

Shuttle Lock

Application example



Always position the shuttle lock in the extension of the residual limb (blue line), never in the alignment reference line (red line).



647H218



6A20=10 Shuttle Lock with pyramid adapter

Serrated pin

- coated aluminium housing
- Easy to unlock ratchet unit, even under tensile load
- Continuously variable locking mechanism for secure support
- Adjustable: engages silently or audibly



Article number	6A20=10
Distal connection	Pyramid Adapter
System height	25 mm
Max. body weight	125 kg

- Enclosed: lamination anchor for integration into the laminate.



647H218



6A20=20 Shuttle Lock with adjustment screw

Serrated pin

- Especially well suited for transtibial prostheses on long residual limbs or transfemoral prostheses
- coated aluminium housing
- Easy to unlock ratchet unit, even under tensile load
- Continuously variable locking mechanism for secure support
- Shorter pin
- Adjustable: engages silently or audibly



Article number	6A20=20
Distal connection	Adjustment Screw
System height	79 mm
Max. body weight	125 kg

- Enclosed: lamination anchor for integration into the laminate.

6A20=30 Shuttle Lock with pyramid adapter

Smooth pin

- Coated aluminium housing
- Easy donning and doffing of the prosthesis
- Continuously variable locking mechanism for secure support



Article number	6A20=30
Distal connection	Pyramid Adapter
Max. body weight	100 kg

- Enclosed: lamination anchor for integration into the laminate.



 647H328




6A30=10 Shuttle Lock

Serrated pin

- Coated aluminium housing
- Easy to unlock ratchet unit, even under tensile load
- Continuously variable locking mechanism for secure support
- Adjustable: engages silently or audibly

Article number	6A30=10
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 647G415



6A30=20 Shuttle Lock

Waterproof and corrosion-resistant

- Serrated pin
- Lightweight plastic housing, therefore suitable for use in bathing prostheses (Aqualine)
- Easy to unlock ratchet unit, even under tensile load
- Continuously variable locking mechanism for secure support
- Adjustable: engages silently or audibly

Article number	6A30=20
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647G931



6A40 MagnoFlex Lock

Straightforward pin guide thanks to the unique combination of a flexible pin and a Shuttle Lock housing with integrated magnet

- The straightforward pin guide eliminates the arduous task of searching for the opening in the Shuttle Lock
- 1-step fabrication: quick and straightforward integration into the prosthesis
- The use of high-performance polyamide reduces the weight of the prosthesis while offering great durability
- With the valve 6A42 the fitting can be converted to a suction system quickly and easily
- The optional sliding plate makes it easier to optimise the prosthesis settings

Area of application:

- Transfemoral and transtibial amputation
- Check sockets and definitive fittings



Article number	6A40
Distal connection	4-hole
System height	25 mm
Max. body weight	125 kg

MagnoFlex lock accessories



6A42 Valve for shuttle lock

The valve is easy to glue into the opening of the shuttle lock housing. It serves to generate a vacuum in the socket. (A sealing sleeve is needed as the proximal seal.)

For use in check sockets and definitive fittings.

Article number	6A42
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6A41 Slider plate for MagnoFlex lock

Area of application

- Transfemoral and transtibial amputation
- Check sockets and definitive fittings



Article number	6A41
Displacement	Slide travel 12mm and 24mm
Max. body weight	125 kg

6A43 MagnoFlex Lock socket attachment block

Area of application:

- Transfemoral and transtibial amputation
- Check sockets and definitive fittings



Article number	6A43
for	6A40
Max. body weight	125 kg

6Y13=F1 Flexible pin for MagnoFlex lock

Article number	6Y13=F1
Length	47.8 mm
for	6A40

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Accessories

6Y13=1 Pin

Article number	6Y13=1
Length	49.5 mm
for	6A20=10, 6A30=10, 6A30=20

6Y13=2 Pin, short

Article number	6Y13=2
Length	31 mm
for	6A20=20

6Y13=3 Pin, smooth

Article number	6Y13=3
Length	48 mm
for	6A20=30

6Y13=L1 Pin, long

Article number	6Y13=L1
Length	68.7 mm
for	6A20=10, 6A30=10, 6A30=20



 647G179

5R2 Lamination disc

Aluminium

The 5R2 Lamination Disc can be combined with various Ottobock socket adapters as well as the 6A30=20 Shuttle Lock system.



Article number	5R2
Material	Aluminium
System height	9 mm
Weight	70 g
Max. body weight	150 kg

- ▶ The 4X86 Lamination Dummy has to be used for laminating. It is enclosed with the lamination disc.

Single components as replacement parts

Article number	6A20=10	6A20=20	6A20=30	6A30=10	6A30=20	6A40
4R111=N Lamination anchor with threaded connector	■	■	■			
5X55 Dummy set with screw	■	■	■			
5X67 Push button			■			
5X108 Dummy set					■	
5X120 Shuttle housing with bushing					■	
5X125 Dummy set				■		
5X440 Lamination protection for pin	■	■	■	■	■	
6A43 MagnoFlex Lock socket attachment block						■
6A51=10 Shuttle lock housing with pyramid adapter	■					
6A51=20 Shuttle lock housing with adjustment screw		■				
6A51=30 Shuttle lock housing with pyramid adapter			■			
6A52 Ratchet unit	■	■		■		
6A52=30 Release button			■			
6A52=K Ratchet unit					■	■
6A61 Push button for 6A52	■	■		■	■	
6Y13=1 Pin	■			■	■	
6Y13=2 Pin, short	■	■		■	■	
6Y13=3 Pin, smooth			■			
6Y13=F1 Flexible pin for MagnoFlex lock						■
6Y13=L1 Pin, long	■			■	■	
506G21=M4x10 Set screw					■	

■ can be ordered individually

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KISS Lanyard Systems

The patented 4R160=1 and 4R160=2 KISS Lanyard systems are socket connection systems for transfemoral amputations.

Features & Benefits

- Proximal and distal connection between the socket and liner
- > Reduced pistoning and rotational movements
- Can be donned while sitting
- > Therefore particularly well suited for geriatric users and users with a low mobility grade



646D336



647H529

The Delrin KISS Kit requires a socket adapter to connect it to the modular system.

Application:

- Contracted residual limbs
- Carbon frame sockets in combination with ThermoLyn soft

Article number	4R160=1
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646D336



647H529

The 4-hole endoskeletal KISS Kit features a direct connection to the modular system.

Application:

- Residual limb positions approximately equivalent to the alignment reference line
- Sockets that are completely laminated from ThermoLyn soft without using an inner socket

Article number	4R160=2
Max. body weight	150 kg (330 lbs)

Spare parts

4R163 KISS delrin base

Article number	4R163
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4R164 KISS 4-hole base

Article number	4R164
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4R165 KISS distal straps (2 pcs)

Article number	4R165
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4R166 KISS proximal straps (2 pcs)

Article number	4R166
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4R167 KISS proximal nut and screw (set)

Article number	4R167
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4R175 KISS Velcro Placard (Set wl screw and nut)

Article number	4R175
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4R174 KISS Distal screws (2 pcs)

Article number	4R174
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