

# INSTRUCTIONS FOR USE

## IFU CODE: 13

**IB-ER**  
PROSTHETIC



**E 40**



**E 48**



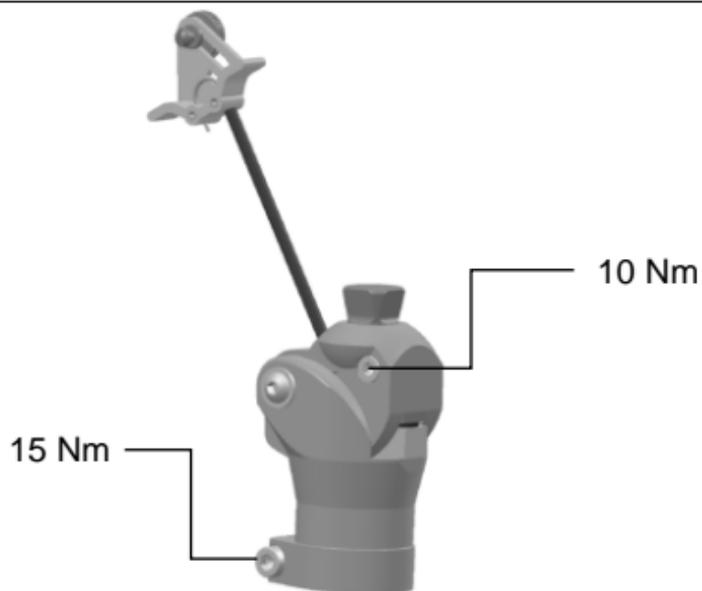
**E 41**



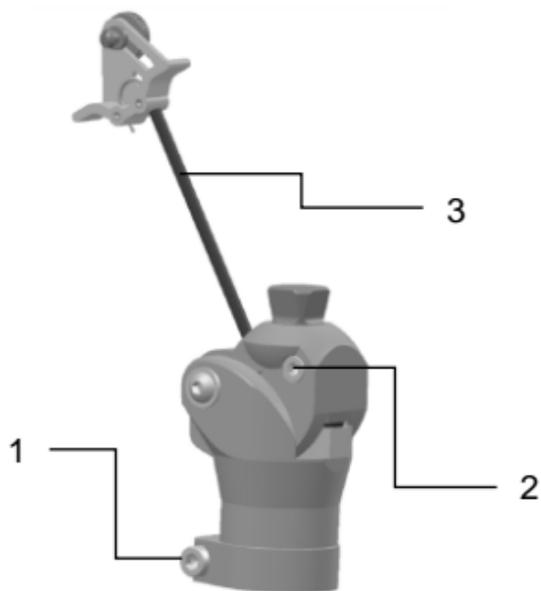
**E 47**

CE

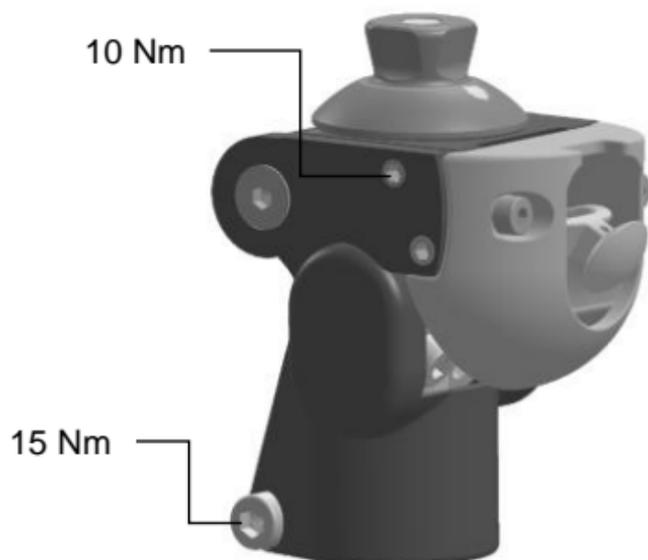
**Fig 1. (E 40, E 48)**



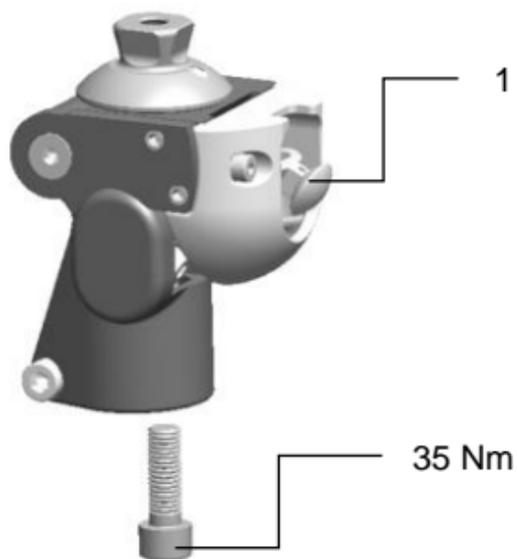
**Fig 2. (E 40, E 48)**



**Fig 3. (E 41, E 47)**



**Fig 4. (E 41, E 47)**



## INFORMATION

Last Update: 01-01-2023



- Please read this document carefully before using the product.
- Instruct the user in the appropriate and safe use of the product.
- Follow the safety instructions to abstain injuries and damage to the product.
- Please keep this document in a safe place.

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## 1. E40

### ***Single Axis Knee W/Lock Rotating Pyramid***

Uniaxial monocentric lockable knee joint

Provides 175 degrees of flexion

Locking mechanism is controlled via wire

Wire at the middle of the knee joint

#### **1.1. Features**

<b>Code</b>	<b>Material</b>	<b>Weight</b>	<b>Weight Limit</b>
E 40	Aluminum	360 gr	100 Kg

## 2. E48

### ***Single Axis Knee W/Manuel Lock and Rot. Pyramid W/Sided Wire***

Uniaxial monocentric lockable knee joint

Provides 160 degrees of flexion

Pyramid can rotate both directions with the adjustment screw

Locking mechanism is controlled via wire

Wire at the middle of the knee joint

#### **2.1. Features**

<b>Code</b>	<b>Material</b>	<b>Weight</b>	<b>Weight Limit</b>
E 48	Aluminum	347 gr	100 Kg

### 3. E41

#### ***Single Axis Knee W/Manuel Lock***

Uniaxial monocentric lockable knee joint

Provides 155 degrees of flexion

Locking mechanism is controlled via wire

Pyramid can rotate both directions with the adjustment screws

#### **3.1. Features**

Code	Material	Weight	Weight Limit
E 41	Aluminum	433 gr	100 Kg

This knee is specifically designed for lower activity, elder individuals. This knee is easily controlled and very reliable.

This product is limited with patients up to 100kg.

High stance phase ability.

No swing phase control.

#### **TIP!**



The lock can be opened both by hand and with the help of the cord.

### 4. E47

#### ***Single Axis Knee W/Manuel Lock***

With Prong connection for disarticulation.

#### **4.1. Features**

Code	Material	Weight	Weight Limit
E 47	Aluminum	579 gr	100 Kg

Code	Ingredient	
E 41	E 41-Pyramid	
	E 41-Wire	
E 47	E 41-Prong Con.	
	E41-One Prong	

## 5. Adjustment of Knee

### E 40, E 48

1. Locking mechanism is factory adjusted.
2. Take the pyramid section to desired position by loosening or tightening screw at #2 (Fig. 2).

#### **Torque: 10 Nm**

3. Tighten screws at #2 and #1. This application should be carried finally with an average adhesive.
4. The knee may be unlocked by pulling the cord no: #3 and locked when load is applied (See fig. 1 and fig. 2).

### E 41, E 47

The pyramid can rotate. For this, the M6X20 set screw at the bottom of the pyramid is opened.

Pyramid position is determined with set screws and M6X20 set screw is tightened with **10 Nm torque**. Screw thread is secured with a medium strength adhesive.

The pyramid can rotate 10 degrees from both sides.

The lock mechanism can be opened manually from the place shown as #1 in fig 4 (See fig. 3 and fig. 4).

## 6. Environmental Conditions

### Acceptable Environmental Conditions

Temperature use range: -10 °C to +45°C

Humidity: Allowable relative humidity 20% to 90%, non-condensing

### Unsuitable Environmental Conditions

Fresh water, salt water, sweat, urine, acids e.g.

Sand, dust, highly hygroscopic particles (e.g., talcum)

Mechanical vibrations, impacts

## 7. Service Life

The service life of the product is about 3 years. This duration depends on the daily activity of the user.

## 8. General Safety Instructions

### CAUTION!



To avoid the risk of injury and product damage, do not use for longer than the service life of the product.

The suitability of the device to the patient and the prosthesis should be evaluated by a healthcare professional.

The device must be fitted and adjusted by a healthcare professional.

Avoid using this product in unsuitable environmental conditions. If the product has been exposed to unsuitable environmental conditions, check for damage.

Do not use the product that is damaged, has limited functionality or is in doubtful condition. Ensuring that appropriate measures are taken (e.g. control, cleaning, repair, replacement by the authorized workshop or manufacturer).

To prevent mechanical damage, be careful and caution when working the product.

Use the product for a single patient to avoid injuries and product damage.

Products should be used in appropriate combinations. Using the product with unsuitable combinations may result in possible injury.

In case of feeling any space or sound, apply the rehabilitation center who installed the foot.

## 9. Maintenance

1. After the first 30 days of use, the prosthesis parts should be visually inspected and function checked.
2. Inspect the entire prosthesis for wear during normal consultations.
3. This prosthesis and components should be checked for its functions at least once a year with regular intervals by a prosthesis specialist. There is no risk if suggestions are followed by properly.

## 10. Warranty

IB-ER company provides the warranty for the products in case of material and production flaws. Warranty duration for the above-mentioned products are individually mentioned at below.

Product		Duration After The IB-ER Invoice Date
E 40	E 48	24 Months
E 41	E 47	

This warranty covers on only replacement and repair of failed products after assemblies performed by qualified individuals and competent institutions. This warranty is not applicable in case of following points:

- Improper use of the product, using with unsuitable conditions and fault assembly.
- Issues arising from replacement of our products with other products.



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