INSTRUCTIONS FOR USE

IFU CODE : 11

İB-ER
PROSTHETIC



E 09



E 09 Large Body



E 10



E 11

CE

Lamination Anchors

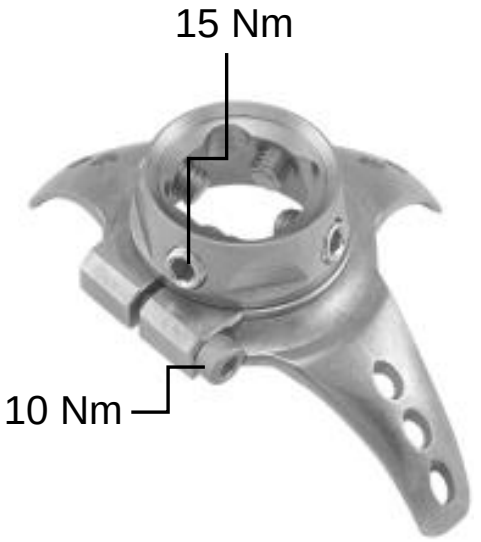
1



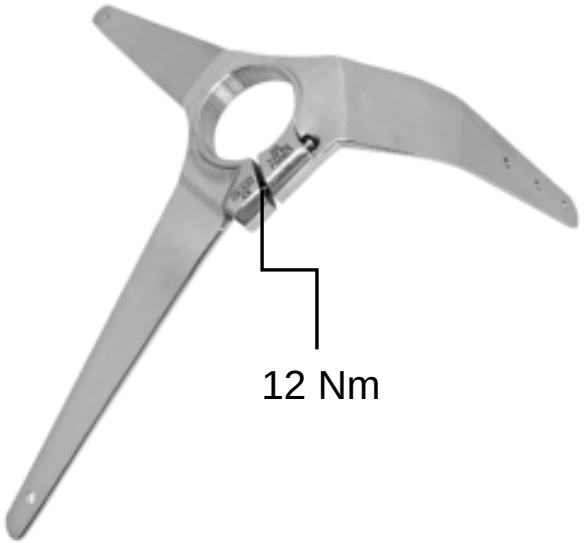
2



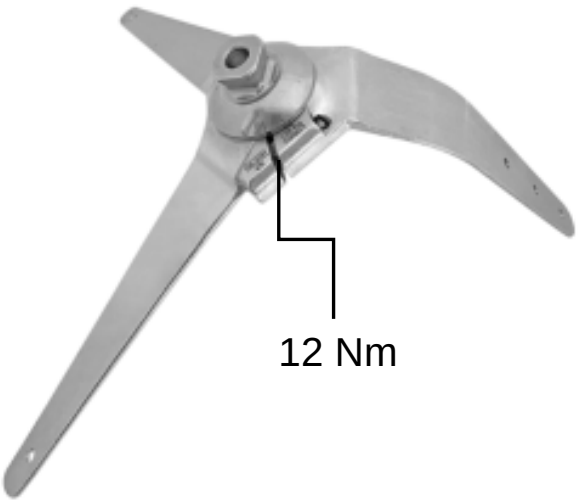
3



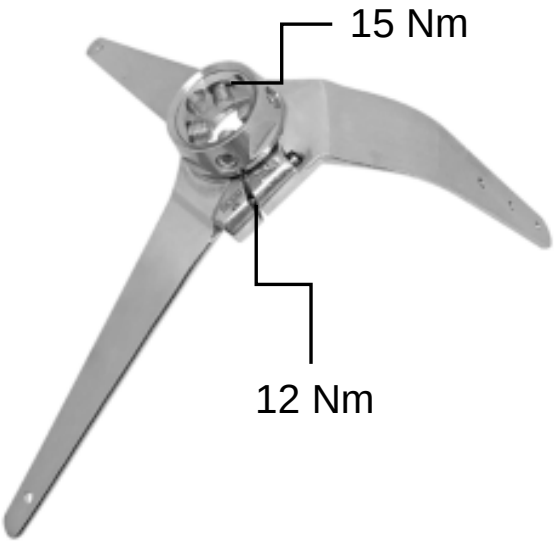
4



5



6



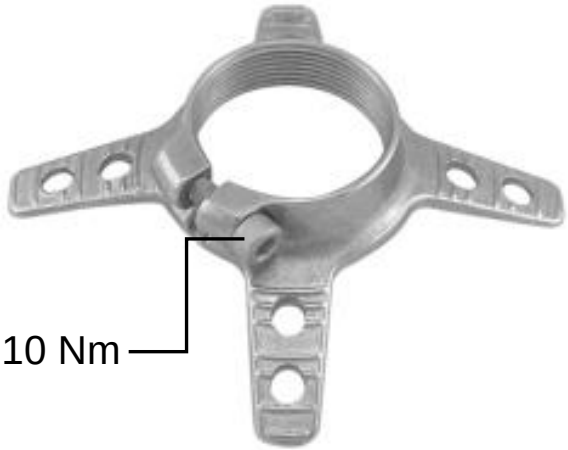
7



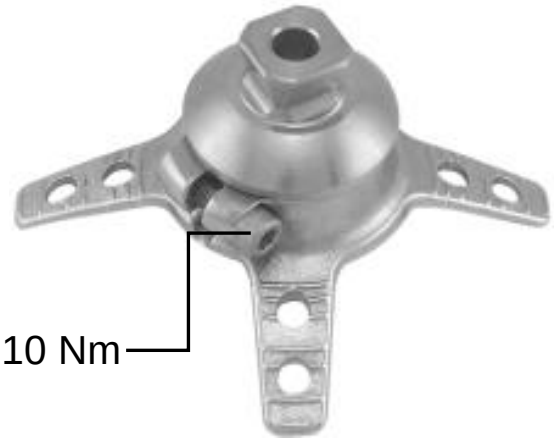
8



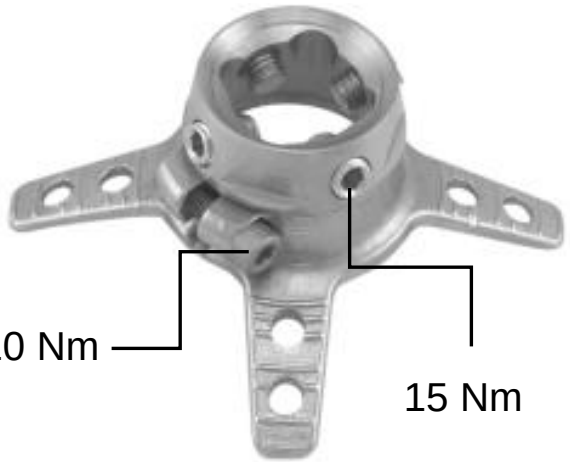
9



10



11



1	E 09s-Body
2	E 09s-Ps, E 09s-PT
3	E 09s-Rs, E 09s-RT
4	E 09s-Large Body
5	E 09s-Large Body-Ps
6	E 09s-Large Body-Rs
7	E 09s-Ps–long, E09s-PT-long
8	E 09s-Rs–long, E09s-RT-long
9	E 10s-Body
10	E 10s-Ps, E 10s-PT
11	E 10s-Rs, E 10s-RT

INFORMATION

Last Update: 01-02-2023

- 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.

Contents

1. Socket Adapters 1
2. 3 And 4 Prong Socket Adapter W/Rotating Pyramid 2
3. 3 And 4 Prong Socket Adapter W/Rotating Receivers.. 3
4. 3 Prong Socket Adapter W/Rotating Pyramid 4
5. 3 Prong Socket Adapter W/ Rotating Receiver 4
6. Assembly 4
7. Weight Limit of Products..... 6
8. Environmental Conditions..... 7
9. Service Life 7
10. General Safety Instructions 7
11. Maintenance 8
12. Warranty 8

1. Socket Adapters

Lamination anchors are laminated into a prosthetic socket. They serve to connect the prosthetic socket to the distal prosthetic component.

1.1 E 09s-Body (Rotating 3-Prong Socket Adapter)

Code	E 09s-Body	
Material	Stainless Steel	
Weight	105 gr	

1.2 E 10s-Body (Rotating 4-Prong Socket Adapter)

Code	E 10s-Body	
Material	Stainless Steel	
Weight	74 gr	

1.3 E 11 (Fixed Pyramid Socket Adapters)

Hardness of pyramid section kept high to handle screw pressure. On the other hand, Hardness of the prongs has been reduced by heat treatment, it can therefore be bent back and forth.

Code	E 11	
Material	Stainless Steel	
Weight	138 gr	

1.4 E 09s-Large Body (Large Type Socket Adapters)

This 3-prong socket adapter is specially designed for big stumps. Size of the adapter is three times bigger than regular socket adapter.

Thanks to its material, even though the big prongs, it's easy to bend them back and forth.

Combination with pyramids and receivers are at next page.

Code	E 09s-Large Body	
Material	Stainless Steel	
Weight	275 gr	

2. 3 And 4 Prong Socket Adapter W/Rotating Pyramid

Code	E 09s-Ps	E 09s-PT	
Material	Stainless Steel / Stainless Steel	Stainless Steel / Titanium	
Weight	165 gr	140 gr	

Code	E 10s-Ps	E 10s-PT	
Material	Stainless Steel / Stainless Steel	Stainless Steel / Titanium	
Weight	134 gr	109 gr	

Code	E 09s-Large Body-Ps	
Material	Stainless Steel / Stainless Steel	
Weight	340 gr	

3. 3 And 4 Prong Socket Adapter W/Rotating Receivers

Code	E 09s-Rs	E 09s-RT	
Material	Stainless Steel / Stainless Steel	Stainless Steel/ Titanium	
Weight	175 gr	145 gr	

Code	E 10s-Rs	E 10s-RT	
Material	Stainless Steel / Stainless Steel	Stainless Steel / Titanium	
Weight	144 gr	114 gr	

Code	E 09s-Large Body-Rs	
Material	Stainless Steel / Stainless Steel	
Weight	363 gr	

4. 3 Prong Socket Adapter W/Rotating Pyramid

Code	E 09s-Ps-Long	E 09s-PT-Long	
Material	Stainless Steel / Stainless Steel	Stainless Steel / Titanium	
Weight	285 gr	212 gr	

5. 3 Prong Socket Adapter W/Rotating Receiver

Code	E 09s-Rs-long	E 09s-RT-long	
Material	Stainless Steel / Stainless Steel	Stainless Steel / Titanium	
Weight	295 gr	215 gr	

6. Assembly

CAUTION!

⚠ 3-Prong and 4-Prong socket adapters have been produced with special steel to be bent back and forth 7-8 times in a row. Avoid excessive bending with high force and small radiuses. Gently bend the prongs with bigger radiuses.

ATTENTION!

⚠ When bending the adapters, care must be taken to prevent distortion of the distal threads.

1) Isolate cast with PVA bag.
2) For initial lamination, apply suitable locating material.
3) Apply 50 mm single carbon tapes diagonally over the distal end of the model in the AP/ML direction.
4) Apply and laminate the outer PVA bag.
5) After hardening, remove PVA bag and roughen outer surface of lamination.
6) Attach the Adapter in correct alignment and rotation with putty.
7) Position the Lamination Cap on Adapter and secure it by locking the screw.
8) Apply clay to the tightening bolt and tightening bolt body to protect against resin.
9) Connect the 50mm carbon tapes to the grooves on the adapter, place in the AP/ML direction.
10) Apply material combinations appropriate to the user's weight and level of impact.
11) Layers of material can be cut to different lengths to provide a thinner, lighter proximal socket.
12) Connect the 50mm carbon tapes to the grooves on the adapter, place in the AP/ML direction.
13) Proceed with the appropriate placement material.
14) Laminate with 80:20 acrylic laminating resin.

Code		Tightening Torque	
		Set Screws	Mouth Screws
E 09s-Body		None	10 Nm
E 09s-Ps	E 09s-PT		
E 09s-Rs	E 09s-RT	15 Nm	
E 09s-Large Body		None	12 Nm
E 09s-Large Body-Ps			
E 09s-Large Body-Rs		15 Nm	
E 09s-Ps–long	E09s-PT-long	None	10 Nm
E 09s-Rs–long	E09s-RT-long	15 Nm	
E 10s-Body		None	
E 10s-Ps	E 10s-PT		
E 10s-Rs	E 10s-RT	15 Nm	

7. Weight Limit of Products

Weight Limit	Product Code	
125 kg	E 09s-Body	E 10s-Body
	E 09s-PT	E 10s-Ps
	E 09s-Ps	E 10s-PT
	E 09s-Rs	E 10s-Rs
	E 09s-RT	E 10s-RT
	E 09s-Ps-Long	E 09s-PT-Long
	E 09s-Rs-long	E 09s-RT-long
	E 11s	
134 kg	E 09s-Large Body	E 09s-Large Body-Rs
	E 09s-Large Body-Ps	

8. 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
Salt water, sweat, urine, acids e.g.
Sand, dust, highly hygroscopic particles (e.g. talcum)
Mechanical vibrations, impacts

9. Service Life

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

10. 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.
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.

11. 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. Annual security checks should be implemented.

12. 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.

Duration after the IB-ER Invoice Date	Product Code	
24 Months	E 09s-Body	E 10s-Body
	E 09s-PT	E 10s-Ps
	E 09s-Ps	E 10s-PT
	E 09s-Rs	E 10s-Rs
	E 09s-RT	E 10s-RT
	E 09s-Ps-Long	E 09s-PT-Long
	E 09s-Rs-long	E 09s-RT-long
	E 09s-Large Body	E 09s-Large Body-Rs
	E 09s-Large Body-Ps	E 11s

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.

İB-ER®
PROSTHETIC

İB-ER Makina A.Ş
Selvilitepe OSB Mah. OSB 2006. Cad. No: 13/1
45400, Turgutlu - Manisa / Turkey

Phone : +90 (236) 312 32 00
Fax : +90 (236) 312 32 06
info@ib-er.com
www.ib-er.com

EC REP

Ercan Gozuacik
Reinickendorfer Str 45 13347 Berlin GERMANY
(for regulatory affairs only)