



## Modular Hip Joints

Fittings of various types of hip amputations, such as intertrochanteric amputation, hip disarticulation and hemipelvectomy amputations, were significantly improved with our modular systems. Nevertheless, the fabrication and fitting of a prosthesis for these amputation levels still remains one of the great challenges in orthopedics.

Prosthetic hip components are offered for Mobility Grades 1 to 3.

Please see pages 48 and 49 for an overview of combinations with appropriate knee and foot components.


7E5

Aluminum



## Modular Single Axis Hip Joint, with Lock

The hip joint is screwed to the socket lamination plate with the double hinged plate. The built-in lock automatically secures the joint in extended position. For sitting, it can be disengaged using a lever. Flexion and extension are adjusted by sliding the extension stop bumper on the tube. Hip rotation is adjustable.

 647H466

Order no. (order example):

Article no.	=	Side
7E5	=	L

Article no.	7E5
Sides	left (L), right (R)
Distal connection	Tube Ø 30 mm
Flexion angle	120°
Weight	890 g
Min. system height	170 mm
Max. system height	360 mm
Material	Aluminum
Mobility Grade	1
Max. body weight	100 kg


7E4

Aluminum



## Modular Single Axis Hip Joint, with Extension Assist

Largely identical to the 7E5 Modular Hip Joint. Instead of the lock, the joint has an extension assist with lateral latex bands for stride control and a built-in adjustable extension stop bumper. The extension assist limits the range of motion of the joint while walking.

 647H466

Order no.	7E4
Distal connection	Tube Ø 30 mm
Flexion angle	120°
Weight	940 g
Min. system height	170 mm
Max. system height	360 mm
Material	Aluminum
Mobility Grade	2
Max. body weight	100 kg

Single components for 7E5 and 7E4

replacement parts

### 7D5 Single component pack for 7E5

Consists of:

- 4 lock rings, 1 wire bow with roller,
- 1 stop, 4 countersunk head screws,
- 2 spring guide pins, 1 complete support plate

### 7D4 Single component Pack for 7E4

Consists of:

- 4 lock rings, 1 lower suspension,
- 1 wire bow with roller, 1 upper suspension,
- 1 stop, 2 hip extension devices,
- 4 countersunk head screws, 1 complete support plate

Leg Prostheses for Children  
 Limb Prostheses  
 Initial/Interim Prostheses  
 Alignment Leg Prostheses  
 MCBIS®  
 Prosthetic Feet  
 Adapter  
 Knee Joints  
 Hip Joints




7E7

Aluminum



## Modular Single Axis Hip Joint, with Internal Extension Assist

The upper section of the hip joint is screwed to the lamination plate in the socket and connected to the lower joint section through the hip's axis. The continuously adjustable extension assist is located in the lower section of the joint and limits the range of motion while walking. The joint features a low structural height (= laminate thickness), which minimizes the pelvic tilt in the seated position. Abduction/adduction, flexion/extension and rotation can be continuously adjusted.

The joint is delivered with a 7Z58 Lamination Dummy.

647G130

Order no.	7E7
Distal connection	Tube Ø 30 mm
Flexion angle	130°
Weight	875 g
Min. system height	95 mm
Max. system height	360 mm
Material	Aluminum
Mobility Grade	2 + 3
Max. body weight	100 kg

## Accessories for 7E5 / 7E4 and 7E7

Have to be ordered separately.

### Tube Clamp Adapter, Titanium, Ø 30 mm, Angled at 10°/20°/30°

The adapter is available with three angles.

It establishes the connection between the pyramid adapter in the knee joint and the tube of the anteriorly located hip joint.



Order no.	4R56	4R56=1	4R56=2
Weight	85 g	85 g	100g
System height	34 mm	34 mm	35 mm
Max. body weight	100 kg		
Angle	10°	20°	30°

► For larger pelvic sockets, the 4R56=1/=2 Tube Clamp Adapter, angled at 20°/30°, is recommended. Please note the 10° angle of the pyramid adapter when using "=HD" knee joints.

647H9

## 4R32 Finishing Kit for Modular Hip Disarticulation Prostheses



The finishing kit attaches the foam connection plate to the pelvic socket. It is a functional part of Otto Bock modular hip joints.

### Consists of:

2 connection straps with rings, 2 distal anchor rings, 2 wedges, 1 Thermo-Lyn® polyethylene strip (as lamination template), 1 (pair) Perlon stockinettes, beige, size 3

## Single components for 7E7

replacement parts

### 7D2 Single component Pack for 7E7

#### Consists of:

1 tappet, 1 guide bushing, 1 extension assist spring, 1 safety plate, 1 oval countersunk head screw, 1 stop, 2 cap screws (M8 thread), 1 cap screw (M5 thread), 1 lock ring, 1 protective sleeve (plastic)

