

INSTRUCTIONS FOR USE

IFU CODE : 35

IB-ER
PROSTHETIC

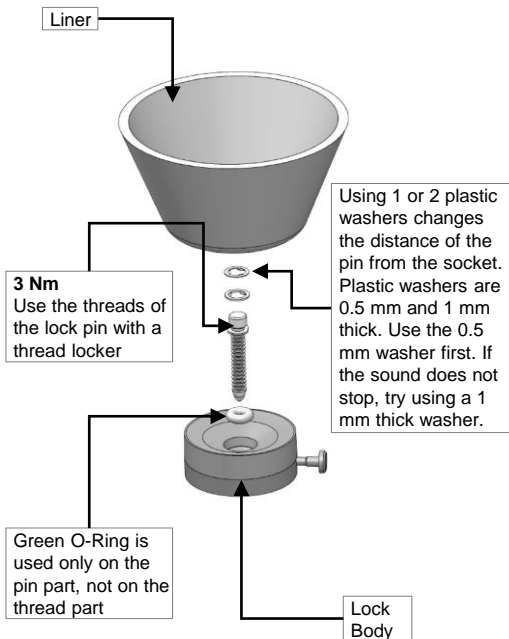


Shuttle Lock

CE

E 75 , E 76

Fig 1. (E75)



INFORMATION



Last Update: 12.06.2024

- 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 Cylindrical Shuttle Lock – E 75

E75 is a cylindrical type of lock, made of high-strength Nylon

Designed for direct mounting with a 4-hole adapter

Very light-weight structure

Includes two pins in package



Code	Weight	Material	Weight Limit
E 75	129 gr	H. Nylon	100 kg

1.1 Installation

1. Once the socket has been produced using the appropriate mold, ensure that the distal surfaces of the socket are flat and parallel using the appropriate tool.
2. Align the 4-Hole pattern of the lock and pyramid.
3. Install four M6 flat head screws from the bottom of the pyramid. Tighten the screws to 10 Nm using a torque wrench. If using a top loading lock the screws will already be in place.

CAUTION!



Medium strength threadlocker should be used on all four M6 screws. Be sure not to overuse the thread clamp as this will damage the locking function.

4. At least 3 clicks must be installed for the Lock Pin.

(see fig 1.)

**CAUTION!**

Risk of the shuttle lock jamming, breaking or malfunctioning.

- The inner and outer surfaces of the far end must be parallel and flat.
- Bolts must be tightened correctly.

- Advised torque levels for Pin: **3 Nm**

Secure screw thread with medium strength adhesive. Observe the recommended torque when mounting the pin to the liner. Only install the pin in liners with a metal thread.

2 Shuttle Lock – E 76

Basic socket in-built Shuttle lock with hexagon base.

There is no weight limit because the lock is not a weight bearing component
Simple and reliable design

Build Height: 32 mm



Code	Weight	Material	Weight Limit
E 76	70 gr	Delrin	No weight limit

**ATTENTION!**

Use a thread locker to secure all threaded fasteners.
Do not make any changes to the locking or the housing.

The safest way to use Shuttle Lock is that the lock pin must have at least 3 teeth attached to the Shuttle Lock body.

3 Maintenance

- A visual inspection and functional test of the components should be performed after the first 30 days of use.
- Inspect the entire prosthesis for wear during normal consultations.
- Annual security checks should be implemented.

4 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
Mechanical vibrations, impacts
Dust, sand, fresh water, salt water, acids, sweat and urine
Cleaning agents containing solvents

5 Service Life

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

6 General Safety Instructions



ATTENTION!

Incorrect installation of bolt connections or loosening of bolt connections can cause injury. To avoid injury:

- Clean the bolt threads before each assembly.
- Apply the recommended tightening torques.



CAUTION!

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

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.

7 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 Code	Duration After the IB-ER Invoice Date
E 75	6 Months
E 76	

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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