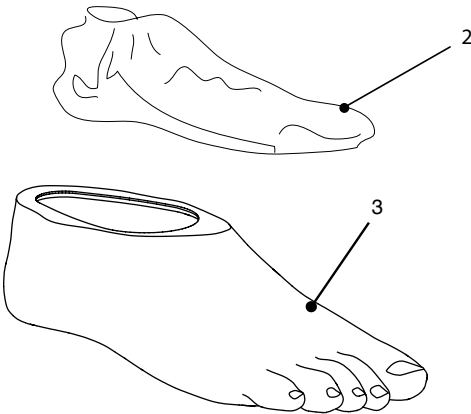
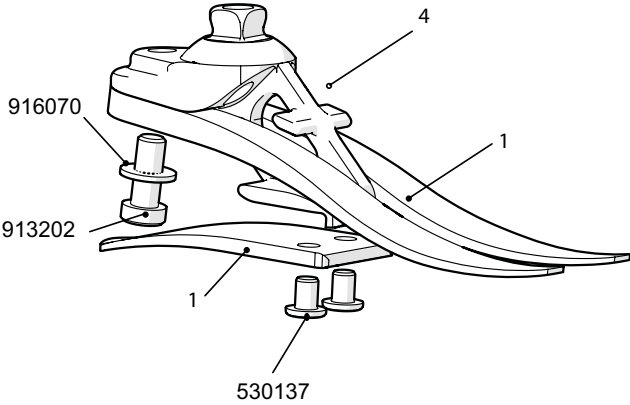
2 Glide Sock	
Sizes 22 to 26	531011
Sizes 27 to 30	532811

3 Foot Shells:*		
Foot size Left/Right	Narrow	Wide
22L	539038S	-
22R	539039S	-
23L	539040S	-
23R	539041S	-
24L	539042S	-
24R	539043S	-
25L	539044SN	539044SW
25R	539045SN	539045SW
26L	539046SN	539046SW
26R	539047SN	539047SW
27L	539048SN	539048SW
27R	539049SN	539049SW
28L	539050SN	539050SW
28R	539051SN	539051SW
29L	-	539052S
29R	-	539053S
30L	-	539054S
30R	-	539055S

*For dark tone add suffix D

4 Carrier Assembly	
Small 22-24	539201
Medium 25-26	539210
Large 27-30	539219

Instructions for use	938264S
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Low profile foot with split toe springs for energy response.

Features

- Low profile foot with e-carbon springs
- Lightweight and easy to finish
- Tripod design with split toe
- Ideal for longer residual limbs or where additional components are required
- Sandal Toe Foot Shell

Foot Shell and Glide Sock included.

Specifications

Max. User Weight:	125kg
Activity Level:	(2), 3, (4*)
Size Range:	22cm-30cm
Component Weight:	317g†
Build Height:	65mm size 22-24 70mm size 25-26 75mm size 27-30
Heel Height:	10mm

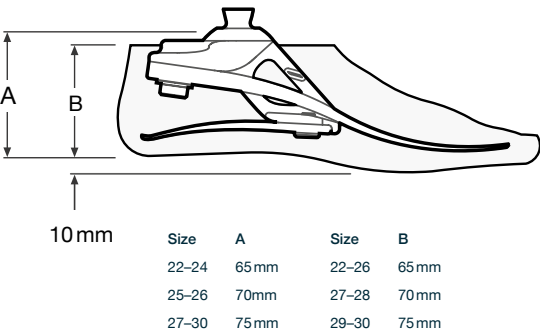
Suitable for submersion

Order Example

Product Code	Size	Side	Width*	Spring Set	Sandal Toe
ESP	25	L	N	3	S

*Narrow (N) and Wide (W) available for sizes 25-28 only.†
For dark tone add suffix D.
Example: foot size 25, left, narrow, spring rating 3, sandal toe.

Build Height



Build part numbers are for assembly guidance only and may not be for sale separately.

Activity	User Weight							
	44-52	53-59	60-68	69-77	78-88	89-100	101-116	117-125 kg
	100-115	116-130	131-150	151-170	171-195	196-220	221-255	256-275 lbs
	3	1	2	3	4	5	6	7 8 Spring set

†Component weight shown is for a size 26cm without foot shell.
*Maximum user weight 100kg and always use one higher spring rate category than shown in the Spring Set Selection table.

Elite Blade Schematics

1 Spring Kits			
Foot Size	Foot Size	Foot Size	Foot Size
22-24	25-26	27-28	29-30
Set 1 - 539901S	Set 1 - 539610S	Set 1 - 539619S	Set 1 - Special
Set 2 - 539902S	Set 2 - 539611S	Set 2 - 539620S	Set 2 - Order only
Set 3 - 539903S	Set 3 - 539612S	Set 3 - 539621S	Set 3 - 539630S
Set 4 - 539904S	Set 4 - 539613S	Set 4 - 539622S	Set 4 - 539631S
Set 5 - 539905S	Set 5 - 539614S	Set 5 - 539623S	Set 5 - 539632S
Set 6 - 539906S	Set 6 - 539615S	Set 6 - 539624S	Set 6 - 539633S
Set 7 - 539907S	Set 7 - 539616S	Set 7 - 539625S	Set 7 - 539634S
Set 8 - -	Set 8 - 539617S	Set 8 - 539626S	Set 8 - 539635S
Set 9 - -	Set 9 - 539618S	Set 9 - 539627S	Set 9 - 539636S

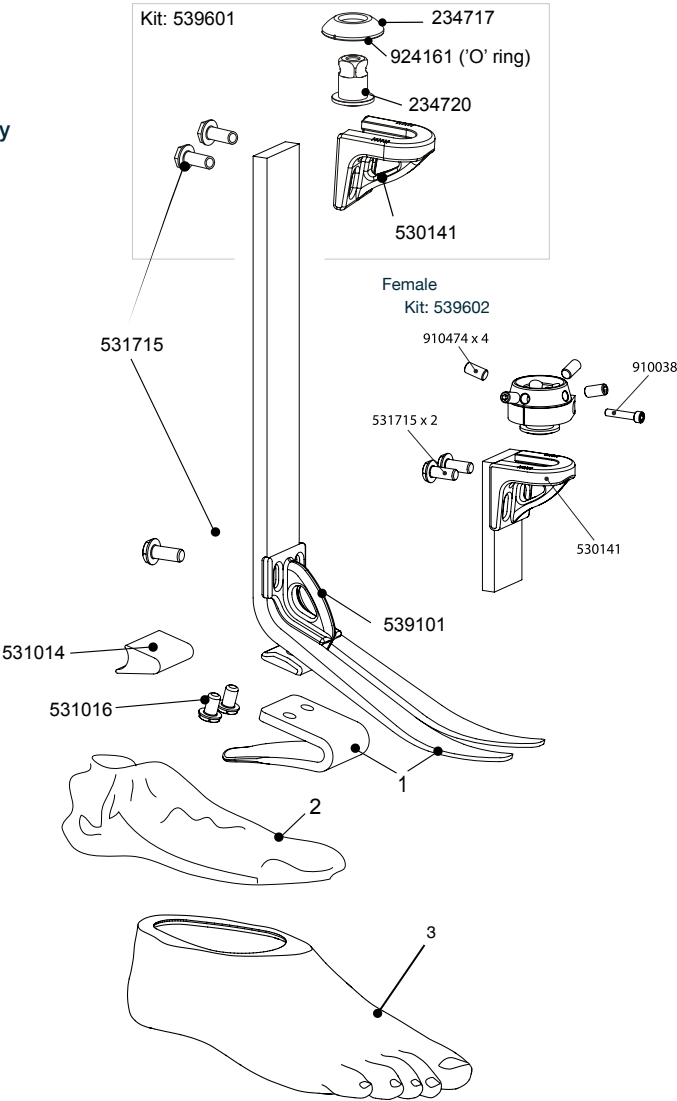
2 Glide Sock	
Size 22-26	531011
Size 27-30	532811

3 Foot Shells:*		
Foot size Left/Right	Narrow	Wide
22L	539038S	-
22R	539039S	-
23L	539040S	-
23R	539041S	-
24L	539042S	-
24R	539043S	-
25L	539044SN	539044SW
25R	539045SN	539045SW
26L	539046SN	539046SW
26R	539047SN	539047SW
27L	539048SN	539048SW
27R	539049SN	539049SW
28L	539050SN	539050SW
28R	539051SN	539051SW
29L	-	539052S
29R	-	539053S
30L	-	539054S
30R	-	539055S

*For dark tone add suffix D

Fitting Clamp:
Elite Blade Cutting Jig 941255
Use also as cutting and drilling guide. Available separately.

Instructions For Use 938295S



Flexible and lightweight blade for high energy return.

Features

- e-carbon foot with independent springs
- Lightweight with dynamic forward progression
- Spring range from low to high impact
- Variable spring stiffness heel wedge
- Male or female sliding & rotating housings
- Sandal Toe Foot shell

Foot Shell and Glide Sock included.

Specifications

Max. User Weight:	166kg
Activity Level:	3-4
Size Range:	22cm-30cm
Component Weight:	500g [†]
Build Height:	200mm - 365mm (min - max)
Heel Height:	10mm

Suitable for submersion

Order Example

Product Code	Size	Side	Width*	Spring Set	Sandal Toe	+ Top Housing
EB	25	L	N	5	S	539601: Blade top housing TT male - sliding & rotating 539602: Blade top housing TT female - sliding & rotating

*Narrow (N) and Wide (W) available for sizes 25-28 only.[†]
For dark tone add suffix D. Foot examples: Elite Blade, size 25 left, narrow, spring rating 5, sandal toe.

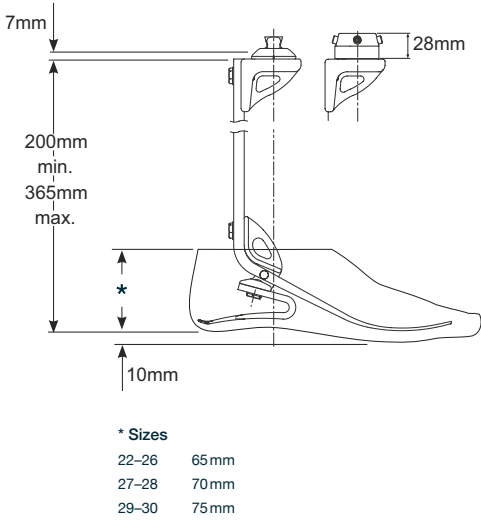
Accessories

Foot Shell Cover	539087	
Top housing male	539601	
Top housing female	539602	

Elite Blade



Build Height



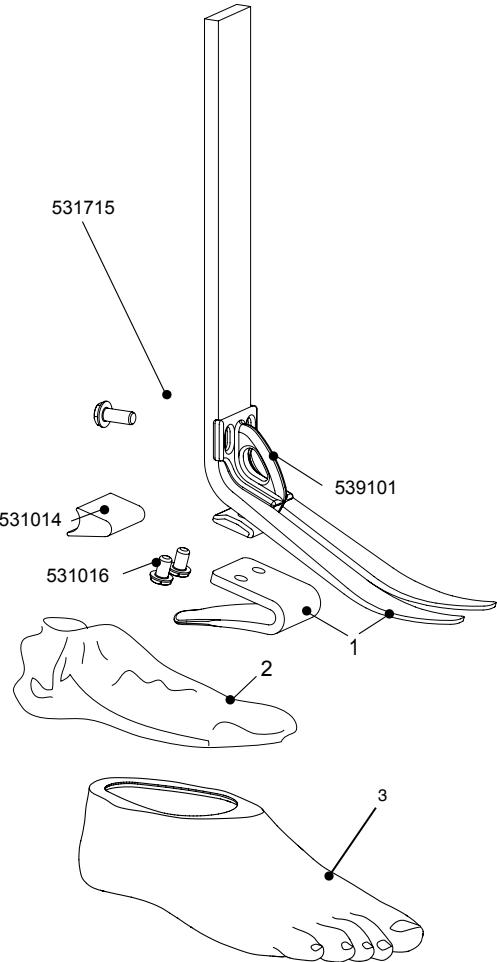
Low	Daily walking and occasional sports such as golf and hiking	Impact	Activity	User Weight										kg
				44-52 100-115	53-59 116-130	60-68 131-150	69-77 151-170	78-88 171-195	89-100 196-220	101-116 221-255	117-130 256-285	131-147 286-325	148-166 326-365	
Mod	Aggressive walking, frequent or daily sports such as jogging	Low	3	1	1	2	3	4	5	6	7	8	9	Foot spring set
High	Daily activities such as distance running, climbing, lifting and carrying heavy objects for vocational purposes	Mod	4	1	2	3	4	5	6	7	8	9	-	
		High	4	2	3	4	5	6	7	8	9	-	-	
Spring set recommendations are for trans-tibial users. For trans-femoral use we suggest selecting a spring set one level lower.														

[†]Component weight shown is for a size 26cm without foot shell.



Build part numbers are for assembly guidance only and may not be for sale separately.

Elite Blade^{VT} Schematics



1 Spring Kits			
Foot Size	Foot Size	Foot Size	Foot Size
22-24	25-26	27-28	29-30
Set 1 - 539901S	Set 1 - 539610S	Set 1 - 539619S	Set 1 - Special
Set 2 - 539902S	Set 2 - 539611S	Set 2 - 539620S	Set 2 - Order only
Set 3 - 539903S	Set 3 - 539612S	Set 3 - 539621S	Set 3 - 539630S
Set 4 - 539904S	Set 4 - 539613S	Set 4 - 539622S	Set 4 - 539631S
Set 5 - 539905S	Set 5 - 539614S	Set 5 - 539623S	Set 5 - 539632S
Set 6 - 539906S	Set 6 - 539615S	Set 6 - 539624S	Set 6 - 539633S
Set 7 - 539907S	Set 7 - 539616S	Set 7 - 539625S	Set 7 - 539634S
Set 8 - -	Set 8 - 539617S	Set 8 - 539626S	Set 8 - 539635S
Set 9 - -	Set 9 - 539618S	Set 9 - 539627S	Set 9 - 539636S

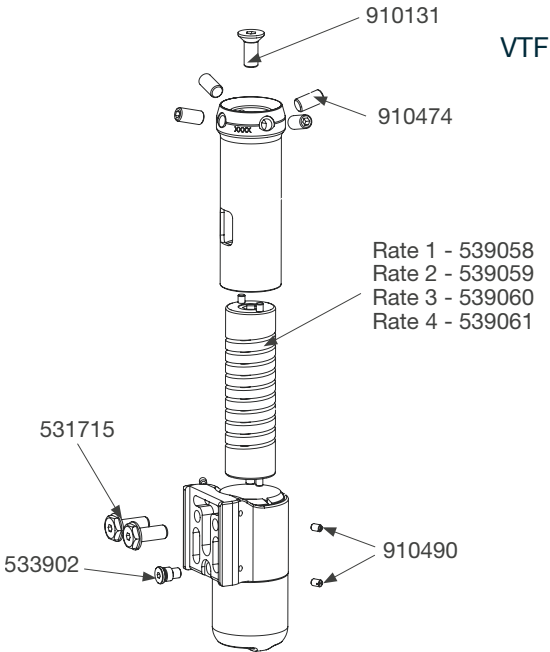
2 Glide Sock	
Size 22-26	531011
Size 27-30	532811

3 Foot Shells:*		
Foot size Left/Right	Narrow	Wide
22L	539038S	-
22R	539039S	-
23L	539040S	-
23R	539041S	-
24L	539042S	-
24R	539043S	-
25L	539044SN	539044SW
25R	539045SN	539045SW
26L	539046SN	539046SW
26R	539047SN	539047SW
27L	539048SN	539048SW
27R	539049SN	539049SW
28L	539050SN	539050SW
28R	539051SN	539051SW
29L	-	539052S
29R	-	539053S
30L	-	539054S
30R	-	539055S

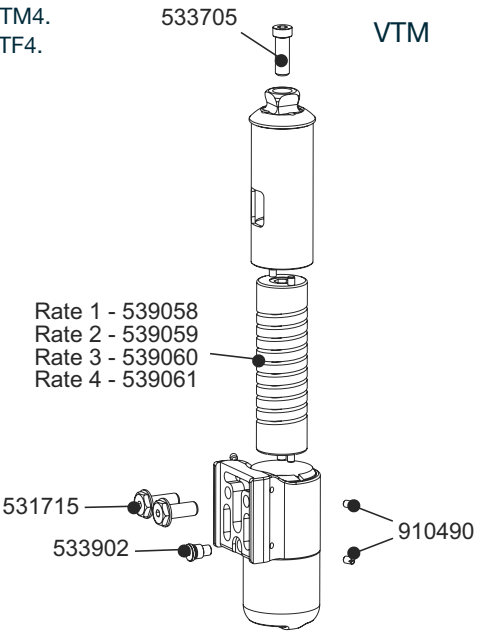
Fitting clamp - 941255 fitting clamp for alignment and set-up.
Use also as cutting and drilling guide. Available separately

VT (male): VTM1, VTM2, VTM3, VTM4.
VT (female): VTF1, VTF2, VTF3, VTF4.
VT cutting jig - 941256

Instructions for Use:
Elite Blade 938295S
VTM 938312
VTF 938319
Cutting Jig 938314



Build part numbers are for assembly guidance only and may not be for sale separately.



Flexible blade with shock absorption and rotation device.

Features

- Powerful and dynamic forward progression
- Precision machined spring for vertical compression and axial rotation
- Controlled and efficient energy return
- Independent e-carbon foot springs
- Variable spring stiffness heel wedge
- Slimline design is easy to finish
- Sandal Toe Foot shell

Foot Shell and Glide Sock included.

Specifications

Max. User Weight:	166kg
Activity Level:	3-4
Max. Rotation	+/-15deg
Size Range:	22cm-30cm
Component Weight:	1030g†
Build Height VTM:	215mm - 380mm (min - max)
Build Height VTF:	233mm - 398mm (min - max)
Heel Height:	10mm



Order Example

Product Code	Size	Side	Width*	Spring Selection	Sandal Toe	VT Component
EB	25	L	N	5	S	Male VTM1 or VTF1 VTM2 or VTF2 VTM3 or VTF3 VTM4 or VTF4







Please note this product will be supplied as two items.

*Narrow (N) and Wide (W) available for sizes 25-28 only.
For dark tone add suffix D. Foot example: Elite BladeVT, size 25, left, narrow, spring rating 5, sandal toe.

Accessories

Foot Shell Cover 539087



Low	Daily walking and occasional sports such as golf and hiking	Impact Activity	User Weight										
			44-52 100-115	53-59 116-130	60-68 131-150	69-77 151-170	78-88 171-195	89-100 196-220	101-116 221-255	117-130 256-285	131-147 286-325	148-166 326-365	kg lbs
Mod	Aggressive walking, frequent or daily sports such as jogging	Low 3	1	1	2	3	4	5	6	7	8	9	Foot spring set
High	Daily activities such as distance running, climbing, lifting and carrying heavy objects for vocational purposes	Mod 4	1	2	3	4	5	6	7	8	9	-	
		High 4	2	3	4	5	6	7	8	9	-	-	
Spring set recommendations are for trans-tibial users. For trans-femoral use we suggest selecting a spring set one level lower.										 Axial shock rate spring indicated as shown			
			1	2		3		4		 Axial shock spring			

†Component weight shown is for a size 26cm without foot shell.

Elite Blade^{VT}

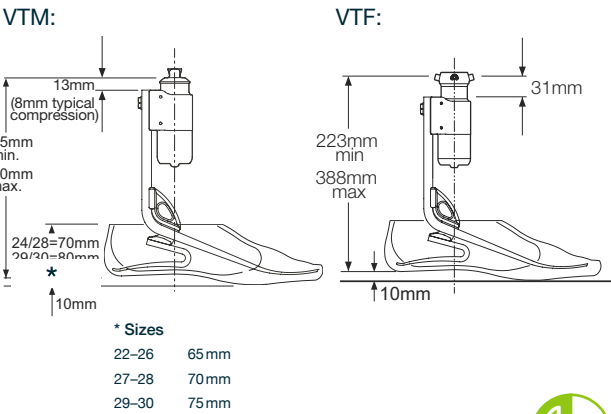


Tools



Cutting/drill & fitting jig VT 941256 Blade 941255

Build Height



4
3

⬅ Axial shock rate spring indicated as shown
⬅ Axial shock spring

Blade^{XT} Schematics

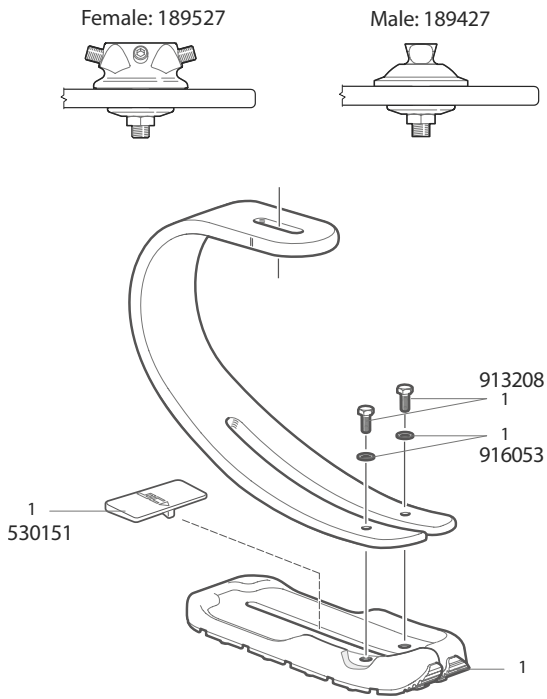
1 BXT Heel Spring Kits
Include the overmoulded cover, fasteners and heel wedge.

Spring Category	Heel Type	Part No.
1, 2	Soft Sports	539083SS
3, 4, 5	Medium Sports	539083MS
6, 7	Firm Sports	539083FS
8, 9	Extra Firm	539083EFS

Proximal Adapter	
Male	189427
Female	189527

Instructions for use	938345
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Build part numbers are for assembly guidance only and may not be for sale separately.



Sports blade with powerful twin toe spring and traction heel for postural support and grip.

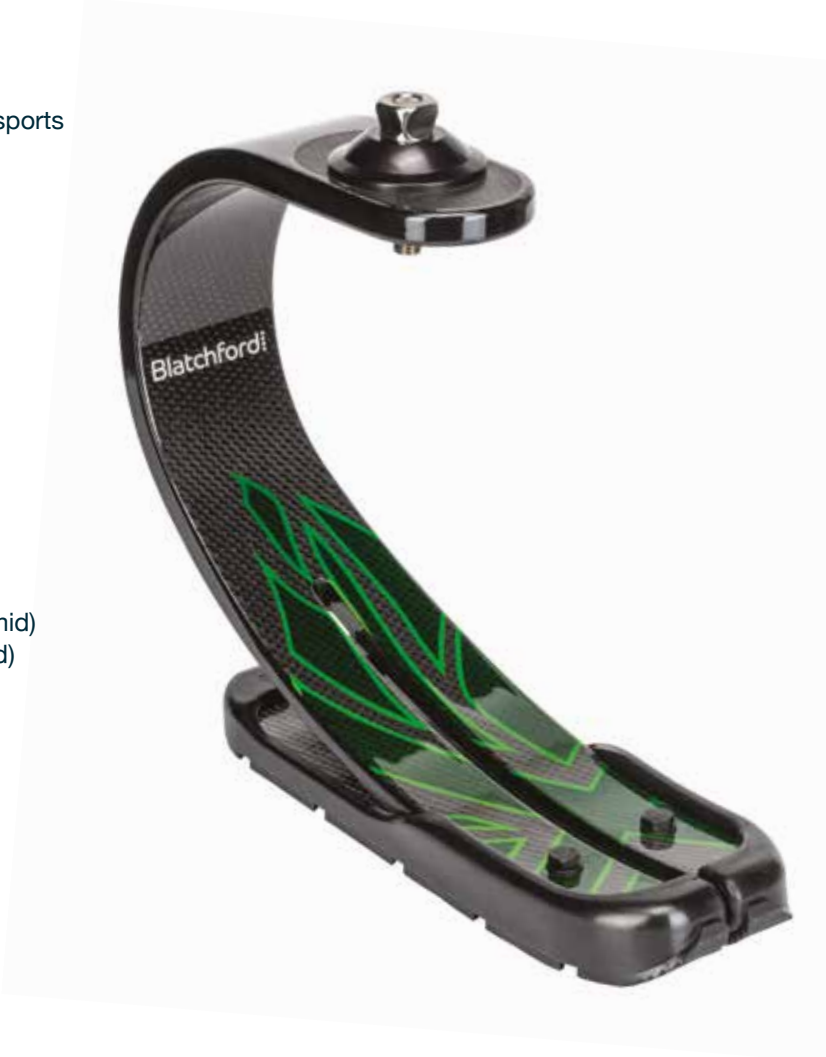
Blade^{XT}

Features

- Ideal for cross training, running, bat and ball sports
- Controlled acceleration and deceleration
- Ease of alignment incl. A/P slide
- Variable spring stiffness heel wedge
- Heel stiffness adjustment

Specifications

Max. User Weight:	166kg
Activity Level:	4
Spring range:	1-9
Component Weight:	850g cat. 6
Build Height:	250mm (female pyramid) 230mm (male pyramid)



Suitable for submersion

Order Example

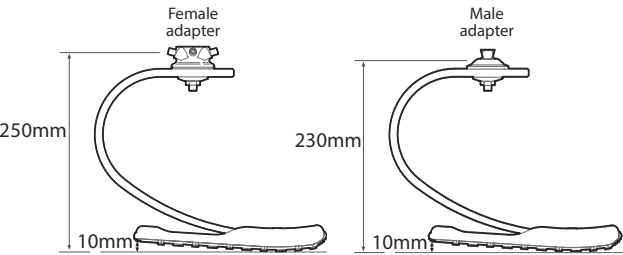
Product Code	Spring Set	Sole	Adapter Type
BXTAG	3	S	F

Foot example: BladeXT, spring rating 3, sport sole, female adapter

Product Code	Spring Set	Sole	Adapter Type
BXTAG	4	S	M

Foot example: BladeXT, spring rating 4, sport sole, male adapter

Build Height



		User	Activity	User Weight											Foot spring set
				44-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147	148-166	kg lbs	
Jogger	Occasional to frequent recreational running	Jogger	4	1	2	3	4	5	6	7	8	9	9		4
Runner	Frequent distance running and endurance training	Runner	4	2	3	4	5	6	7	8	9	9	-		

Important: For higher impact users, do not exceed the weight limit for individual springs.



Javelin Schematics

1 Spring Kits:

Foot Size	Foot Size	Foot Size	Foot Size
22-24	25-26	27-28	29-30
Set 1 - 539301S	Set 1 - 539510S	Set 1 - 539519S	Special
Set 2 - 539302S	Set 2 - 539511S	Set 2 - 539520S	Order Only
Set 3 - 539303S	Set 3 - 539512S	Set 3 - 539521S	Set 3 - 539530S
Set 4 - 539304S	Set 4 - 539513S	Set 4 - 539522S	Set 4 - 539531S
Set 5 - 539305S	Set 5 - 539514S	Set 5 - 539523S	Set 5 - 539532S
Set 6 - 539306S	Set 6 - 539515S	Set 6 - 539524S	Set 6 - 539533S
Set 7 - 539307S	Set 7 - 539516S	Set 7 - 539525S	Set 7 - 539534S
Set 8 - 539308S	Set 8 - 539517S	Set 8 - 539526S	Set 8 - 539535S
Set 9 - -	Set 9 - 539518S	Set 9 - 539527S	Set 9 - 539536S

2 Glide Sock

Sizes 22 to 26	531011
Sizes 27 to 30	532811

3 Foot Shells:*

Foot size Left/Right	Narrow	Wide
22L	539038S	-
22R	539039S	-
23L	539040S	-
23R	539041S	-
24L	539042S	-
24R	539043S	-
25L	539044SN	539044SW
25R	539045SN	539045SW
26L	539046SN	539046SW
26R	539047SN	539047SW
27L	539048SN	539048SW
27R	539049SN	539049SW
28L	539050SN	539050SW
28R	539051SN	539051SW
29L	-	539052S
29R	-	539053S
30L	-	539054S
30R	-	539055S

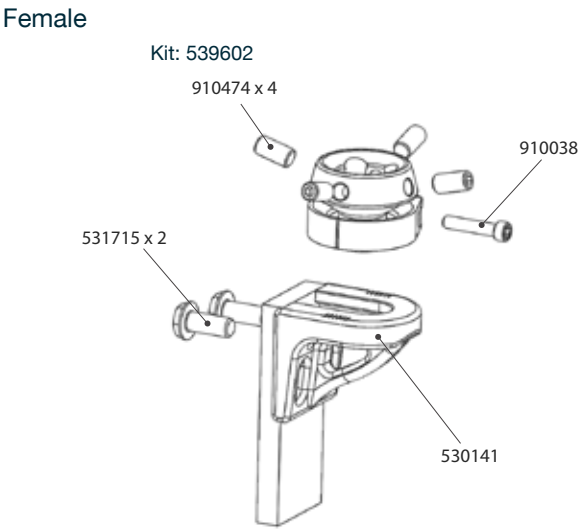
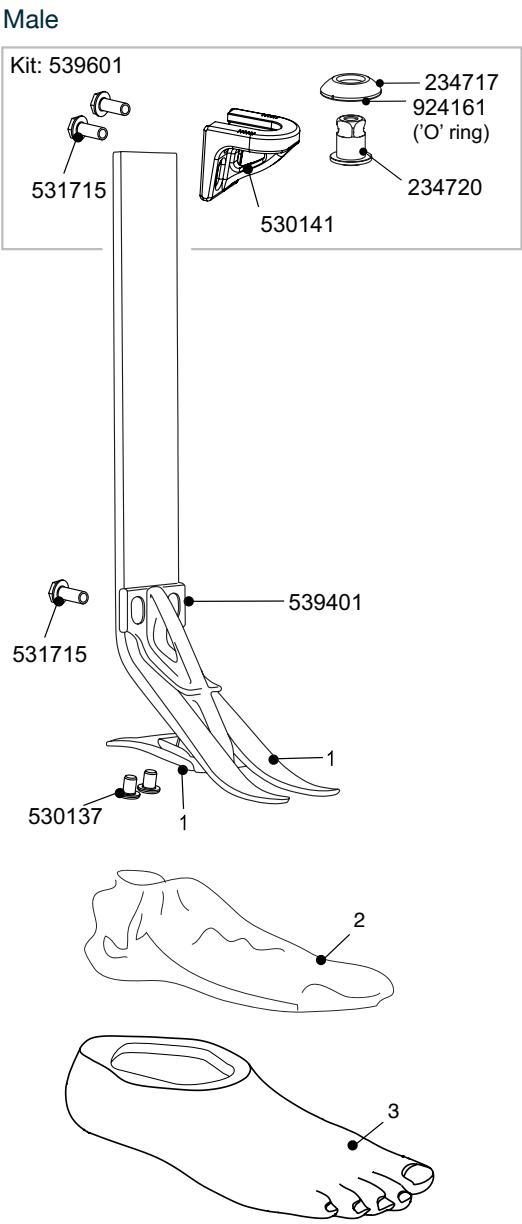
*For dark tone add suffix D

Fitting clamp - 941255 fitting clamp for alignment and set-up. Use also as cutting and drilling guide. Available separately.

Tools:

Cutting/Drill & Jig Standard	941255
Instructions For Use	938306S

Build part numbers are for assembly guidance only and may not be for sale separately.



Lightweight blade, ideal for moderate impact sports and activities.

Features

- Small sizes available
- e-carbon foot with independent springs
- Dynamic pylon enhances shock absorption
- Easy to finish cosmetically
- Sandal Toe Foot Shell

Foot Shell and Glide Sock included.

Specifications

Max. User Weight:	166kg
Activity Level:	(2), 3, (4*)
Size Range:	22cm-30cm
Component Weight:	444g [†]
Build Height:	200mm - 365mm (min - max)
Heel Height:	10mm



Order Example

Product Code	Size	Side	Width*	Spring Set	Sandal Toe	+ Top Housing
JAV	25	L	N	3	S	539601: Blade top housing TT male - sliding & rotating 539602: Blade top housing TT female - sliding & rotating

*Narrow (N) and Wide (W) available for sizes 25-28 only.[‡]
For dark tone add suffix D.
Example: foot size 25, left, narrow, spring rating 3, sandal toe, adapter.

Accessories

Foot Shell Cover	539087	
Top housing male	539601	
Top housing female	539602	

Activity Level 2 users who would benefit from this foot will require softer springs as appropriate for the individual. Refer to Instructions for Use for further information.

Spring set recommendations are for trans-tibial users. For trans-femoral we suggest selecting a spring set one level lower.

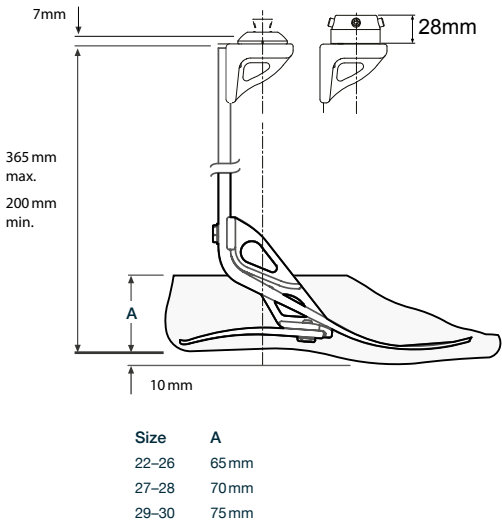
Activity	User Weight											Spring set
	44-52	53-59	60-68	69-77	78-88	89-100	101-116	117-130	131-147	148-166	kg	
3	1	1	2	3	4	5	6	7	8	9	lbs	

[‡]Maximum user weight 100 kg and always use one higher spring rate category than shown in Spring selection table.
[†]Component weight shown is for a size 26cm without foot shell.

Javelin



Build Height

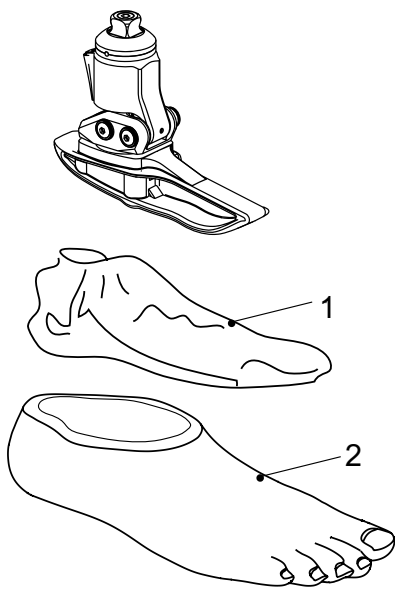


Avalon^{K2} Schematics

1. Glide Sock, Sizes 22-30		405815	
2. Foot Shell*			
Left	Part Number	Right	Part Number
22L	539020	22R	539021
23L	539022	23R	539023
24L	539024	24R	539025
25L	539026	25R	539027
26L	539028	26R	539029
27L	539030	27R	539031
28L	539032	28R	539033
29L	539034	29R	539035
30L	539036	30R	539037

*For dark tone add suffix D

Hex Key 2.5mm AF	940234
Instructions for use	938327



Hydraulic ankle/foot with ergonomic keel for better posture, stability and joint position.

Features

- Ergonomic keel for ease of rollover
- Increased range of motion to enable greater sit-stand transfer safety
- Increased shock absorption, reduction in interface pressures
- Increased toe clearance in swing phase
- Plantar flexion compliance when descending steps
- Sandal toe

Foot Shell and Glide Sock included.

Specifications

Max. User Weight:	150kg
Activity Level:	2
Size Range:	22-30cm
Component Weight:	520g [†]
Build Height:	115mm
Heel Height:	10mm
Range of Ankle Motion:	6° plantar to 6° dorsiflexion



Order Example

Product Code	Size	Side
AV	25	L

For dark tone add suffix D.
Foot example: AvalonK2 size 25 left.

Accessories

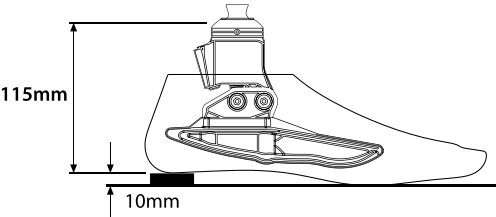
Alignment Wedge	940093
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Avalon^{K2}



Build Height



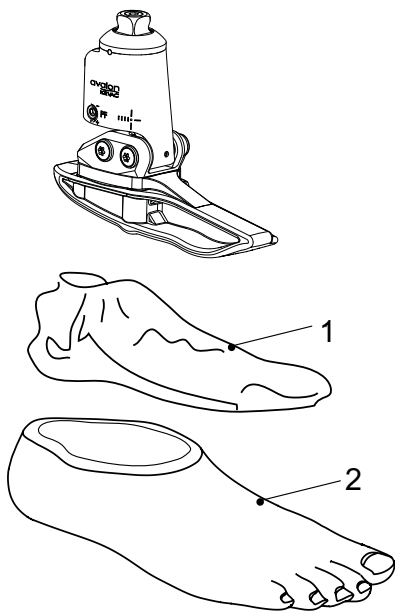
Build part numbers are for assembly guidance only and may not be for sale separately.

[†]Component weight shown is for a size 26cm without foot shell.



AvalonK2^{VAC} Schematics

1. Glide Sock, Sizes 24-30		405815	
2. Foot Shell*			
Left	Part Number	Right	Part Number
24L	539024	24R	539025
25L	539026	25R	539027
26L	539028	26R	539029
27L	539030	27R	539031
28L	539032	28R	539033
29L	539035	29R	539035
30L	539036	30R	539037
*For dark tone add suffix D			
DF/PF Adjuster Key		940236	
Instructions for use		938432	



Hydraulic ankle/foot with the added functionality of elevated vacuum. The ergonomic keel provides better posture, stability and joint position.

Features

- Biomimetic Hydraulic Technology with integrated elevated vacuum
- Walking motion generates a natural vacuum
- No power required, quiet gentle operation
- Ergonomic keel for ease of rollover
- Increased shock absorption, reduction in interface pressures
- Increased toe clearance in swing phase
- Plantar flexion compliance when descending steps
- Sandal toe

Foot Shell and Glide Sock included.

Specifications

Max. User Weight:	150kg
Activity Level:	2
Size Range:	24-30cm
Component Weight:	583g [†]
Build Height:	122mm
Heel Height:	10mm
Range of Ankle Motion:	6° plantar to 3° dorsiflexion



Suitable for outdoor use

Order Example

Product Code	Size	Side
AVAC	24	L

For dark tone add suffix D.
Foot example: Avalonk2VAC size 24L.

Accessories

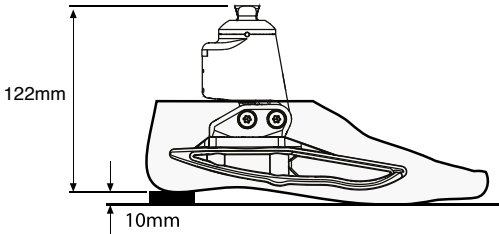
Alignment Wedge	940093
Socket Connection Kit	409663



AvalonK2^{VAC}



Build Height



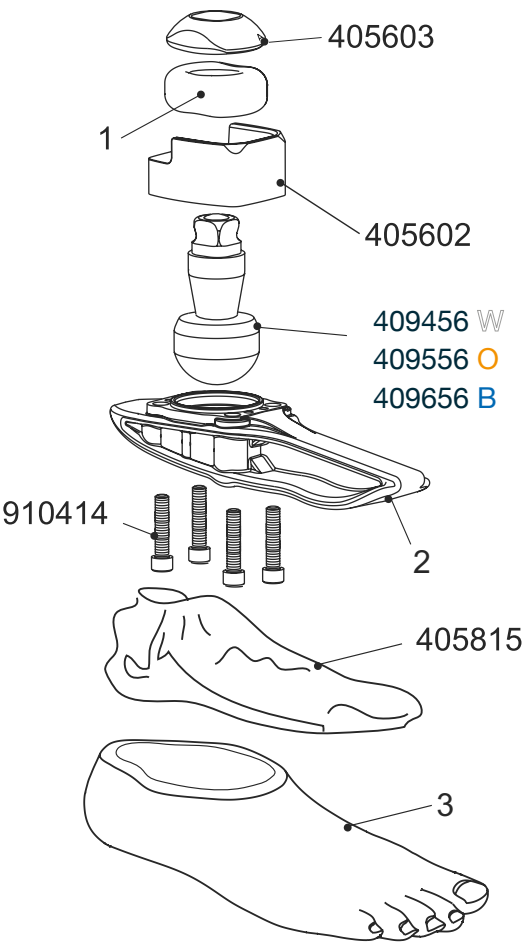
Build part numbers are for assembly guidance only and may not be for sale separately.

[†]Component weight shown is for a size 26cm without foot shell.



Navigator Schematics

1 Snubber Kits			
60° (white)			
70° (orange)			
80° (blue)			
		405605	
		405606	
		405607	
2 Keel			
Small		405619	
Medium		405719	
Large		405819	
Extra Large		405919	
3 Foot Shell*			
Left	Part Number	Right	Part Number
22L	539020	22R	539021
23L	539022	23R	539023
24L	539024	24R	539025
25L	539026	25R	539027
26L	539028	26R	539029
27L	539030	27R	539031
28L	539032	28R	539033
29L	539034	29R	539035
30L	539036	30R	539037
*For dark tone add suffix D			
Cone tool (for assembly)		940083	
Instructions for use		938247	



Multi-axial foot with flexible keel for comfort and stability.

Features

- Multi-axial flexible keel
- Short keel optimized for K2 gait and transfer
- Integrated ankle joint
- Choice of ankle stiffness
- Sandal toe

Foot Shell and Glide Sock included.

Specifications

Max. User Weight:	125kg
Activity Level:	1-3
Size Range:	22cm-30cm
Component Weight:	350g†
Build Height:	95mm
Heel Height:	10mm

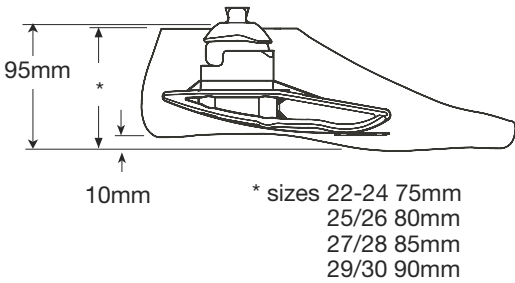


Order Example

Product Code	Size	Side	Ball	Snubber
NAV	25	L	W	O

For dark tone add suffix D. Foot example: Navigator, size 25 left, ball rating white, snubber rating orange.

Build Height



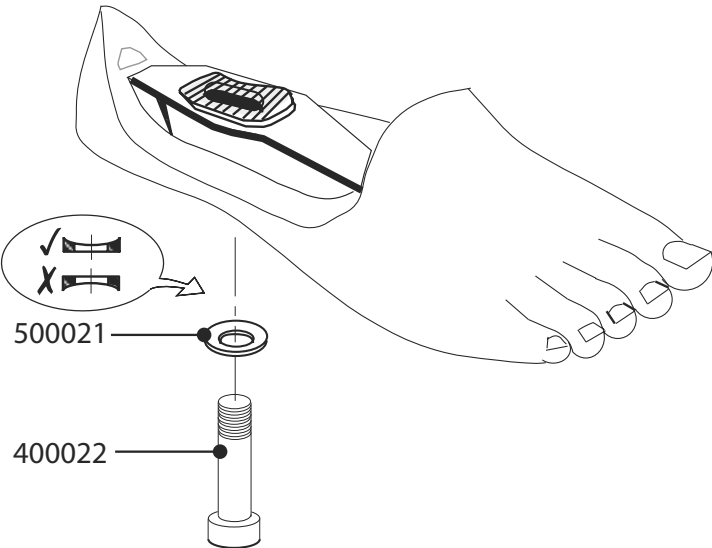
Build part numbers are for assembly guidance only and may not be for sale separately.

Activity	User Weight							kg	lbs
	44-52	53-59	60-68	69-77	78-88	89-100	101-125		
1	WW	WW	WW	WO	OO	OB	BB		
2	WW	WW	WO	OO	OB	BB	BB		
3	WW	WO	OO	OB	BB	BB	BB		

†Component weight shown is for a size 26cm without foot shell.

Navigator

Multiflex Standard Schematics



The Multiflex foot and ankle provides the level 1-2 user with multi-axial motion for comfort and stability.

Multiflex Standard

Features

- Multi-axial function
- Low profile
- Sandal toe

Specifications

Max. User Weight:	125kg
Activity Level:	1-2
Size Range:	22cm-30cm
Component Weight:	375g†
Build Height:	40mm
Heel Height:	20 ± 15mm

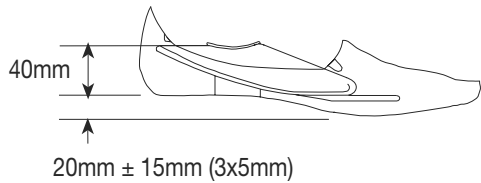
Suitable for outdoor use

Part Numbers

Size	Left	Right
22cm	519119	519120
23cm	519121	519122
24cm	519123	519124
25cm	519125	519126
26cm	519127	519128
27cm	519129	519130
28cm	519131	519132
29cm	519133	519134
30cm	519135	519136



Build Height



Ankle Part Number and Description	Snubber Part Number and Description	Max. User Weight/ Activity Level	Build Height	Material	Weight
379342 Multiflex ankle W 30mm 379343 Multiflex ankle O 30mm 379344 Multiflex ankle B 30mm	409007 - snubber W 60° 409008 - snubber O 70° 409009 - snubber B 80°	125kg / 1-2	60mm	Aluminium	201g
409353 Pyramid Multiflex W 409354 Pyramid Multiflex O 409355 Pyramid Multiflex B	409007 - snubber W 60° 409008 - snubber O 70° 409009 - snubber B 80°	125kg / 1-2	58mm	Aluminium & Stainless Steel	199g

Light duty snubber kits are available:
409002 Light duty snubber W 60°
409003 Light duty snubber O 70°
409004 Light duty snubber B 80°

Ankle and snubber selection

				Ankle
				Snubber
60kg	80kg	100kg	125kg	

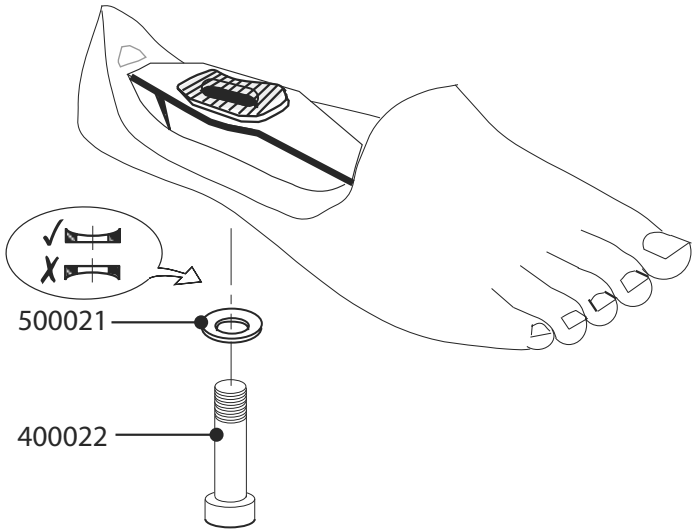
Snubber for standard ankle:

Build part numbers are for assembly guidance only and may not be for sale separately.

Multiflex ankle and snubber selection.		Max. User Weight				
Activity		60	80	100	125	kg
		131	176	220	275	lbs
1-2		WW	WO	OO	BB	Ball and snubber

†Component weight shown is for a size 26cm.

Multiflex Slim Schematics



Instructions for use 938016

Cosmesis options refer to page 118.

The Multiflex foot and ankle in a slimmer width.
Additional heel height capacity allows for a higher heel.

Multiflex Slim

Features

- Multi-axial function
- Low profile
- Sandal toe

Specifications

Max. User Weight:	125kg
Activity Level:	1-2
Size Range:	22cm-25cm
Component Weight:	375g [†]
Build Height:	40mm
Heel Height:	25 ± 15mm

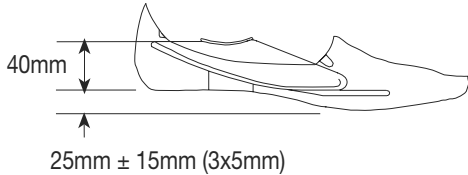


Part Numbers

Size	Left	Right
22cm	519141	519142
23cm	519143	519144
24cm	519145	519146
25cm	519147	519148



Build Height



Ankle Part Number and Description	Snubber Part Number and Description	Max. User Weight/ Activity Level	Build Height	Material	Weight
379342 Multiflex ankle W 30mm 379343 Multiflex ankle O 30mm 379344 Multiflex ankle B 30mm	409007 - snubber W 60° 409008 - snubber O 70° 409009 - snubber B 80°	125kg / 1-2	60mm	Aluminium	201g
409353 Pyramid Multiflex W 409354 Pyramid Multiflex O 409355 Pyramid Multiflex B	409007 - snubber W 60° 409008 - snubber O 70° 409009 - snubber B 80°	125kg / 1-2	58mm	Aluminium & Stainless Steel	199g

Light duty snubber kits are available:

- 409002 Light duty snubber W 60°
- 409003 Light duty snubber O 70°
- 409004 Light duty snubber B 80°

Ankle and snubber selection

60kg	80kg	100kg	125kg	Ankle
60kg	80kg	100kg	125kg	Snubber

Snubber for standard ankle:



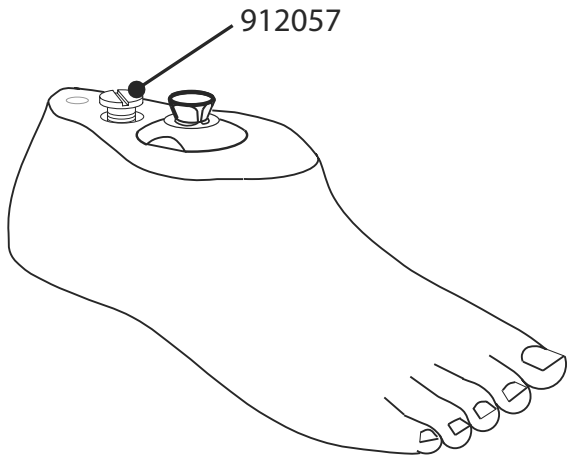
Multiflex ankle and snubber selection.

Activity	Max. User Weight				
	60	80	100	125	kg
	131	176	220	275	lbs
1-2	WW	WO	OO	BB	Ball and snubber

[†]Component weight shown is for a size 25cm.

Build part numbers are for assembly guidance only and may not be for sale separately.

SuperSACH Schematics



Instructions for use 938086

A cushioned foot with flexible keel and adjustable heel cushion for level 1-2 users.

SuperSACH

Features

- Adjustable heel cushion
- Sandal toe
- Integrated pyramid

Specifications

Max. User Weight:	125kg
Activity Level:	1-2
Size Range:	22cm-28cm
Component Weight:	449g [†]
Build Height:	70mm size 22-24 75mm size 25-26 80mm size 27-28
Heel Height:	19mm

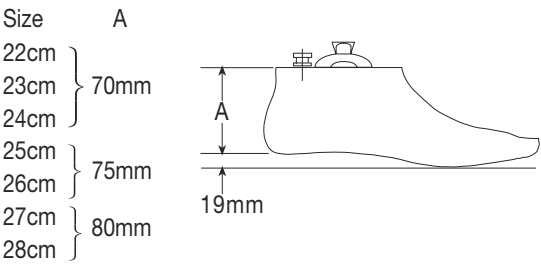


Suitable for submersion

Part Numbers

Size	Left	Right
22cm	P529101	P529102
23cm	P529103	P529104
24cm	P529105	P529106
25cm	P529107	P529108
26cm	P529109	P529110
27cm	P529111	P529112
28cm	P529113	P529114

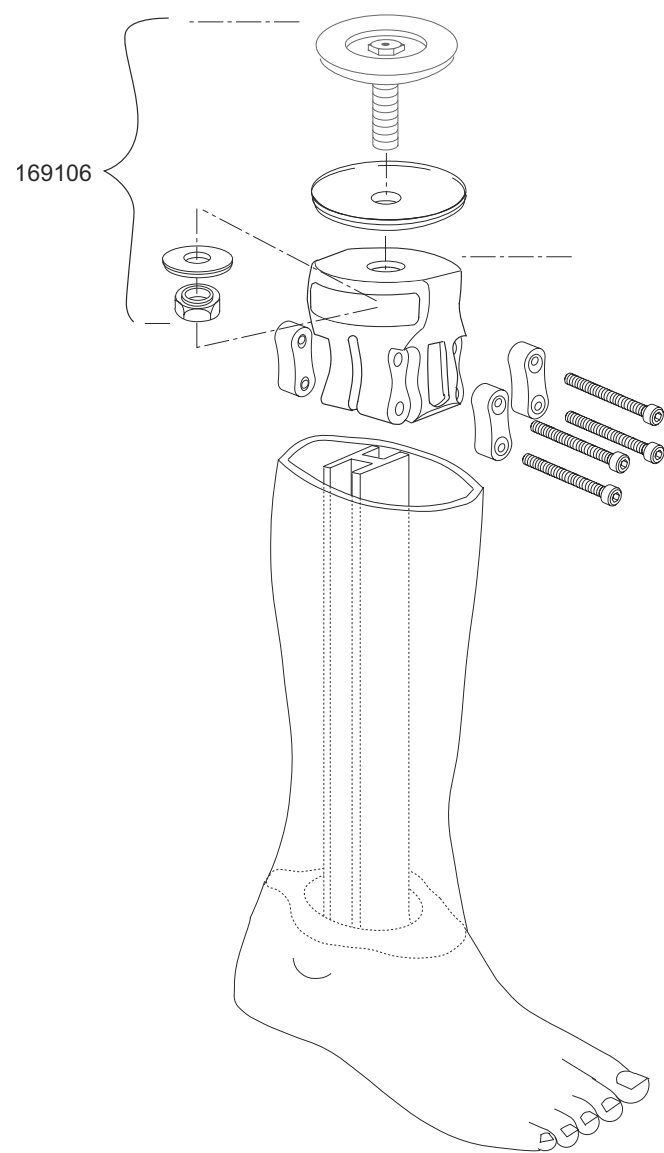
Build Height



Build part numbers are for assembly guidance only and may not be for sale separately.

[†]Component weight shown is for a size 26cm.

Aqualimb^{TT} Schematics



Moulded BK Alignment Kit **169106**
Instructions for use **938255**

A waterproof prosthesis with integral shin and cosmesis.
For use in the shower and wet environments.

Features

- Integral shin and cosmesis
- Rapid assembly
- Full alignment device included
- Anti-slip tread pattern on sole

Specifications

Max. User Weight:	100kg
Activity Level:	1-2
Size Range:	22cm-27cm
Component Weight:	1.39kg [†]
Build Height:	280 to 415mm
Heel Height:	5mm



Suitable for submersion

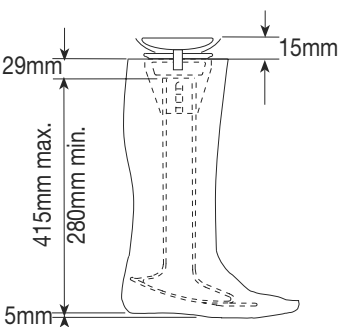
Part Numbers

Size	Left	Right
22cm	629705L	629706L
23cm	629707L	629708L
24cm	629709L	629710L
25cm	629711L	629712L
26cm	629713L	629714L
27cm	629715L	629716L

Aqualimb^{TT}



Build Height



Build part numbers are for assembly guidance only and may not be for sale separately.

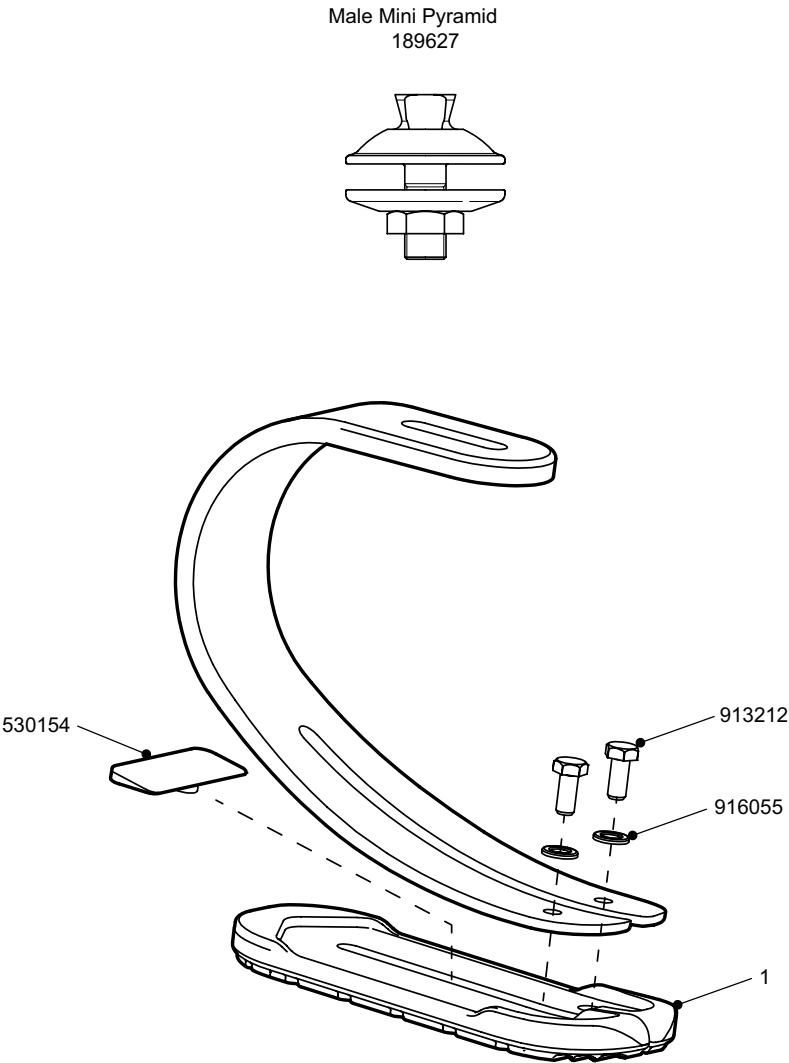
[†]Component weight shown is for a size 26cm.



Junior



Mini Blade^{XT} Schematics



1 MBXT Heel Spring Kits—include the overmoulded cover, screws, washers and heel wedge.

Spring Category	Heel Type	Part No.
1	Soft Sports	539084SS
2	Medium Sports	539084MS
3	Firm Sports	539084FS
4	Extra Firm	539084 EFS

Adapters	Part No.
Male Mini Pyramid (supplied with foot)	189627

Female Mini Pyramid 25mm Tube Clamp Adapter	189526
---------------------------------------------	--------



Female Mini Pyramid 30mm Tube Clamp Adapter	189727
---------------------------------------------	--------

MBXT Adapter Kit (M30 threaded short adapter kit for minimum build height)	189826
----------------------------------------------------------------------------	--------

Instructions For Use	938371
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Build part numbers are for assembly guidance only and may not be for sale separately.

A versatile paediatric blade suitable for a range of activities.

Features

- Twin toe and heel springs
- Split toe design
- Traction sole
- Heel stiffness wedge
- Waterproof
- Field replaceable heel spring kit
- Male mini pyramid with 30mm shift and rotation

Specifications

User Weight:	20-60kg
Amputation Level:	All
Activity Level:	3-4
Spring Range:	1-3
Component Weight:	450g (including male mini pyramid)
Build Height:	168mm
Colour Options:	Dazzling Pink (P) or Electric Blue (B)

Suitable for submersion

Order Example

Product Code	Colour	Spring Set	
MBXTA	B	3	SM

Foot example: Mini BladeXT, Colour Blue, Spring Set 3.

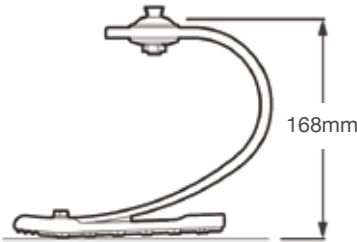
Product Code	Colour	Spring Set	
MBXTA	P	1	SM

Foot example: Mini BladeXT, Colour Pink, Spring Set 1.

Mini Blade^{XT}



Build Height



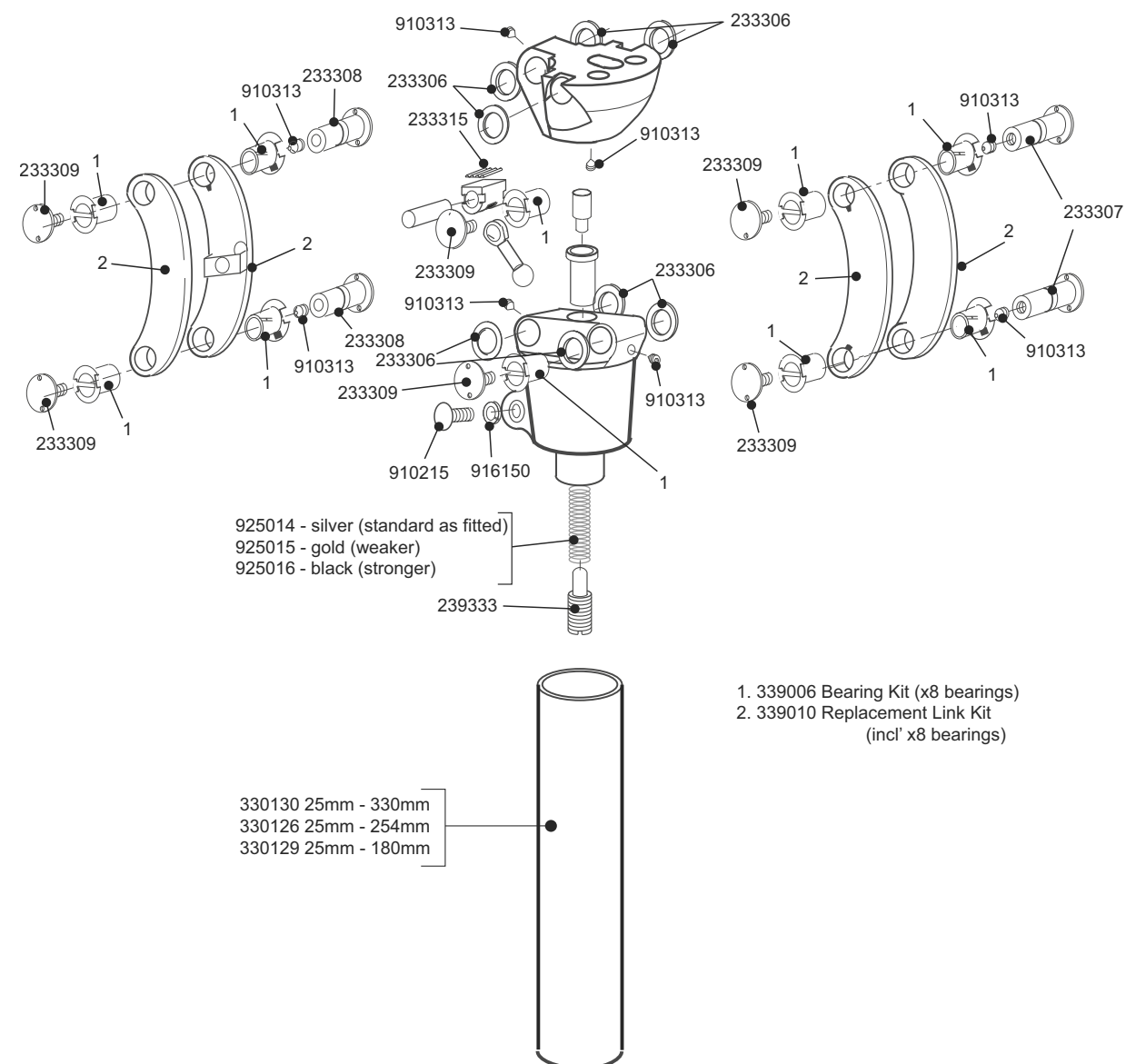
Activity	User Weight			Toe and Heel Spring Set
	20-35 44-77	36-50 78-110	51-60 111-132	
	kg	kg	lbs	
3-4	1 Soft	2 Medium	3 Firm	

4
3

Child's 4-Bar Knee Schematics

TT system

019245



Instructions for use

Knee 938017

Knee with tube	938103
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Build part numbers are for assembly guidance only and may not be for sale separately.

A durable and lightweight polycentric knee designed for active children.

Features

- Polycentric knee for stance stability
- Adjustable extension assist spring
- Wide range of alignment
- Low build height

Specifications

Max. User Weight:	60kg
Activity Level:	1-4
Component Weight:	335g
Build Height:	105mm



Part Number

Child's 4-bar Knee with 330mm tube 019245

Child's 4-bar Knee without tube 239133

Adapters

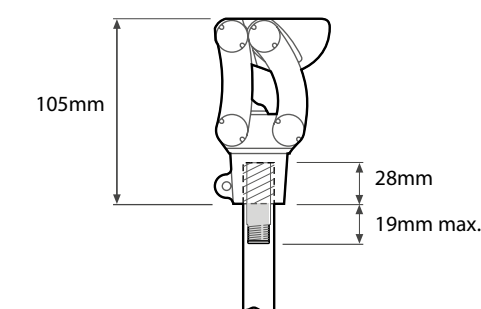
Child's TF Alignment Kit	189226
Lamination Socket Alignment Kit	189126
M30 Childs Adapter Kit	189726
Female Mini Pyramid Pylon Kit 25mm	409099



Child's 4-Bar Knee



Fitting Length



43

Junior

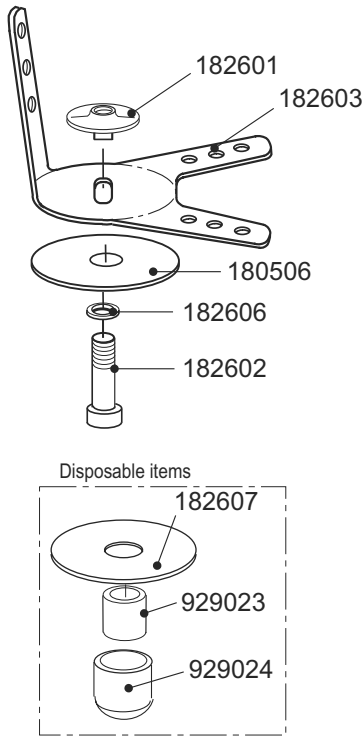
Number	Description	Part Number	Build height	Weight	Max. User Weight. /Activity Level
1	Child's socket attachment plate for lamination	189126	10mm	125g	60kg/1-4
2	Child's TF alignment kit-Blatchford full alignment	189226	16mm	64g	60kg/1-4
3	M30 Child's Adapter for 4 Bar Knee	189726	12mm	55g	60kg/1-4
4	M30 4 Prong Laminate Adapter	189626	10mm	100g	60kg/1-4
5	Female Mini Pyramid Pylon	409099	TT-50mm to 80mm TF-60mm to 80mm	96g	60kg/1-4
6	Female Mini Pyramid 25mm Tube Clamp Adapter	189526	12mm	75g	60kg/1-4
7	Female Mini Pyramid 30mm Tube Clamp Adapter	189727	12mm	75g	60kg/1-4
8	25mm Carbon Fibre Pylon	330129	180mm	56g	60kg/1-4
9	25mm Carbon Fibre Pylon	330126	253mm	81g	60kg/1-4
10	25mm Carbon Fibre Pylon	330130	330mm	109g	60kg/1-4



Please note that products are not shown to relative scale.

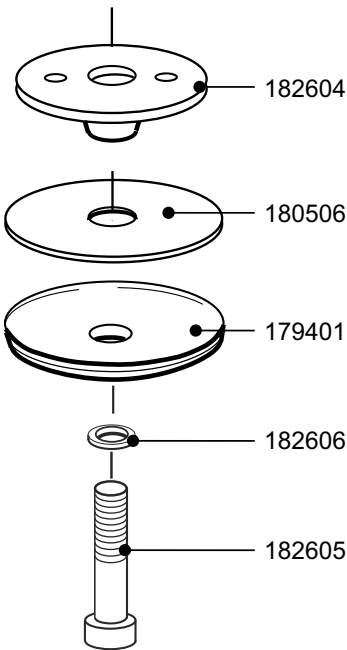
Junior Schematics

1. TF alignment kit 189126



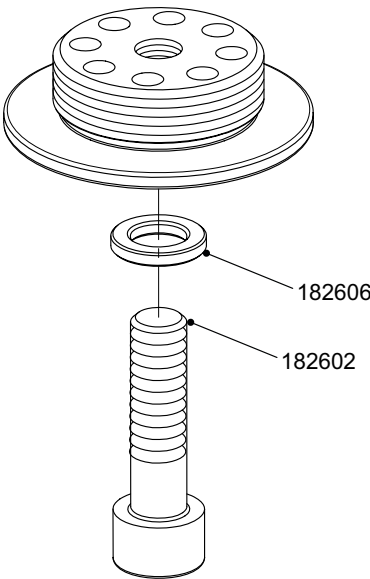
Instructions for use 938112

2. Alignment kit 189226



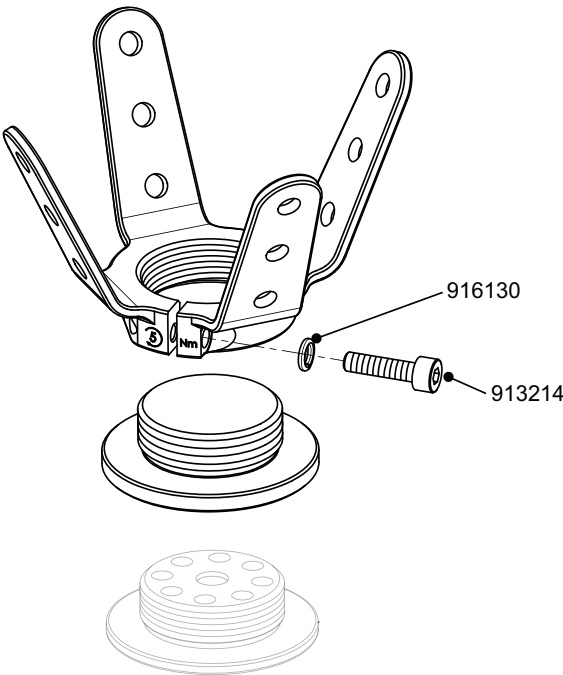
Instructions for use 938109

3. M30 Child's Adapter 189726



Instructions for use 938396

4. M30 4 Prong Laminate Adapter 189626



Instructions for use 938395

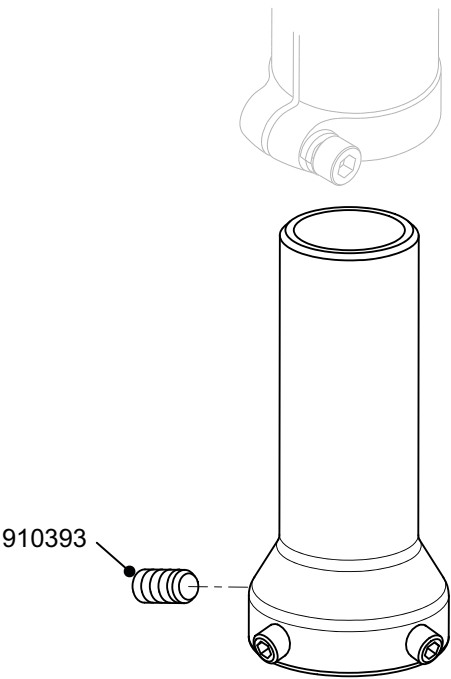
Build part numbers are for assembly guidance only and may not be for sale separately.



Junior Schematics

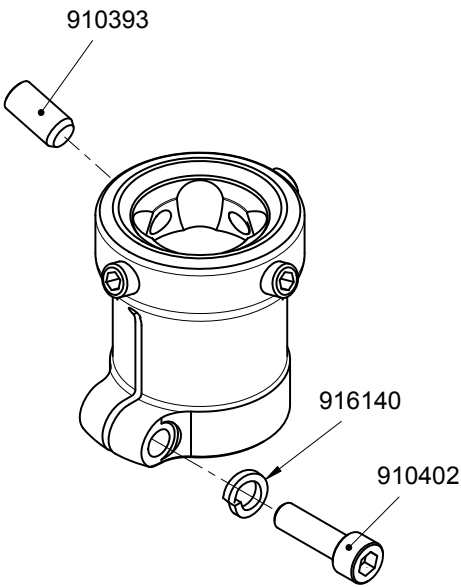
Junior

5. Female Mini Pyramid Pylon 25mm 409099



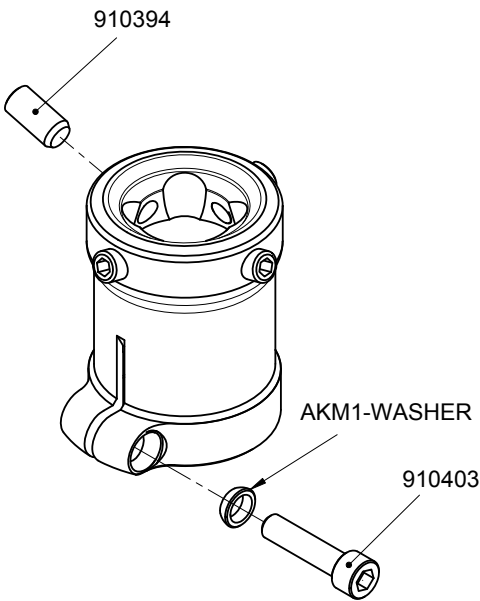
Instructions for use 938394

6. Female Mini Pyramid 25mm Tube Clamp Adapter 189526



Instructions for use 938373

7. Female Mini Pyramid 30mm Tube Clamp Adapter 189727

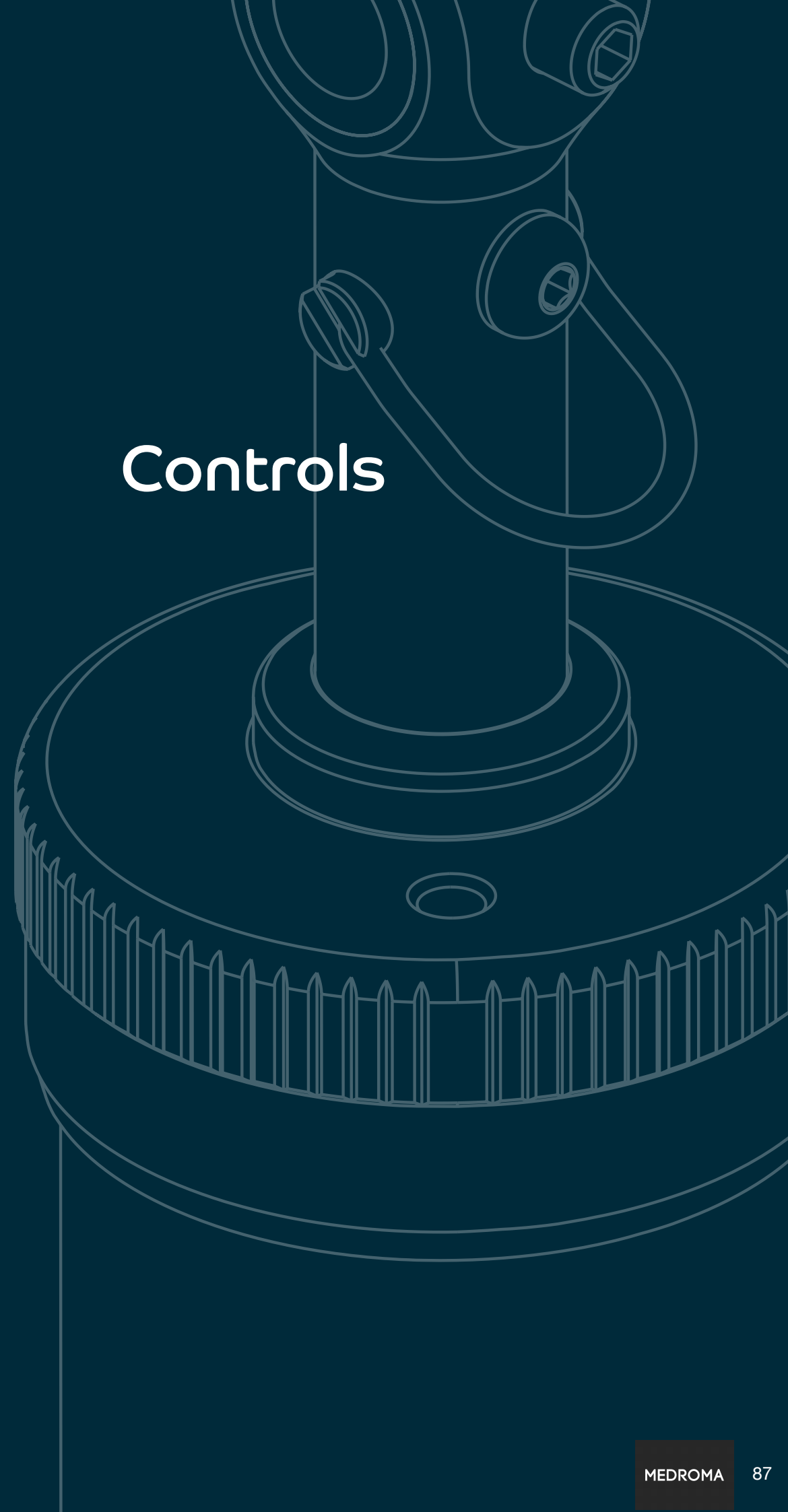


Instructions for use 938373

Build part numbers are for assembly guidance only and may not be for sale separately.



Controls



Controls



Blatchford Hydraulic Cylinders

New and Service Exchange Units

S/Ex*	Description	Trunnion Ø
932283	Swing and Stance Cylinder for KX06 [^]	8mm
932286	Swing and Stance cylinder for Mercury Knee	10mm



*Supplied for in-warranty cylinders only. Cylinder serial number will be required.
[^]Only compatible with the earlier versions of KX06, not KX06v2. Contact Customer Service if you need more information.

Blatchford Microprocessor Control Cylinders

New and Service Exchange Units

New	S/Ex*	Description	Trunnion Ø
239629	259902	Swing Cylinder for SmartIP	6mm



*Supplied for in-warranty cylinders only. Cylinder serial number will be required.

Control Kits



Kit: 019758

Fitting Kit for Mercury Knee 239031

- Description**
Pivot Pin Upper
Thrust Washer x2off
Lower Pivot x2off
Thrust Washer (0.6) x2off
Thrust Washer (0.5) x2off

Control fitting kits for ESK+ and ESK/MKL shin modules

Fitting Kit for Smart IP 019668

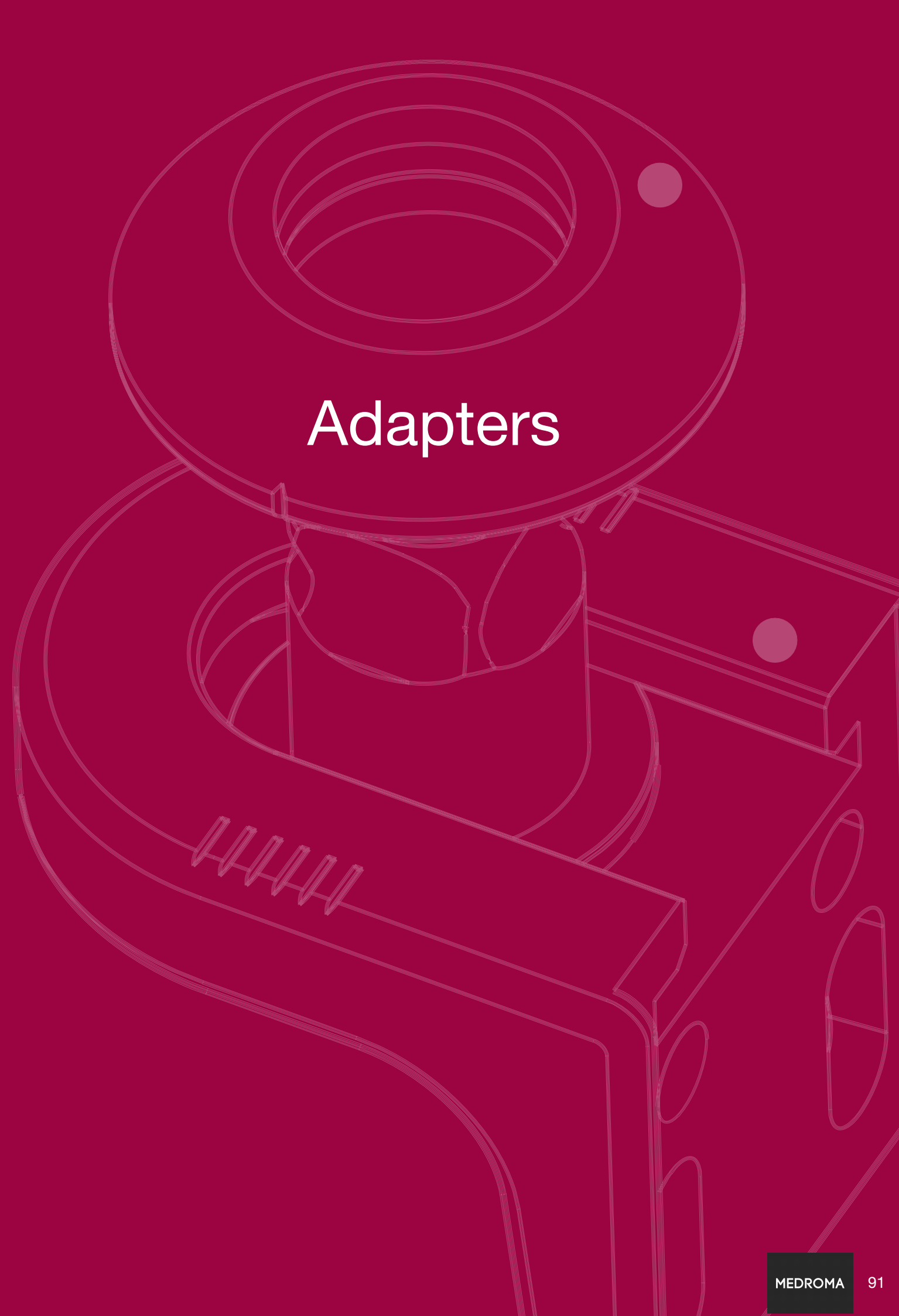
- Description**
Nut
Bolt
Thrust washer, 2 off
Lower pivot, 2 off
Thrust washer, 2 off

Fitting Kit for PSPC 019758

- Description**
Nut
Bolt
Thrust washer, 2 off
Lower pivot, 2 off
Thrust washer, 2 off
Assistor spring
Trunnion



Adapters



Number	Description	Part Number	Build height	Material	Weight	Max. User wt. /Activity Level
1	TT lamination anchor	P189410S	17mm (35mm)	St. Steel	85g	125kg / 1-3 100kg / 1-4
2	TT lamination anchor	P189410	17mm (35mm)	Aluminium	75g	125kg / 1-3 100kg / 1-4
3	Pyramid male 4-bolt	P189310	8mm (15mm)	St. Steel	68g	150kg / 1-3 145kg / 1-4
4	Pyramid male - sliding/rotating	EP-MSR	14mm (27mm)	Titanium	140g	150kg / 1-3
5	Pyramid female - sliding /rotating	EP-FSR	33mm (33mm)	Titanium	150g	150kg / 1-3
6	Pyramid male 4-bolt - sliding & rotating	169407	15mm	Aluminium/ Titanium	125g	150kg / 1-3 145kg / 1-4
7	Pyramid male - sliding & rotating Non-rotating male pyramid adapter	239017 239089	7mm (22mm) 7mm (22mm)	Alum/Titanium Alum/Titanium	50g 50g	166kg / 4 166kg / 4
8	Pyramid male - Blatchford dome	P189610	23mm	Aluminium/ St. Steel	155g	125kg / 1-3 100kg / 1-4
9	Pyramid female - Blatchford dome	P409049 (large) P409050 (small)	45mm 45mm	Aluminium/ St. Steel	209g	150kg / 1-3 145kg / 1-4
10	Pyramid male - Blatchford knee chassis	189127	5mm (25mm)	Aluminium/ St. Steel	103g	125kg / 1-3 100kg / 1-4
11	Pyramid female short - Blatchford knee chassis	409041	10mm (25mm)	Aluminium/ Titanium	110g	125kg / 1-3 100kg / 1-4
12	Full alignment kit TT - Blatchford dome	189906 (standard)	20mm	Aluminium/ Titanium	122g	125kg / 1-3 100kg / 1-4
13	Full alignment kit TF - Blatchford dome	189806 (standard) 189805 189807	20mm 10mm 30mm	Aluminium Aluminium Aluminium	183g 61g 93g	125kg / 1-3 100kg / 1-4
14	Min. Build Height Kit - 4-bolt ESK+, Mercury and KX06V2	239032	20mm	Aluminium	170g	125kg / 1-3 100kg / 1-4
15	M36 Adapter	239092	14mm	Alum/St. Steel		125kg / 1-3 100kg / 1-4
16	Pyramid female - sliding & rotating	189128	28mm	Alum/Titanium	114g	166kg / 4
17	Cup & Strut kit TF - full alignment 10mm, 115mm dia cup	189118	25mm	Aluminum	528g	100kg / 1-4
18	Cup & Strut kit TF - Blatchford Dome 115mm dia cup	189218	20mm	Aluminum	418kg	125kg / 1-3 100kg / 1-4

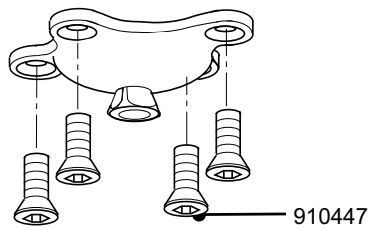
Adapters



Adapters Schematics

3. Pyramid 4-bolt

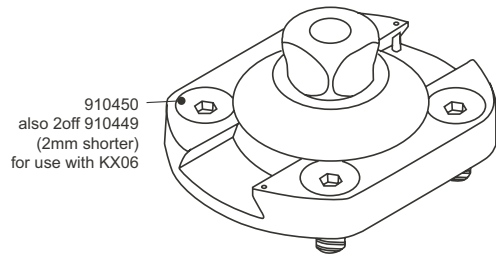
P189310



Instructions for use 938282

4. TF Pyramid Male Sliding/Rotating

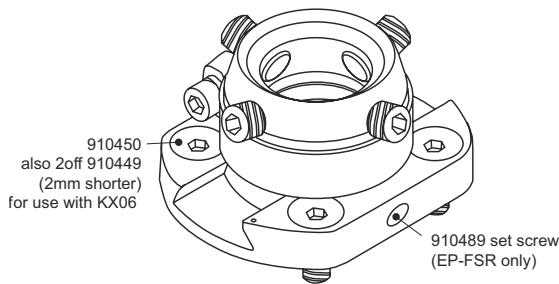
EP-MSR



Instructions for use EP-MSR 938244

5. TF Pyramid Female Sliding/Rotating

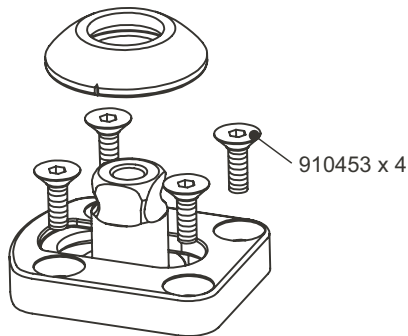
EP-FSR



Instructions for use EP-FSR 938240

6. Pyramid male 4-bolt, sliding & rotating

169407



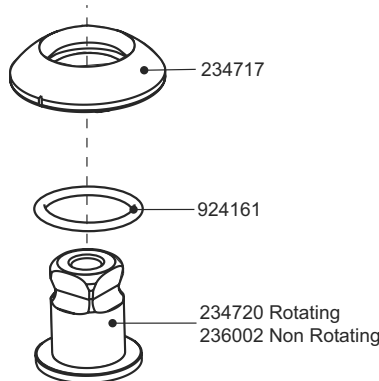
Instructions for use 938310

7. Pyramid Male Sliding Rotating

Non Rotating

239017

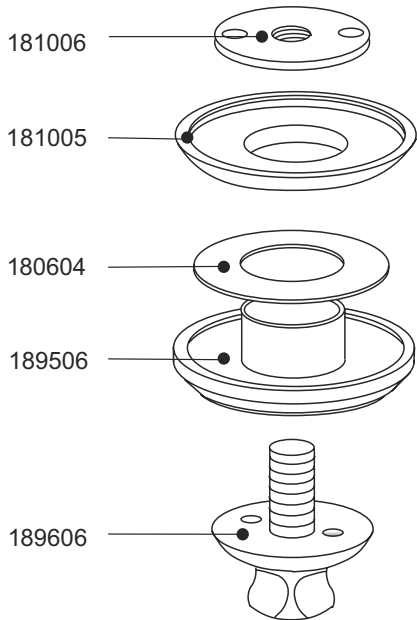
239089



Instructions for use 938179

8. TT Pyramid Alignment

P189610



Instructions for use 938110

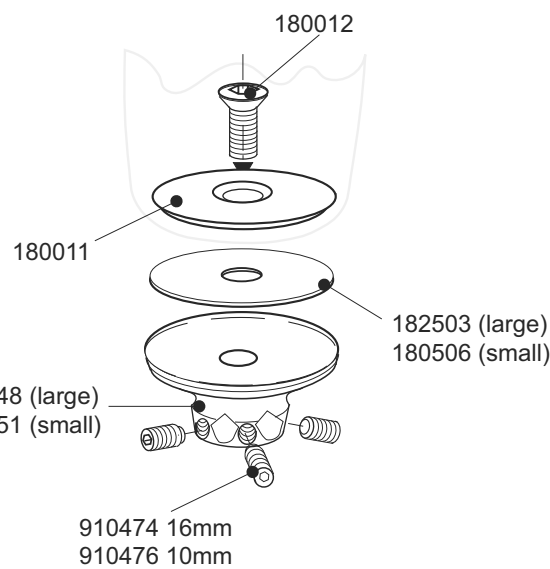
9. Female pyramid adapter:

Large

Small

P409049

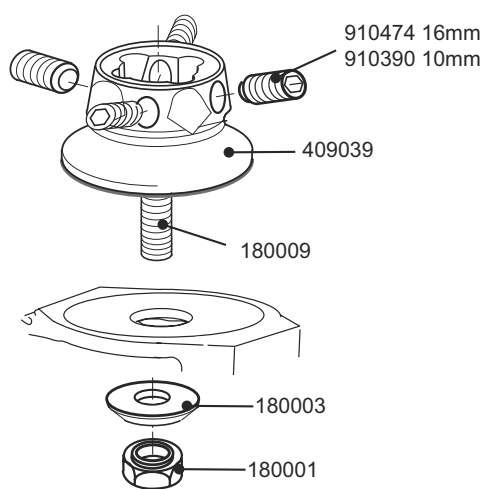
P409050



Instructions for use 938090

11. Pyramid shift adapter S

409041

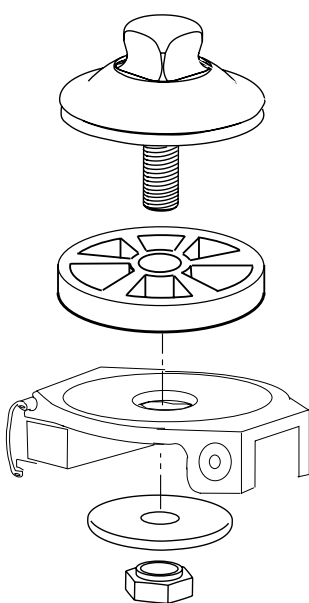


Instructions for use 938050

10. Full align. pyramid

Standard

189127

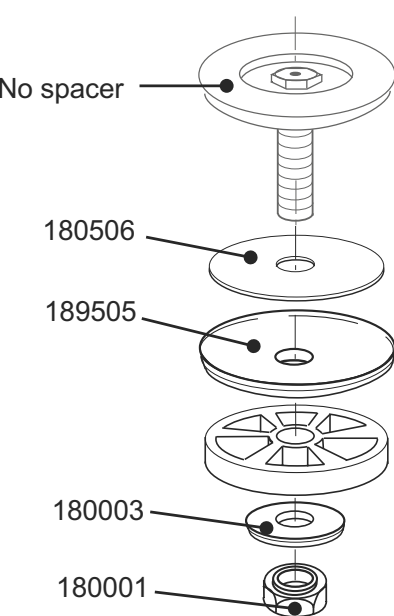


Instructions for use 938164

12. TT alignment kit

Standard

189906

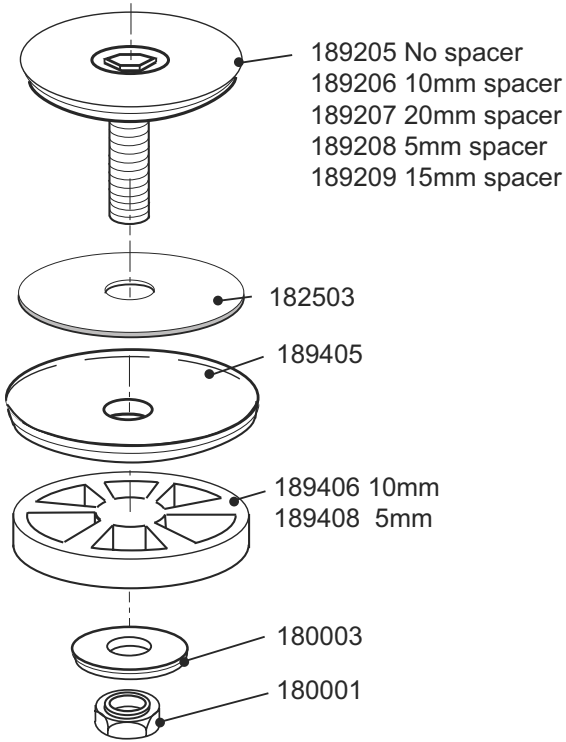


Build part numbers are for assembly guidance only and may not be for sale separately.

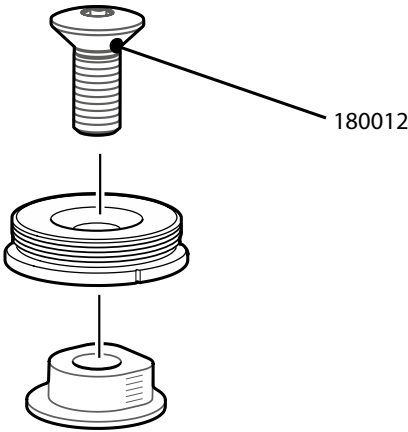
Build part numbers are for assembly guidance only and may not be for sale separately.

Adapters Schematics

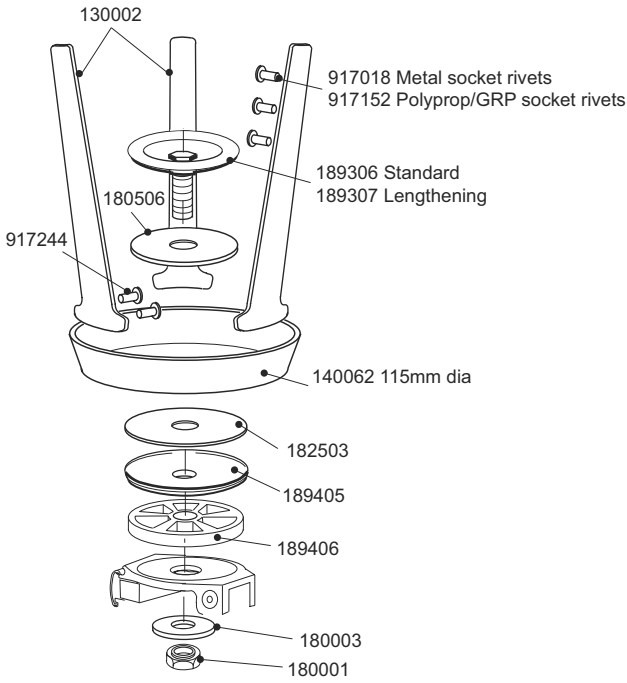
13. TF alignment kit
standard 189806
shortening (10) 189805
lengthening (10) 189807



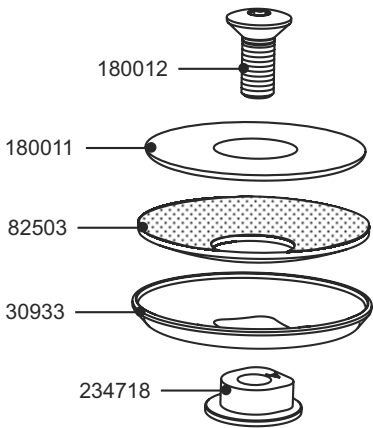
15. M36 Adapter 239092



17. Cup & Strut kit TF - full alignment
115mm 189118

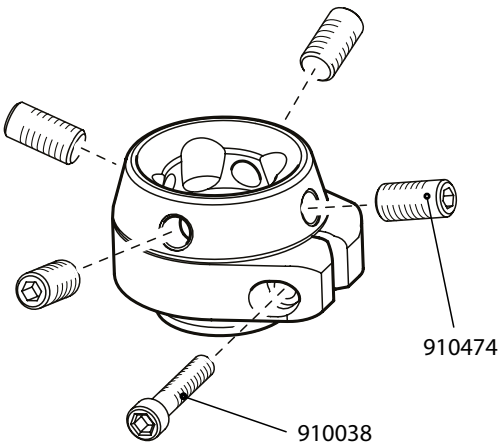


14. Alignment kit 239032



Instructions for use 938265

16. Pyramid female - sliding & rotating 189128



Build part numbers are for assembly guidance only and may not be for sale separately.

Build part numbers are for assembly guidance only and may not be for sale separately.

Number	Description	Part Number	Build height	Material	Weight	Max. User wt. /Activity Level
1	Tube clamp adapter pyramid female 30mm	AK30M1	15mm (51mm)	Titanium	92g	150kg / 1-3 145kg / 1-4
2	Blade top housing TT male - sliding & rotating	539601	7mm	Aluminium/ Titanium	165g	166kg / 1-3 130kg / 1-4
3	Blade top housing TT female - sliding & rotating	539602	28mm	Aluminium/ Titanium	240g	166kg / 1-3 130kg / 1-4
4	Pylon adapter pyramid female - 200mm long	739052	15mm (51mm + tube)	Aluminium	213g	125kg / 1-3 100kg / 1-4
	- 400mm long	739053	15mm (51mm + tube)	Aluminium	362g	125kg / 1-3 100kg / 1-4
	- 500mm long	739054	15mm (51mm + tube)	Aluminium	420g	125kg / 1-3 100kg / 1-4
5	High strength tube adapter single 30mm	239030	15mm (51mm + tube)	Titanium/ Carbon Fibre	272g	150kg / 1-3 145kg / 1-4
	High strength tube adapter double 30mm	239029	40mm + tube (250 max)	Titanium/ Carbon Fibre	364g	150kg / 1-3 145kg / 1-4
6	Pylon adapter pyramid female 30mm- low profile	409053	60mm min, 90mm max	Aluminium	97g	125kg / 1-3 100kg / 1-4
7	Pylon 30mm	330120	250mm max	Carbon Fibre	100g	100kg / 1-3 100kg / 1-4
	Pylon 30mm	330132	508mm max	Carbon Fibre	206g	100kg / 1-4
	High strength pylon 30mm	330146	250mm max	Carbon Fibre	180g	150kg / 1-3 145kg / 1-4
	Pylon 30mm/500mm	903220/500	500mm max	Aluminium	360g	125kg / 1-3 100kg / 1-4
	Pylon 30mm/400mm	903220/400	400mm max	Aluminium	285g	125kg / 1-3 100kg / 1-4
	Pylon 30mm/200mm	903220/200	200mm max	Aluminium	150g	125kg / 1-3 100kg / 1-4
8	Pylon adapter 30mm - full alignment	019231	95mm (280mm)	Aluminium/ Carbon Fibre	348g	100kg / 1-3
9	Pylon adapter full alignment female 30mm- low profile	339240	43mm (95mm)	Aluminium	185g	125kg / 1-3 100kg / 1-4
10	Top housing TT 30mm - full alignment	339008	25mm (59mm)	Aluminium	142g	100kg / 1-3
11	Ankle disarticulation kit - Blatchford dome*	399101	20mm	Aluminium/ St. Steel	141g	125kg / 1-3 100kg / 1-4
12	Multiflex Ankle/Seattle Lightfoot connector	409012	4.5mm	St. Steel	102g	125kg / 1-3 100kg / 1-4
13	Multiflex TT Kit	TTKIT3060L22 - TTKIT3080R30				

Tubes and Adapters



*for Seattle Lightfoot.

Adapters Schematics

1. Pyramid clamp 30mm

AKM1

Instructions for use

938252

2. Blade and Javelin top Housing TT male

539601

Instructions for use

938307 & 938179

3. Blade and Javelin top Housing TT female

539602

Instructions for use

938307 & 938313

4. Bonded Pyramid Adapter - 30mm tube

200mm 739052
400mm 739053
500mm 739054

Instructions for use

938228

5. High Strength Shin Kit

30mm tube single pyramid 239030
30mm tube double pyramid 239029

Instructions for use:

30mm, tube clamp 938252
tube 938253

6. Pyramid pylon 30mm

409053

Instructions for use

938227

Build part numbers are for assembly guidance only and may not be for sale separately.

Adapters Schematics

8. Pylon Adapter - 30mm

019231

Instructions for use

934393

9. Long stump adapter 30mm dia

339240

Instructions for use

938069

10. Top housing for TT - 30mm

339008

Instructions for use

938054

11. Ankle disartic. kit

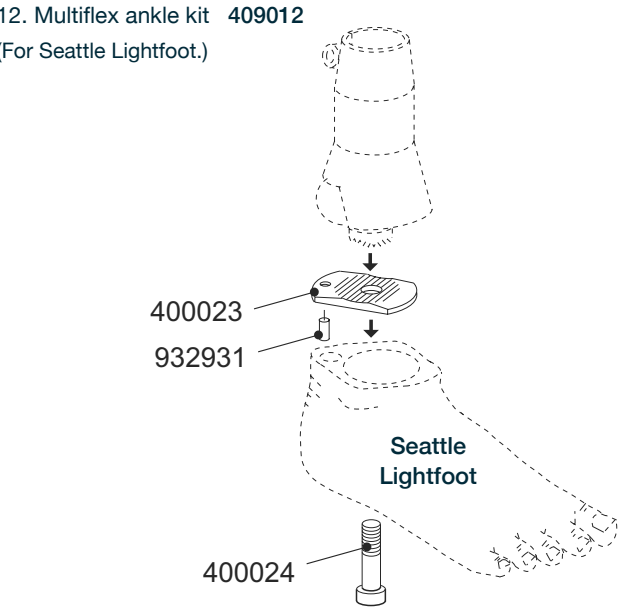
399101
(For Seattle Lightfoot.)

Instructions for use

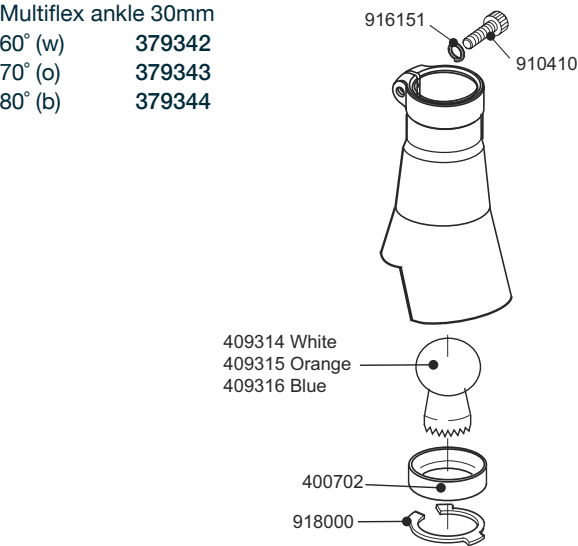
934349

Build part numbers are for assembly guidance only and may not be for sale separately.

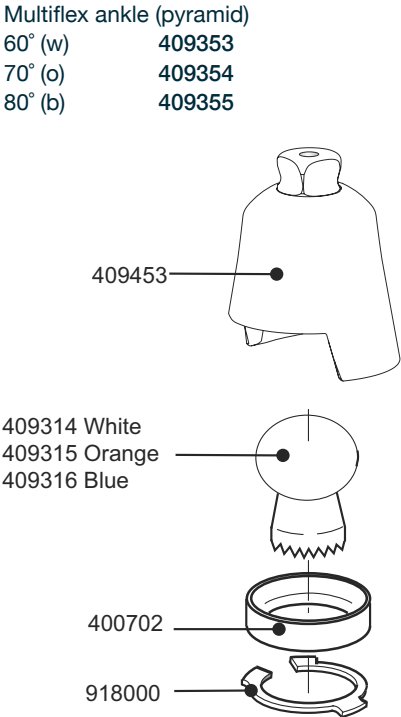
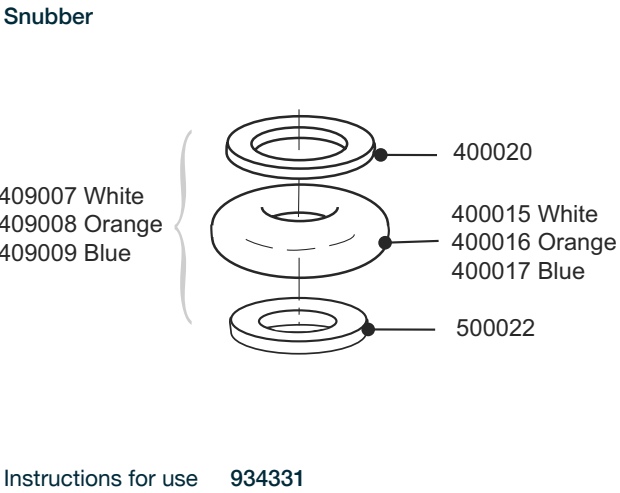
Multiflex Ankle Schematics



Instructions for use 934339



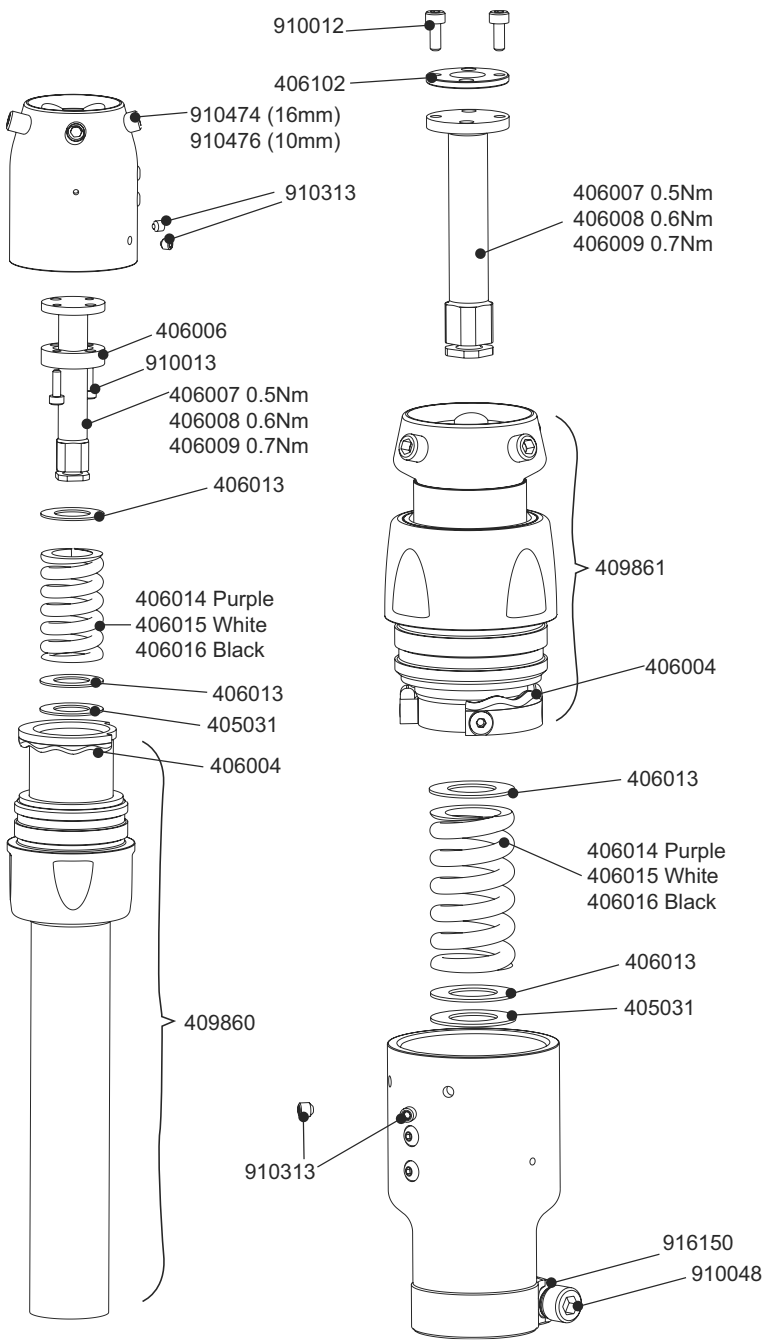
Instructions for use 938224



Instructions for use 938225

Build part numbers are for assembly guidance only and may not be for sale separately.

TTPro Schematics



Instructions for use 938416

TT Pro Kits

- | | |
|-------------------|--------------|
| Spring Kit Purple | TTP S-P Kit |
| Spring Kit White | TTP S-W Kit |
| Spring Kit Black | TTP S-B Kit |
| Torsion Kit 0.5Nm | TTP 0.5 TKit |
| Torsion Kit 0.6Nm | TTP 0.6 TKit |
| Torsion Kit 0.7Nm | TTP 0.7 TKit |

Ancillary component designed to cushion shock and shear forces caused by vertical and rotational movement. Ideal for sports and activities such as golf, tennis and hiking.

TTPro

Specifications

- Max. User Weight/Impact Level: 100kg/ 1-4
125kg/ 1-3
- Component Weight: From 317g
- Build Height: 135mm - 260mm (pyr)
145mm (clamp)
- System diameter: 30mm



Pyramid
TTPROPYR

Clamp
TTPRO30

Order Example

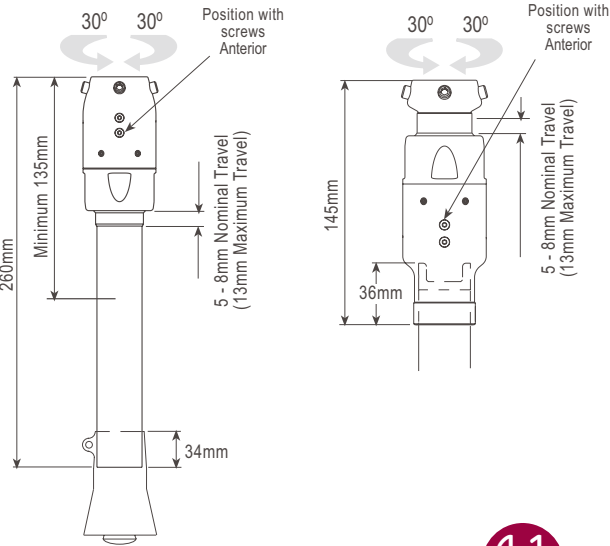
Pyramid			
Product Code	Rod	Spring Set	
TTPRO	PYR	3	B

eg.TTPRO-PYR3B

Clamp			
Product Code	Rod	Spring Set	
TTPRO	30	3	B

eg.TTPRO-30-3B

Build Height



TTPro

Impact Level	User Weight								Rod and Spring Set
	44-52 100-115	53-59 116-130	60-68 131-150	69-77 151-170	78-88 171-195	89-100 196-220	101-116 221-255	117-125 256-275	
Low	1P	2P	2P	2W	2W	3B	3B	3B	
Moderate	2P	2W	3W	3W	3B	3B	3B	3B	
High	3W	3W	3B	3B	3B	3B	-	-	

4 1
3 2

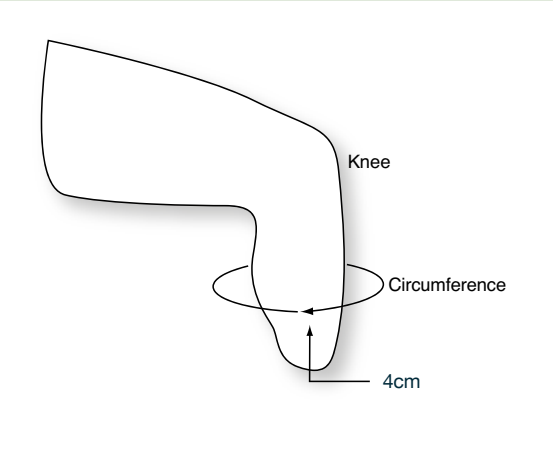


Liners



Guide to Measurements

Liners
How to size, measurements taken 4cm from the distal end, depending on liner brand as shown.



Blatchford Liners for Trans-Tibial Amputees

Blatchford offer two liner technologies:

- **Silcare Breathe:** Liners that are designed to keep skin dry, cool and healthy. This range of liners are designed with perforations to specifically overcome issues with sweat; helping to maintain a dry, comfortable and secure connection.
 - **Silcare:** Liners designed to reduce shear forces within the socket resulting in greater comfort at the skin/liner interface.
- Both ranges are available in:
- Two silicone Durometer levels described as **Walk** or **Active**
 - **Cushion** or **Locking** options

Silcare Breathe Liner Range

Product Range	Technology Description	Description
Silcare Breathe ACTIVE	The patented technology of Silcare Breathe works by letting the air and perspiration that are often trapped between the liner and skin escape through specially designed laser drilled perforations. The air and moisture are then expelled from the socket as the wearer walks. Resulting in drier skin and a healthier environment for the residual limb. This helps to increase comfort and control and reduce the damaging effects of relative motion on damp tissues that is often encountered with standard prosthetic liners.	Blatchford's original liner range using a firmer silicone. Designed to give a firmer interface between the residual limb and the liner, which is suited to more active users .
Silcare Breathe WALK		Utilises a softer silicone designed to provide optimal comfort and control for low to moderately active wearers who have more sensitive and fragile residual limbs.

Silcare Breathe Active (previously Silcare Breathe)

Blatchford's original liner range using a firmer silicone. Suitable for more **active users** i.e. those who have an activity level of 3 or 4

Features

- Firmer silicone for firmer connection between residual limb and liner
- Improvements in residual limb health and wound healing, compared to non-perforated liners
- Improved heat dissipation compared to other temperature regulation solutions
- Removes sweat from skin-liner interface.
- Reduces the need to remove prosthesis throughout the day to dry residual limb, compared to non-perforated liners
- Easy to don
- Seamless bi-directional stretch to improve comfort and contouring. Shear forces on the knee are reduced as it flexes
- Tendresse™ finish provides a lower coefficient of friction than standard silicone, reducing shear stresses on skin
- 6 month warranty

Cushion System – use in conjunction with a one way valve and airtight suspension sleeve helps to generate a better vacuum and more secure fit.

Locking System

- Uni-directional stretch distally resists pistoning whilst bi-directional stretch proximally allows for comfortable knee flexion.
- Locking system and unique one way valve create an airtight seal between the skin and the inner surface of the liner. No separate suspension sleeve is required making knee flexion easier, creating a cooler environment for skin and a more comfortable limb and socket connection.

Part Numbers

	Product Name	Type	User	Type	Shape	Size
Name Breakdown	Silcare Breathe	Active OR Walk	Transtibial	Cushion /Locking	Parallel	Size
Part No	SB	A or W	TT	C or L	P	22-40

Sizing Chart

Measure the circumference of the residual limb 4 cm up from its distal end. If the circumference of the residual limb matches one of the sizes in the table, choose the next size down. If the circumference of the residual limb is between one of the sizes in the table, choose the smaller size.

Silcare Breathe is changing its name to **Silcare Breath Active**. Please note the change to part numbers.

Cushion Range				Locking Range			
Size	Current Part Number	Changing to	New Part Number	Size	Current Part Number	Changing to	New Part Number
22cm	SBTTCP22L	➔	SBATTCP22	22cm	SBTTLP22L	➔	SBATTLP22
23.5cm	SBTTCP23L	➔	SBATTCP23	23.5cm	SBTTLP23L	➔	SBATTLP23
25cm	SBTTCP25L	➔	SBATTCP25	25cm	SBTTLP25L	➔	SBATTLP25
26.5cm	SBTTCP26L	➔	SBATTCP26	26.5cm	SBTTLP26L	➔	SBATTLP26
28cm	SBTTCP28L	➔	SBATTCP28	28cm	SBTTLP28L	➔	SBATTLP28
30cm	SBTTCP30L	➔	SBATTCP30	30cm	SBTTLP30L	➔	SBATTLP30
32cm	SBTTCP32L	➔	SBATTCP32	32cm	SBTTLP32L	➔	SBATTLP32
34cm	SBTTCP34L	➔	SBATTCP34	34cm	SBTTLP34L	➔	SBATTLP34
36cm	SBTTCP36L	➔	SBATTCP36	36cm	SBTTLP36L	➔	SBATTLP36
40cm	SBTTCP40L	➔	SBATTCP40	40cm	SBTTLP40L	➔	SBATTLP40



NEW Silcare Breathe Walk

Silcare Breathe Walk has been made using a softer silicone to improve cushioning especially at the distal end. This range of liners are designed to be more flexible, softer and provide increased comfort. The softer silicone also improves the stretch of the liner. The increased longitudinal stretch makes knee-flexion easier whilst increased circumferential stretch allows the liner to conform more easily and comfortably to the thigh. Available in both Locking and Cushion versions, the Silcare Breathe Walk range benefits the low to moderate wearers and those with more sensitive or fragile residual limb tissue.

Features - Cushion and Locking

- Softer silicone for improved cushioning of the residual limb
- Improvements in residual limb health and wound healing, compared to non-perforated liners
- Improved heat dissipation
- Removes sweat from skin-liner interface.
- Reduces the need to remove prosthesis throughout the day to dry residual limb, compared to non-perforated liners
- Easy to don
- Bi-directional stretch improves comfort and contouring and reduces shear force at the knee during flexion
- Tendresse™ finish provides a lower coefficient of friction than standard silicone, reducing shear stresses on skin

Locking version only:

- Technical knitted outer cover has integrated distal matrix with uni-directional stretch to resist pistoning
- Seamless knitting technology allows a smoother transition between the bi-directional and uni-directional stretch zones
- Flexi-umbrella - inverts easily to facilitate optimal donning

Sizing Chart

Measure the circumference of the residual limb 4 cm up from its distal end. If the circumference of the residual limb matches one of the sizes in the table, choose the next size down. If the circumference of the residual limb is between one of the sizes in the table, choose the smaller size.

New Product Range: Silcare Breathe Walk

Cushion Range		Locking Range	
Size	Part Number	Size	Part Number
22cm	SBWTTCP22	22cm	SBWTTLP22
23.5cm	SBWTTCP23	23.5cm	SBWTTLP23
25cm	SBWTTCP25	25cm	SBWTTLP25
26.5cm	SBWTTCP26	26.5cm	SBWTTLP26
28cm	SBWTTCP28	28cm	SBWTTLP28
30cm	SBWTTCP30	30cm	SBWTTLP30
32cm	SBWTTCP32	32cm	SBWTTLP32
34cm	SBWTTCP34	34cm	SBWTTLP34
36cm	SBWTTCP36	36cm	SBWTTLP36
40cm	SBWTTCP40	40cm	SBWTTLP40



Silcare Breathe Walk Liner - Cushion

Silcare Breathe Walk Liner - Locking

Kits for Silcare Breathe

Valve Kits

- 559015 Silcare Breathe Locking Valve Kit - Liner Sizes - 22, 23, 25
- 559016 Silcare Breathe Locking Valve Kit - Liner Sizes - 26, 28
- 559017 Silcare Breathe Locking Valve Kit - Liner Sizes - 30, 32, 34
- 559018 Silcare Breathe Locking Valve Kit - Liner Sizes - 36, 40

Casting Dummy Kit

- 559019 Silcare Breathe Casting Dummy Kit for Locking - all sizes

Silcare Active

(previously Comfort)

Silcare Active is gentle on fragile skin and is best suited to those with well covered residual limbs. The fabric cover with integrated matrix contours perfectly to the limb and zonal stretch areas allow comfortable knee flexion but resist distal stretch which would result in pistoning.

Features

Cushion version:

- Seamless bi-directional stretch to improve comfort and contouring
- Tendresse™ finish reduces shear stress on the skin
- 6 month warranty

Locking version:

- Pin lock version suitable for a variety of lock and pin types
- Stabilising external matrix with integrated stretch zones
- Tendresse™ finish reduces shear stress on the skin
- 6 month warranty



Silcare Active Liner - Cushion

Silcare Active Liner - Locking

Part Numbers

	Product Name	Type	User	Type	Shape	Size
Name Breakdown	Silcare	Active or Walk	Transtibial	Cushion or Locking	Parallel	Size
Part No	S	A or W	TT	C or L	P	22-40

Sizing Chart

Measure the circumference of the residual limb 4 cm up from its distal end. If the circumference of the residual limb matches one of the sizes in the table, choose the next size down. If the circumference of the residual limb is between one of the sizes in the table, choose the smaller size.

Comfort is changing its name to Silcare Active. Please note the change to part numbers.

Cushion Range				Locking Range			
Size	Current Part Number	Changing to	New Part Number	Size	Current Part Number	Changing to	New Part Number
22cm	CTTCP22L	➔	SATTCP22	22cm	CTTLP22L	➔	SATTLP22
23.5cm	CTTCP23L	➔	SATTCP23	23.5cm	CTTLP23L	➔	SATTLP23
25cm	CTTCP25L	➔	SATTCP25	25cm	CTTLP25L	➔	SATTLP25
26.5cm	CTTCP26L	➔	SATTCP26	26.5cm	CTTLP26L	➔	SATTLP26
28cm	CTTCP28L	➔	SATTCP28	28cm	CTTLP28L	➔	SATTLP28
30cm	CTTCP30L	➔	SATTCP30	30cm	CTTLP30L	➔	SATTLP30
32cm	CTTCP32L	➔	SATTCP32	32cm	CTTLP32L	➔	SATTLP32
34cm	CTTCP34L	➔	SATTCP34	34cm	CTTLP34L	➔	SATTLP34
36cm	CTTCP36L	➔	SATTCP36	36cm	CTTLP36L	➔	SATTLP36
40cm	CTTCP40L	➔	SATTCP40	40cm	CTTLP40L	➔	SATTLP40

NEW Silcare Walk

Silcare Walk liners have been developed using a softer silicone to improve the cushioning especially at the distal end. This range of liners is designed to be more flexible, softer and provide increased comfort. The softer silicone gives less restriction on the limb, making knee flexion easier and enabling the liner to conform easily to the thigh. Available in both Locking and Cushion versions, the Silcare Walk range benefits the low to moderate wearers and those with more sensitive or fragile residual limbs.

Features

- Softer silicone for improved cushioning
- Less restriction on the limb
 - Easier knee flexion (3 x more longitudinal stretch)
 - Conforms easily to thigh (2 x more circumferential stretch)
- Easy to don
- Bi-directional stretch improves comfort and contouring and reduces shear force on the knee during flexion
- Tendresse™ finish provides a lower coefficient of friction than standard silicone, reducing shear stresses on skin

Locking version:

- Technical knitted outer cover has integrated distal matrix with uni-directional stretch to resist pistoning.
- Seamless knitting technology allows a smoother transition between the bi-directional and uni-directional stretch zones.
- Flexi-umbrella - inverts easily to facilitate optimal donning



Silcare Walk Liner - Cushion



Silcare Walk Liner - Locking

Sizing Chart

Measurements taken 4cm from the distal end.

New Product Range: Silcare Walk

Cushion Range		Locking Range	
Size	Part Number	Size	Part Number
22cm	SWTTCP22	22cm	SWTTLP22
23.5cm	SWTTCP23	23.5cm	SWTTLP23
25cm	SWTTCP25	25cm	SWTTLP25
26.5cm	SWTTCP26	26.5cm	SWTTLP26
28cm	SWTTCP28	28cm	SWTTLP28
30cm	SWTTCP30	30cm	SWTTLP30
32cm	SWTTCP32	32cm	SWTTLP32
34cm	SWTTCP34	34cm	SWTTLP34
36cm	SWTTCP36	36cm	SWTTLP36
40cm	SWTTCP40	40cm	SWTTLP40



Cosmesis

Ankle



Ankle cosmesis for Multiflex low profile feet.

Part Numbers

	Left	Right	Size
Low Profile Feet			
Multiflex Foot/	561068	561069	22/23/24
Slim Multiflex	561070	561071	25/26
	561072	561073	27/28
	561074	561075	29/30
Super SACH Foot	P561081	P561081	All Sizes

Universal TT Fairing

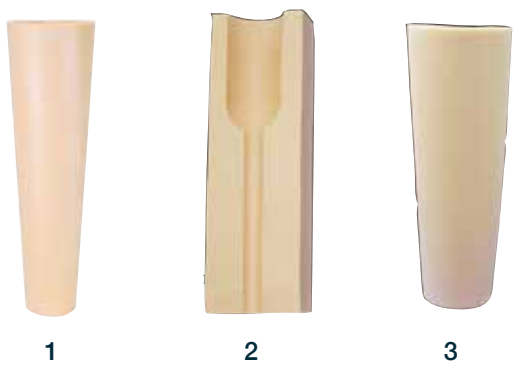


Universal trans-tibial shape cosmesis foam fairing with ankle clearance.

Part Numbers

Fairing Unshaped for 30mm tube	560047
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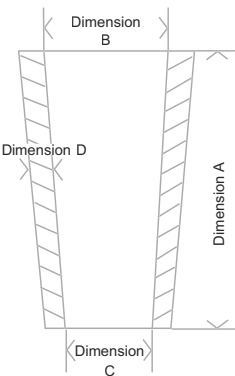
TT



Plastazote cone for trans-tibial cosmesis.

Part Numbers - 1

Dimensions				Number
A	B	C	D	
470	135	85	27	561014
470	155	85	27	561015
470	175	85	27	561012
Universal unshaped, 30/35mm				561077



Part Number - 2

30mm TT 2 step PE foam block	560043
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Part Number - 3

30mm TT 2 step PU foam	560040
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Demountable



Trans-femoral foam for demountable knees.

Part Numbers

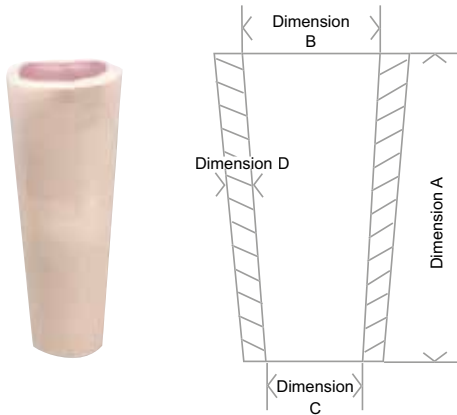
Fairings for Blatchford Knees

Fairing Shaped Small Left (Compatible with ESK+, Smart IP, and Mercury Knee)	561095
Fairing Shaped Small Right (Compatible with ESK+, Smart IP, and Mercury Knee)	561096
Fairing Shaped Large Left (Compatible with ESK+, Smart IP, and Mercury Knee)	561097
Fairing Shaped Large Right (Compatible with ESK+, Smart IP, and Mercury Knee)	561098

Universal Fairings

Internal 55mm bore extends 200mm below knee centre	560031
Internal 55mm bore extends 50mm below knee centre (Compatible with Compact SAKL)	560032
Fairing Universal Unshaped (Compatible with ESK+, Mercury and KX06)	561094
Fairing Universal Unshaped Long (Suitable for through hip or tall patients)	561020

TF Thigh



Plastazote thigh fairing for upper part of discontinuous cosmesis.

Part Numbers

Dimensions				
A	B	C	D	Number
450	175	115	27	561001
450	200	140	27	561004
450	190	140	12	561051
450	150	100	12	561052

Wheelchair



Pre-shaped wheelchair cosmetic. Available in UK only.

Part Number

Pre-shaped cosmetic limb 560030

Durafoam



Durafoam fairing with low resistance knee flexion section to optimise gait changes

Foam fairing with low resistance knee flexion region.

Part Number

Durafoam knee fairing for use with Orion3 and Linx 561093
Detachable cosmetic cover 561101BLACK

TT Fabric



Part Numbers

Size	Foot Size	Colour Code	Light Tone	Medium Tone	Dark Tone
1	22 - 25	Yellow	571251	571253	571252
2	24 - 27	Blue	571261	571263	571262
3	26 - 30	Red	571271	571273	571272

Supplied in packs of two

TF Fabric



Part Numbers

Size	Foot Size	Colour Code	Light Tone	Medium Tone	Dark Tone
1	22 - 25	Yellow	571201	571203	571202
2	24 - 27	Blue	571211	571213	571212
3	26 - 30	Red	571221	571223	571222

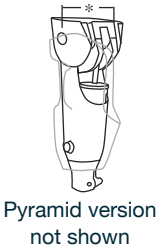
Supplied in packs of two

Mercury Discontinuous



Part Numbers

Description	Dimension Distal	Proximal	Wall Dimension	Parts
Shin Fairing (1)	85 mm	135 mm	27mm	561014
Shin Fairing (1)	85 mm	155 mm	27mm	561015
Shin Fairing (1)	85 mm	175 mm	27mm	561012
Thigh Fairing (2)	115 mm	175 mm	27mm	561001
Thigh Fairing (2)	140 mm	200 mm	27mm	561004
Thigh Fairing (2)	140 mm	190 mm	12mm	561051
Thigh Fairing (2)	100 mm	150 mm	12mm	561052
Shin Sleeve (3)				580048
Knee ball small (4)				572501
Knee ball medium (5)				572502
Support sleeve (6)				572504



Pyramid version not shown

Distal Attachment and Cylinders	Discon Small *100mm no Cylinder	Discon Medium *110mm no Cylinder
30mm Distally	239037	239038
Pyramid Distally	239040	239041
Supplied with knee ball and support sleeve. Shin only - 239752. Knee details on page 23.		

HD Fabric



Part Numbers

Size	Foot Size	Colour Code	Light Tone	Medium Tone	Dark Tone
4	26 - 30	Green	571231	571233	571232

Supplied in packs of two

Stockings



Part Numbers

Unseamed toe, white nylon, 30 denier x 1.25m	909209
Unseamed toe, brown nylon, 30 denier x 1.25m	909212
Supplied individually	

Valves and Accessories



Socket Connection Kit*
409663

*For EchelonVAC and AvalonK2VAC products only

Lyn Valve BK2
929052



Threaded Housing
929053



Vac Barb 90° swivel
929055



One-way check valve
929054



In-line filter
929051



Check Valve Service Kit
409863

*For EchelonVAC and AvalonK2VAC products only

Aria Hybrid Valve
929062



Vacuum tubing 1m length
905464



Lyn Valve® RV Kit - Auto Expulsion
PA0002



Lyn Valve® RV Manual Expulsion - Kit
PA0300



Lyn Valve® RV Slide
PA0400



Aria Valve Plus CA200-AVPM 929074



Valve Block Assembly*
409763
*For EchelonVAC and AvalonK2VAC products only.

Blatchford Socket Lock



- A robust socket lock for silicone and gel liners
- Ratchet operation provides audible feedback for amputee
- Can be laminated or thermoformed into position

Part number:

- 109108 Socket Lock
- 109308 M10 Lock Rod Assembly
- 109408 1/4" UNC Lock Rod Assembly
- BSLKit Blatchford Socket Lock Kit

Blatchford Socket Valves



Part number:

- Trans-femoral Suction Socket Valve Kit:
- 099132 standard 19mm dia. orifice
 - 099134 large 24mm dia. orifice
- Trans-femoral, Flexible Socket Valve Kit:
- 099135 large 24mm dia. orifice

Warranty Listing

Integrated Limb System	
Linx	36 months*
Knees	
Orion3	36 months*
SmartIP – all variants, brake band 12 months only	24 months
KX06	36 months
Mercury – all variants	36 months
ESK+ - all variants, brake band 12 months only	24 months
BMK2	24 months
Compact SAKL	24 months
Aqualimb TF	24 months
Child's 4-bar Knee	24 months
Feet	
Elan	36 months*
ElanIC	36 months*
BladeXT (excluding paintwork and sole cover)	24 months
Mini BladeXT (excluding paintwork and sole cover)	24 months
Elite BladeVT	36 months
Elite Blade	36 months
EliteVT	36 months
Elite2	36 months
EchelonVT	36 months
Echelon	36 months
EchelonER	36 months
EchelonVAC	36 months
Javelin	36 months
Epirus	36 months
Esprit	36 months
Navigator	24 months
AvalonK2	24 months
AvalonK2VAC	24 months
Multiflex - all variants	24 months
Super SACH	24 months
Aqualimb	24 months

Controls	
SmartIP	24 months
PSPC	24 months
Blatchford Hydraulic Cylinders - all variants	24 months
Service Exchange Products	
Blatchford units - all variants	12 months
SmartIP	18 months
Ankles, Adapters and Shins	
Multiflex Ankles	24 months
Ankle Snubbers	3 months
All Adapters & Tubes	24 months
Shins	24 months
TT Pro – all variants	24 months
Liners and Sleeves	
Silcare Breathe Liners	6 months
Silcare Liners	6 months
Blatchford Comfort Liners	6 months
Suspension Sleeves	1 month
Foot Shells and Cosmesis	
Foot Shell	12 months
Cosmetic Items (Fairings, Coverings, Kneeballs etc)	1 month
Glide Sock	3 months
Cosmetic Cover (Orion3/Linx)	6 months
Ancillary Products	
Tooling	12 months
Test Equipment	12 months
Ovens and Hot Air Guns	12 months
Proprietary items	Manufacturer's Warranty

See Blatchford website for current full warranty statement.
Warranty periods commence from the original date of shipment unless otherwise stated.
Note: Any warranty on repaired or replaced items is governed by the original date as the remaining warranty period from the original purchase must be maintained.
*Extended warranty is available on request; contact your service provider.

Global Warranty Statement

Blatchford Group warrants its products for a period of time against defects in Blatchford material and workmanship (“Manufacturing Defect”). The warranty period applies from the date of the first shipment of the Product to you (the “Original Shipment Date”), unless otherwise specified.

In the event that a Manufacturing Defect is discovered during the warranty period, Blatchford will, at its discretion, repair or replace the affected part or device. If repair is not possible, Blatchford will replace it with another of equivalent function. If this is not possible, Blatchford will refund the purchase price associated with the Manufacturing Defect. Depending on the circumstances and at the discretion of Blatchford, this might be a refund of a specific part of, or the whole device. The warranty of the repaired or replaced part is limited to the remaining warranty period from the Original Shipment Date.

To the extent permitted by local law, the warranty coverage is limited to an amount equivalent to the cost of the original failed part (or where applicable, device) and excludes all associated or related costs. For the sake of clarity, the phrase “all associated or related costs” includes but is not limited to associated parts, assembly and disassembly costs, transport costs, travel and handling costs and any form of compensation.

The warranty does not cover issues arising from misuse, accidental damage, neglect, wear and tear, unapproved component modifications, incorrect assembly and unless otherwise specified, immersion in water.

Specific limitation of use as detailed in the documentation supplied with the product (Instructions for Use) must be complied with. This warranty does not cover products that are modified to meet the needs of the customer where such modifications may adversely affect the lifespan of the item.

Blatchford makes no other express warranty or condition, whether written or oral. To the extent allowed by local law, any implied warranty or condition of merchantability, satisfactory quality, or fitness for a particular purpose is hereby disclaimed. Some countries/regions, states, or provinces do not allow limitations on the duration of an implied warranty, so the above disclaimer may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from country/region to country/region, state to state, or province to province.

To the extent allowed by local law, the remedies in this warranty statement are your sole and exclusive remedies. except as indicated above, in no event will Blatchford or its suppliers be liable for direct, special, incidental, consequential, or other damage, whether based in contract, tort, or otherwise. Some countries/ regions, states, and provinces do not allow the exclusion of certain damages, in which case to the extent prohibited, the above limitations and exclusions may not apply to you.

If the product comes with a Warranty Registration Form then this must be completed and returned to the company for the warranty to be effective.

Where requested by Blatchford, a Warranty Claim Form must be fully completed and supplied with the affected part to qualify for warranty.

To make a claim under product warranty, please contact our Customer Services department.

Please be aware our Warranty Statement is subject to change - in all cases our current Warranty Statement is published on our website.

Jolanda Hayes

BUSINESS DEVELOPMENT MANAGER

MEDROMA

www.medroma.co.za

Cell: 081 047 0531
Office: 012 - 991 2227
Email: jolanda@medroma.co.za
Orders: orders@medroma.co.za

ORTHOTICS

PROSTHETICS

COMPRESSION GARMENTS

Medroma (Pty) Ltd | Registration number: 2023/937651/07
Office 109 | First Floor | Soetdoring Office Park | Doringkloof | Centurion | 0157
PO Box 25 | Southdowns | Irene | 0123

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An annual visual inspection is recommended. Check for visual defects that may affect proper function. Maintenance must be carried out by competent personnel. Before carrying out any new activities of daily living, please check with your clinician whether specific training is required.

+44 (0) 1256 316600 | customer.service@blatchford.co.uk
Blatchford Products Limited, Unit D Antura, Kingsland Business Park,
Basingstoke, RG24 8PZ, United Kingdom.

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