



UNYQ[®]

**ONEFIT
TECHNICAL GUIDE**

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UNYQ OneFit Cover is an innovative Unyq solution for transfemoral amputees. This new integral solution completely covers the prosthesis mimicking the natural shape of the thigh, knee and lower leg, maintaining a symmetrical appearance with the healthy leg.

OneFit is designed to effectively protect mechanical or electronic parts, so it can be considered a crucial complement for the maintenance and care of prostheses. This solution is designed to avoid friction and discomfort caused by moving plastic or metal parts with clothing, especially in the knee joint area, facilitating patient comfort and improving their appearance.

The possibility of customization through colors, patterns or designs makes it an attractive product that favors the process of adaptation, acceptance and providing emotional and psychological support for the user.

- **CUSTOM SHAPE** FOR EACH USER AND PROSTHESIS
- **3D SCANNING** REQUIRED
- ORDERING THROUGH **UNYQ WEBSITE**
- AVAILABLE FOR MOST **COMMON MONOCENTRIC KNEES** (Selected knees*)

PRODUCT OPTIONS

3D Firm

Polyamide (PA 12) is a thermoplastic material with great mechanical characteristics, which makes it ideal to create resistant and complex pieces. It allows to design lightweight covers with a more detailed surface, which makes the difference in our UNYQ Covers. After printing, each cover is hand polished and painted with a high quality finishing.

DELIVERY

3-4 weeks

TYPE

AK (selected Knees*)

MATERIAL

PA 12

ATTACHMENT

Magnets & Fast-clamp /
Screws & C-clamp

DESIGNS

All

COLORS

All

COATING

Matte or Gloss

EXTRAS

Engrave
Vinyl

*Currently available for C-Leg 4 Genium, Kenevo, 3R80 (Ottobock), Rheo/Rheo XC (Össur), Quattro (Proteor), prosthetic knees. Please check for other options.

ATTACHMENT AK



Magnets & Fast-clamp

Our covers are attached to the prosthesis with magnets and our easy fast-clamp system by default.



Screws & C-clamp

If the user is active, we recommend choosing Screws & C-Clamp instead for even safer attachment.

ATTACHMENT SOCKET



Dual Lock

Repositionable locking system with interlocking mushroom-shaped heads sensitive to pressure.



Screws & C-clamp

If the user is active, we recommend choosing Screws & C-Clamp instead for even safer attachment.

EXTRA OPTIONS



Vinyl

Coloured adhesive image.

Available for 3D Firm covers: Rako, Swan, Crystal, Brizz, U, Flow, Galaxy, Next, Ribbons, Rivet, Trooper, Wave.



Engraving

3D printed image on the cover's surface.

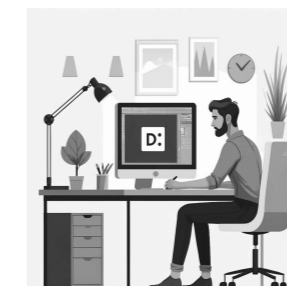
Available for designs: Rako, Swan, Crystal, Brizz, U, Flow, Galaxy, Next, Ribbons, Rivet, Trooper, Wave.

ORDERING PROCESS

3D Scanning



Design



3D Printing



Delivery

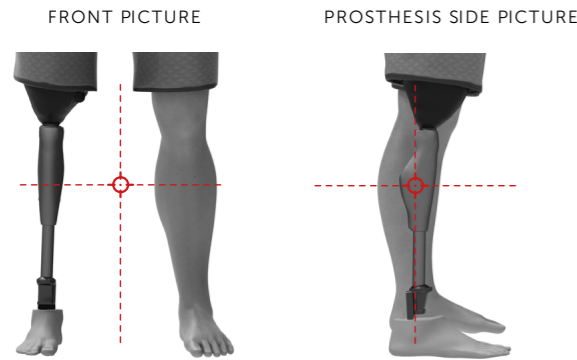


Online Ordering platform

Access to our e-commerce via www.unyq.com and send us the order details, 3D Scanning, photos and measurements. If you have questions, send an email to orders@unyq.com

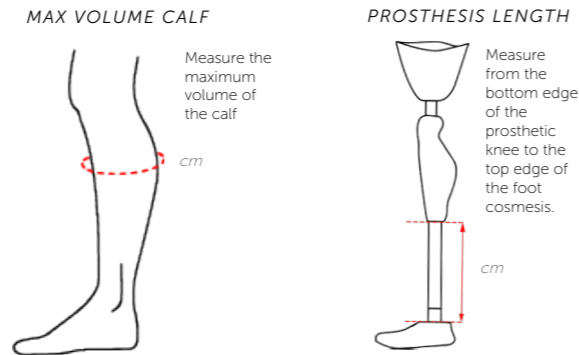
3D SCANNING

2 Photos

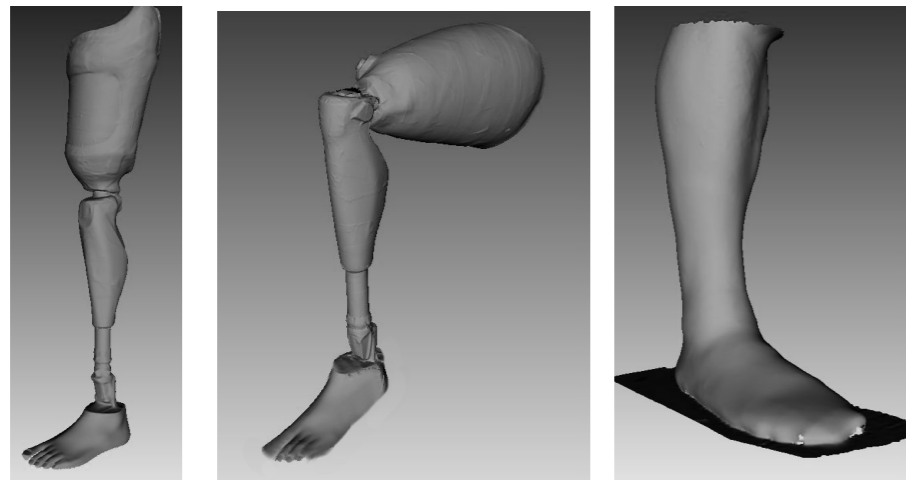


Take 2 photos of the user wearing the prosthesis, as shown in the images above. The camera must be placed perpendicular to the legs, from a low position, with both legs centered on the photo. Please remember that all prosthetic components must be completely visible, including the socket. Please remove shoes, socks and any object that cover the prosthesis.

2 Measurements



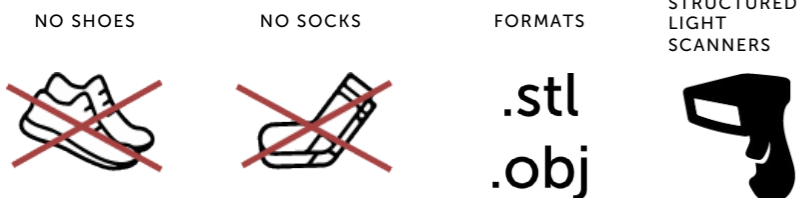
3 Scannings



Left: Complete prosthesis. Middle: Complete prosthesis sitting down. Right: Sound side of the user.

- All prosthetic components should be clearly visible on the scan, including the upper part of the socket in transfemoral prostheses. Please remove any item that covers the prosthesis (sock, foam, other coverings ...)
- No reflecting ground: Avoid problems with reflective material or dark areas. If your scanner does not receive information from these areas, cover the reflective parts with matte tape, tightly taped to the surface so that it does not create extra bulk. Or you can use Anti-Reflective powder spray for 3D Scanning.
- We recommend that the environment contrast in color with the prosthesis.
- Set the scanner to the highest resolution possible.
- Scan the complete prosthesis and the sound leg, with the patient standing up. You can scan both legs in the same file or do it separately.

HOW TO SCAN



SCANNERS RECOMENDATION

- Shining 3D Einscan Pro Series Hand Scanners
- Artec Structured Light Hand Scanners
- Creaform Hand Scanners
- Peel3d 3D Scanner
- 3D Systems / Cubify Sense
- Structure Sensor / Core
- Microsoft Kinect 3D Scanner
- Intel Infrared Sensor Scanners

SEND US THE FILES

Send us the 2 pictures, 2 measurements and 3 3Dscannings files (.stl) with the order details, through www.unyq.com or send and email to orders@unyq.com.

If you need further assistance please contact us at hello@unyq.com or US: +1 415 430 9676 EU:+34 854 85 60 92

TECHNICAL SHEET

PRODUCT NAME: UNYQ OneFit

PRODUCT DESCRIPTION: Protective personalized prosthetic cover for amputees, that provide an answer to the physical and psychological needs of each user.

PRODUCT IDENTIFICATION: UNYQ OneFit are easy to identify thanks to the brand logo engraved at the top part. Each cover is also engraved with an individual series number for each user. This makes easy to identify our product as well as personalize them.

TECHNOLOGY: 3D Printed

BENEFITS:

- Protection. Protects the prosthetic components against everyday bumps.
- Water resistant (the covers do not waterproof internal prosthetic parts).
- Hygienic and easy to clean surface

SIZE: Custom designed product, made to measure and personalized for each user's anatomy and prosthetic components.

PROSTHESIS: AK (For some specific prosthetic monocentric knees*).

OPTIONS: OneFit covers available in more than 20 designs, 35 colors, Matte/Gloss coating, and extras options.

WEIGHT: lightweight (avg. 800gr, depending on the user's anatomy)

ATTACHMENT SYSTEM: Magnets & Fast-Clamp / Screws & C-Clamp.

Fast and easy adjustments:

1. With 4 pairs of magnets (8 magnets in total) (19,6 - 23,5 Nm each pair).
2. With screws.
3. Dual Lock (Cover Socket)

MATERIAL AND BIOCOMPATIBILITY:

- 3D Firm covers in Polyamide (PA12): robust thermoplastic that creates high density pieces with a strong structure, ideal for complex assembling projects, covers and waterproof applications. Biocompatibility declaration: it meets USP Class I-VI and US FSA requirements for intact skin surface devices.

TEMPERATURE RANGE: -20° C to +50° (-5° F to +125° F).

MANUFACTURE: Manufactured by 3D printing in Spain by the company: UNYQ Design Europe, S.L. (B21539135).

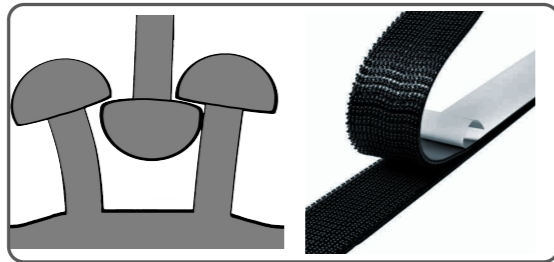
Our products do not carry CE marking as they are not medical devices according to article 2 of Royal Decree 1591/2009 of 16 October, as well as being custom-made.

WARRANTY: UNYQ covers have a 1 year warranty on the materials, as long as the cover has been used in everyday, medium impact activities. UNYQ prosthetic covers are not recommended for use in high impact or sporting activities. Paint is not included in the warranty. UNYQ does not accept returns based on shape, design or product volume. Please check our extended warranty terms.

*Currently available for C-Leg 4 Genium, Kenevo, 3R80 (Ottobock) ,Rheo/Rheo XC (Össur), Quattro (Proteor), prosthetic knees. Please check for other options.

ASSEMBLY Socket

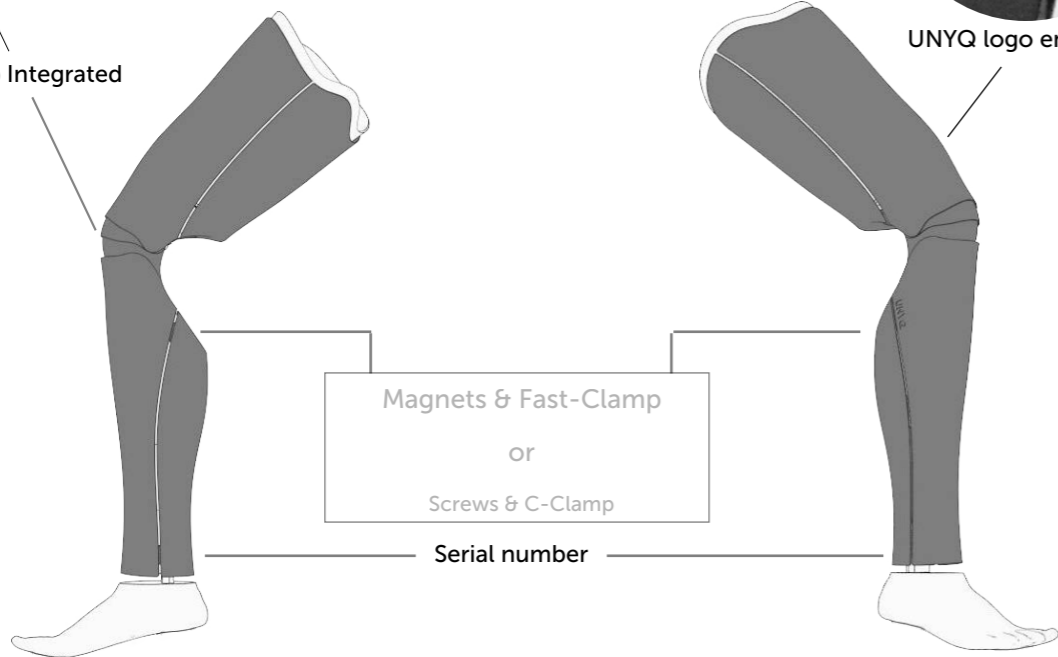
Dual lock



KneeCap Integrated



UNYQ logo engraved



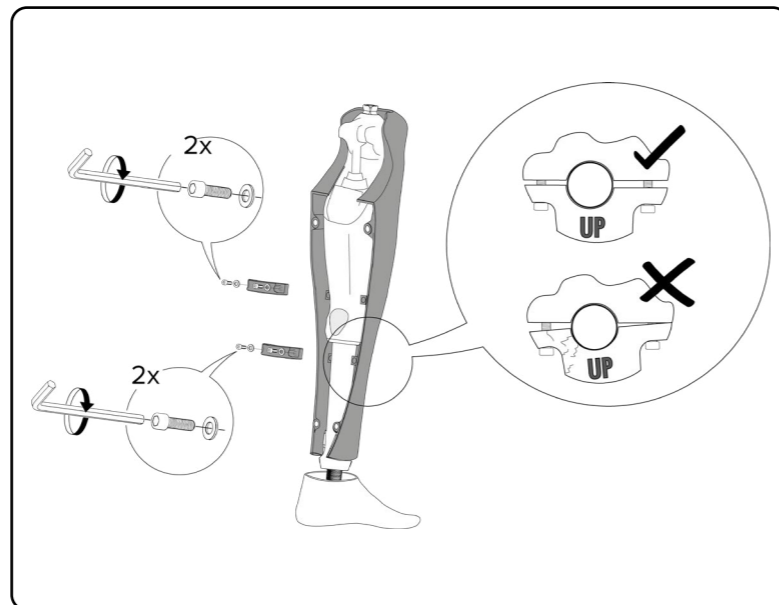
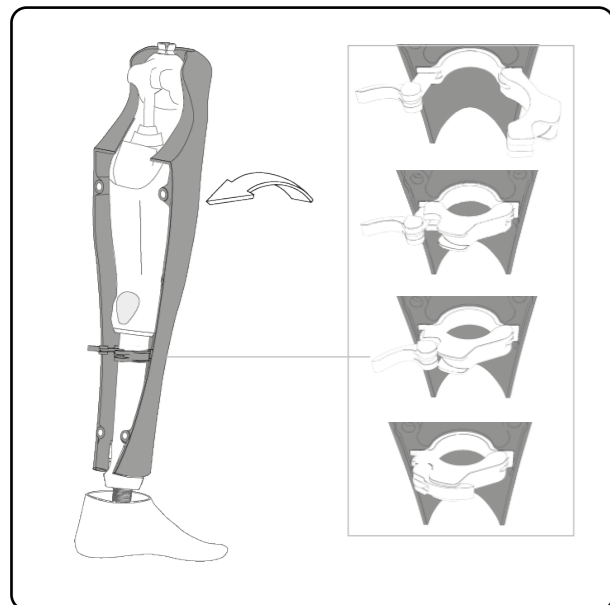
Magnets & Fast-Clamp
or
Screws & C-Clamp

Serial number

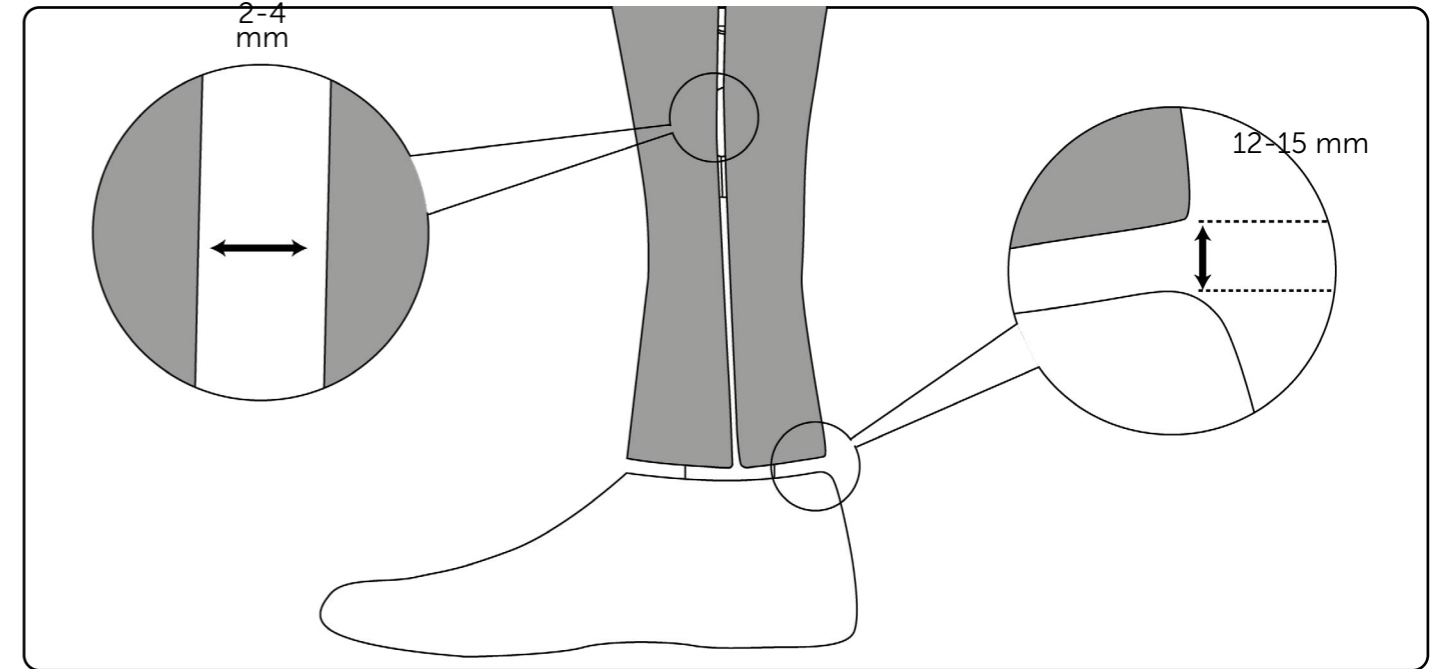
ASSEMBLY AK

Magnets & Fast-clamp

Screws & C-clamp



GENERAL SPECIFICATIONS

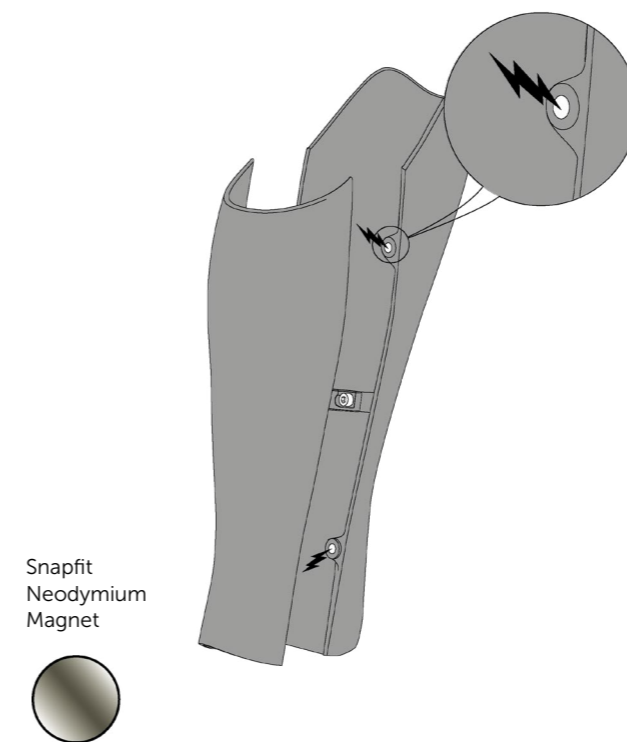


MAGNETS & FAST-CLAMP

Standard. Easy access

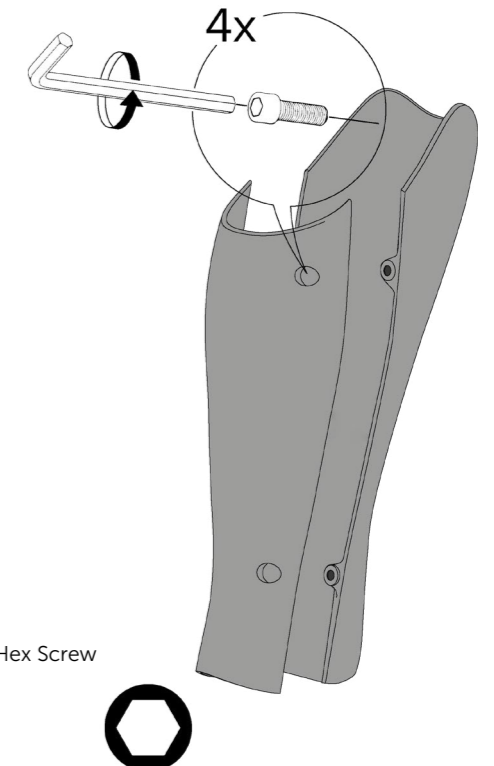
SCREWS & C-CLAMP

Water activities. Stronger attachment



Snapfit
Neodymium
Magnet

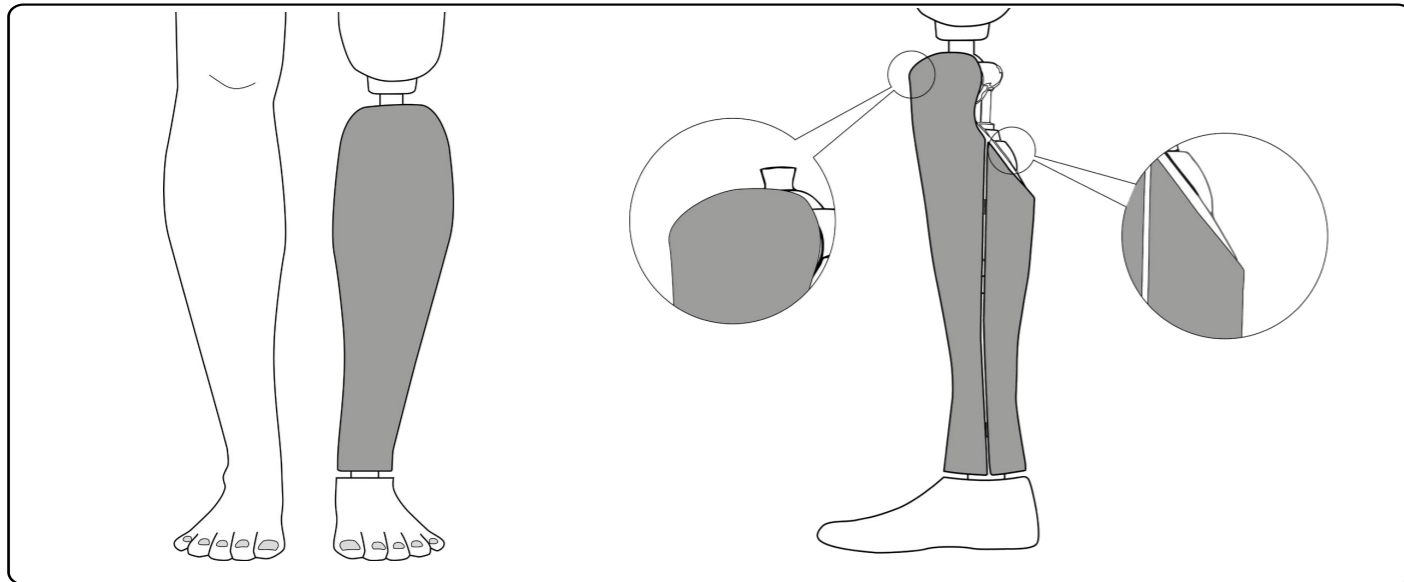
OR



Hex Screw

GENERAL SPECIFICATIONS

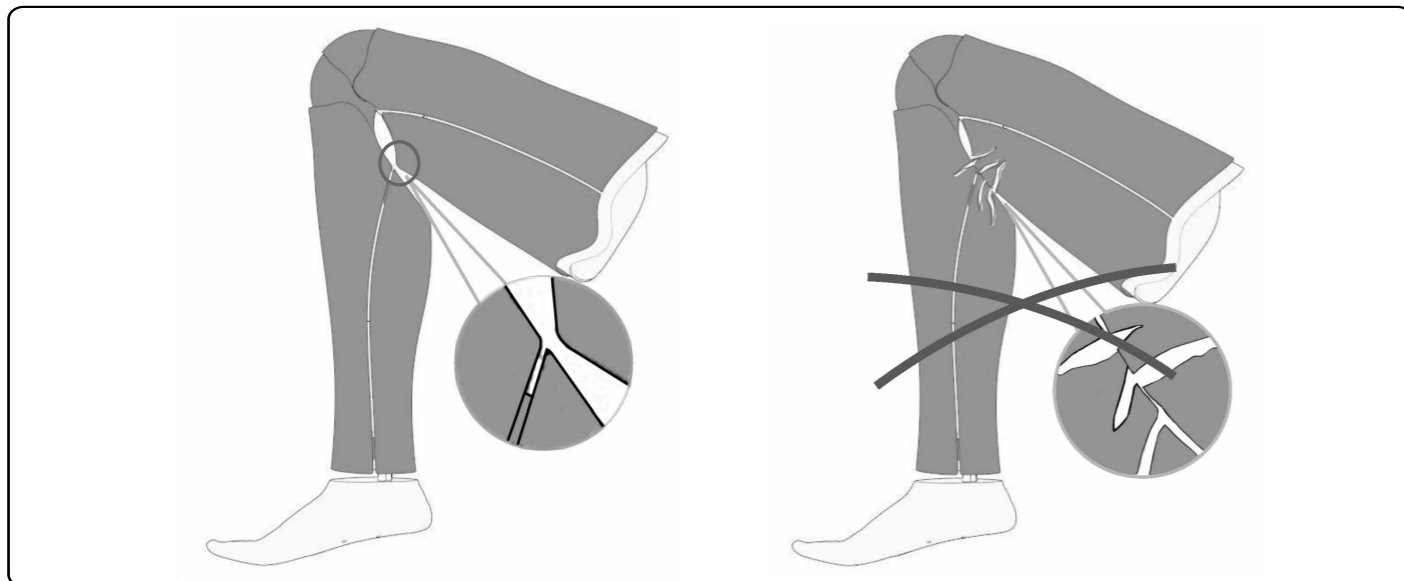
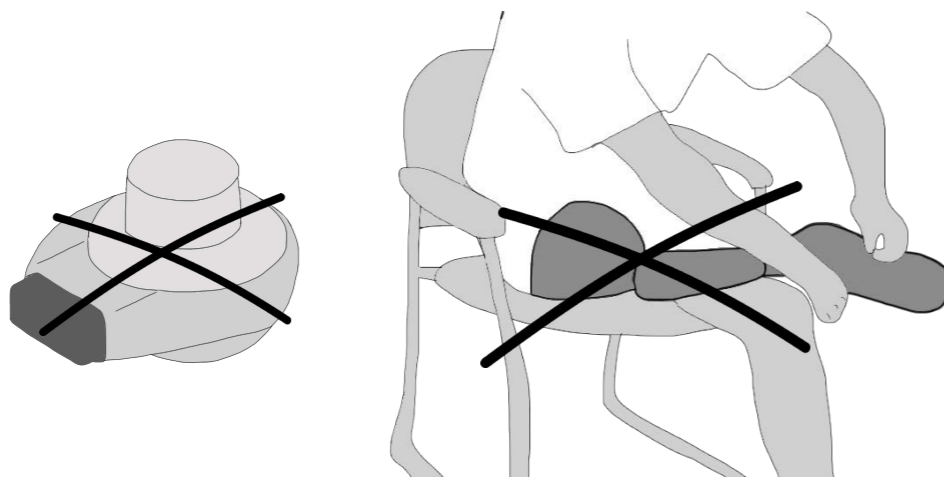
AK/TF - Transfemoral



OneFit

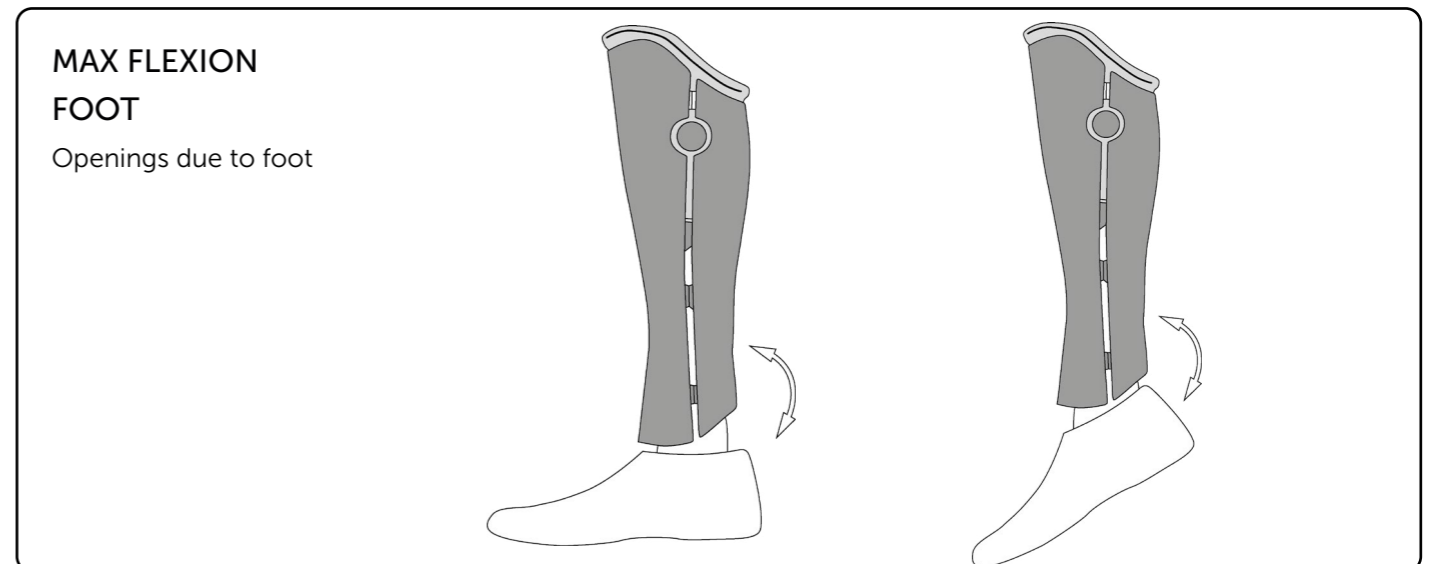
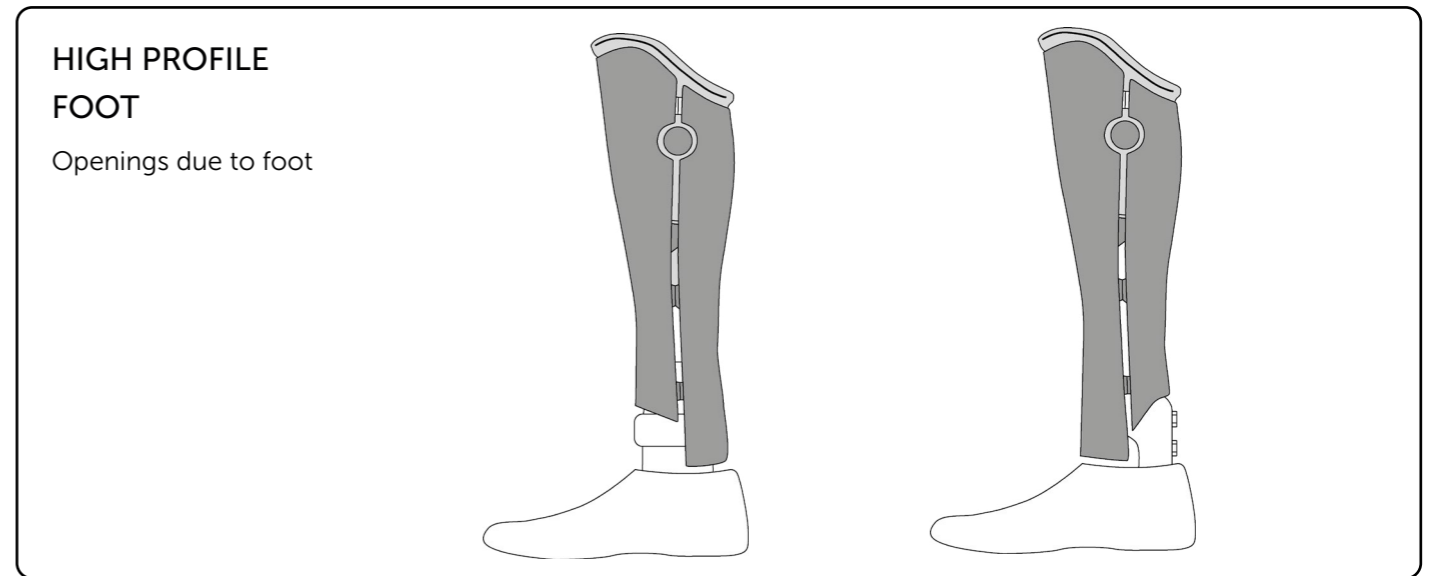
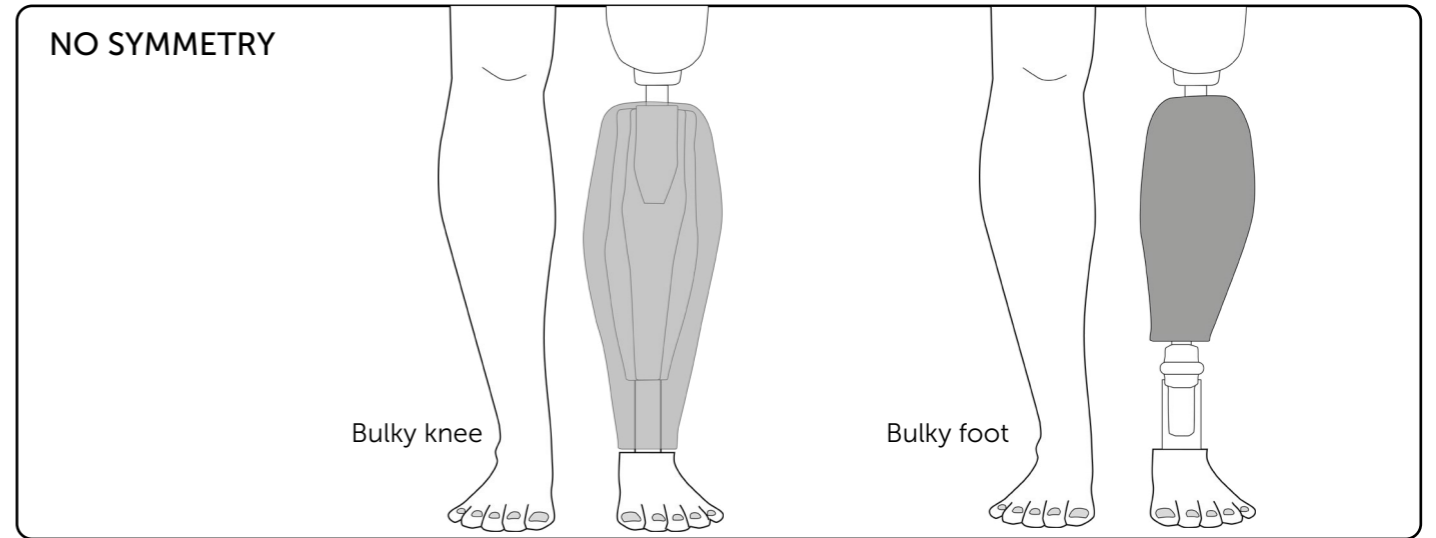
KNEE ROTATOR

Limited functionality wearing the OneFit

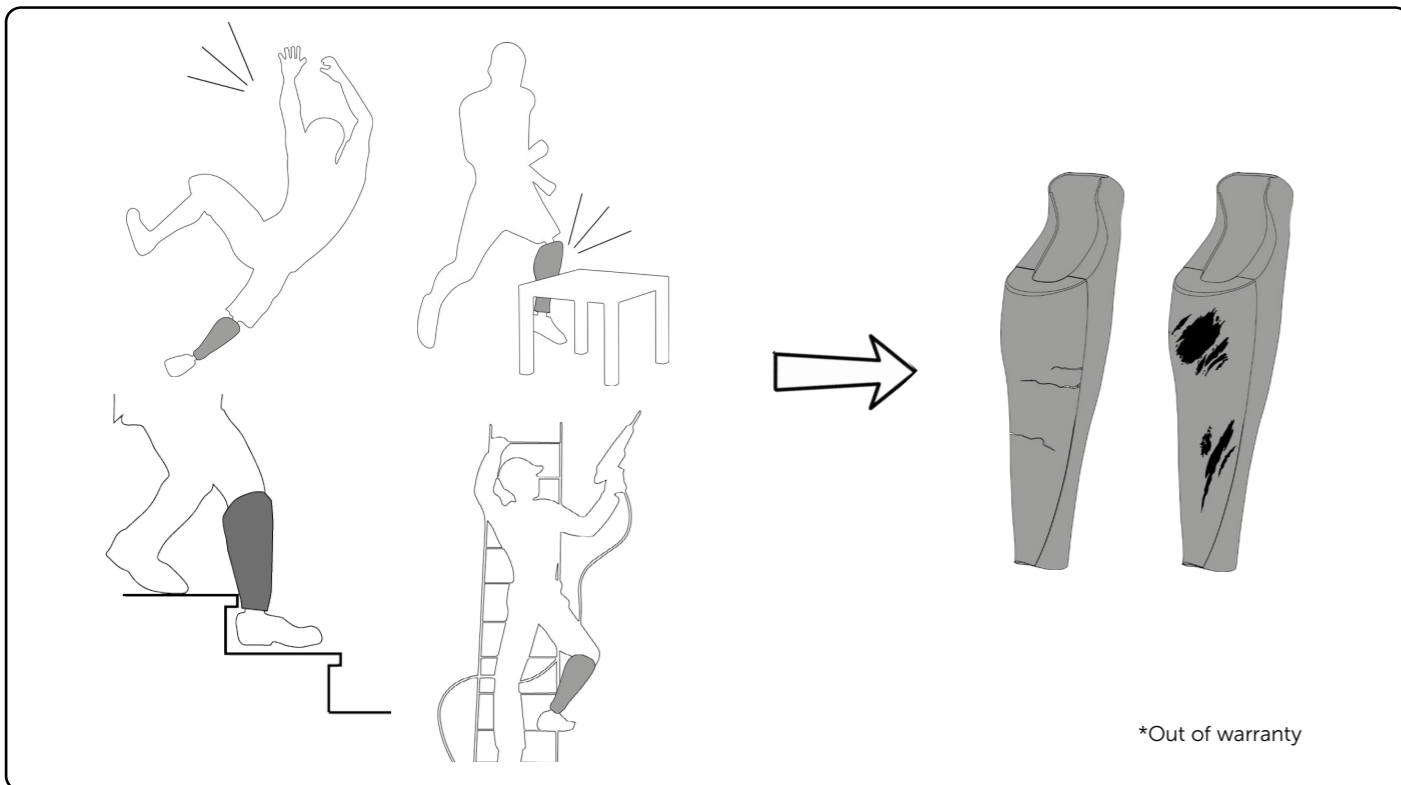
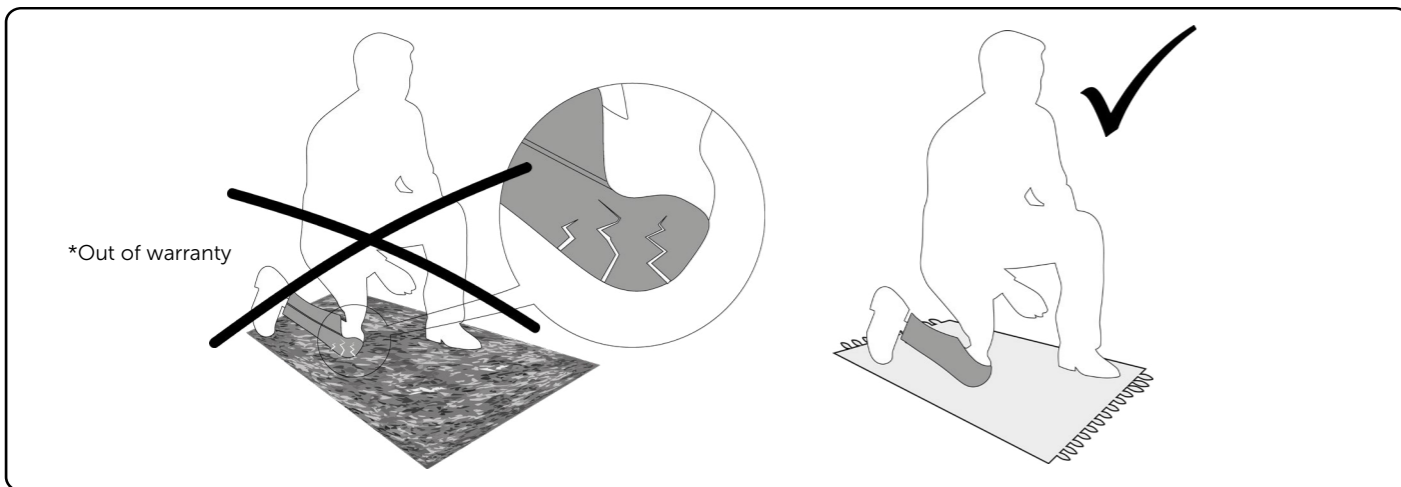
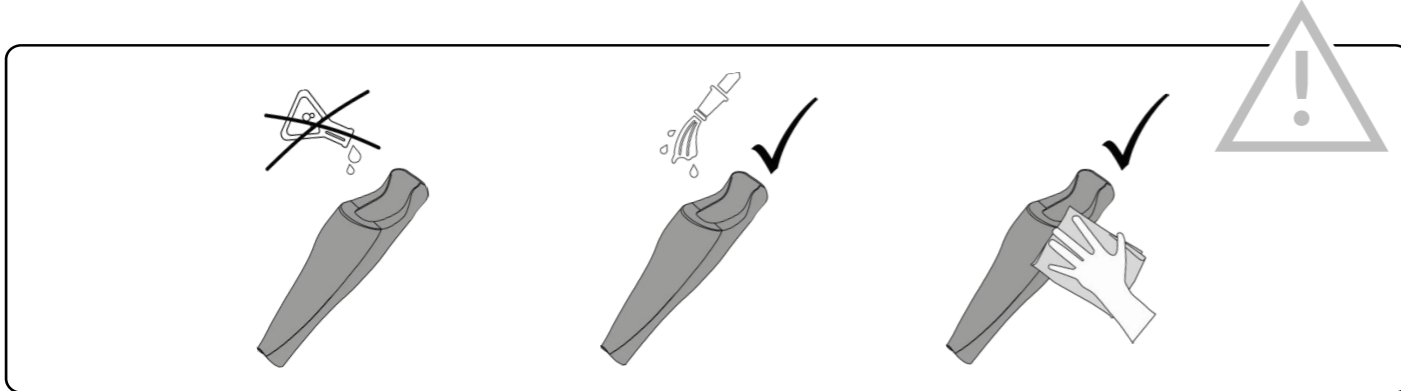


SPECIAL PROSTHETIC COMPONENTS

General



WARRANTY & CARE



WARRANTY & RETURN

UNYQ Covers have a warranty of 1 year for material when using it on moderate impact activities (walking, bathing, cycling, golf, dancing etc). UNYQ Covers are not recommended for use during high impact sports. Painting is excluded from warranty.

As each cover is uniquely designed to adjust to each prosthesis and to create symmetry with the sound limb, and UNYQ sends a preview of the finished product free of charge, we will not accept any returns due to shape, design or volume disagreements. If you have a patient with special requirements, please contact our Customer Support Team for options. We highly recommend reviewing this technical guide for a full understanding of how our covers integrate with your patient's prosthesis. For enquiries about repairs out of warranty, please contact our Customer Support Team for more details.

DISCLAIMER

Changes on the prosthesis components and alignment after the scanning will affect to the correct functions of the UNYQ OneFit Cover.

The UNYQ OneFit cover may have small gaps and spaces regarding tolerances and functionalities (Range of 2-5mm, as shown in this Technical Guide)

Modifications could be made by the technician in order to accommodate the UNYQ OneFit Cover to the prosthesis, but always need to be in contact to UNYQ Customer Service before any changes are made.

Finishing options may be slightly different from the pictures shown in your device (phone, tablet, laptop...) to the final product when delivered.

UNYQ[®]
like no other

UNYQ.COM

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