

UNYQ[®]

TECHNICAL GUIDE

CustomFit Covers



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UNYQ CustomFit Covers, our custom-shaped prosthetic covers for lower limb amputees, offer your patient a new and creative level of personalization for their prosthesis, as well as being easy and convenient for you to order.

Using advanced 3D printing technologies, UNYQ matches the shape of your patient's sound limb anatomy and works with all prosthetic components. You can have them made in Polyamide (3D Firm) or TPA (3D Flex) depending on how active the patient is. These covers are very light, most of them weigh less than 500grams.

- **CUSTOM SHAPE** FOR EACH USER AND PROSTHESIS
 - **PHOTOS & MEASUREMENTS** REQUIRED
 - ORDERING THROUGH **UNYQ APP** OR **WEBSITE**
 - AVAILABLE FOR **AK** AND **BK** PROSTHESIS

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.

3D Flex

TPA or Thermoplastic Polyurethane is a kind of plastic used as a replacement for hard rubber. It's extremely flexible, durable and smooth to the touch. It allows to design lightweight covers with a more durable performance, which suits best the more active users. After printing, each cover is hand polished and painted with a high quality finishing in black.

DELIVERY	3 weeks	4 weeks
TYPE	AK / BK	AK / BK
MATERIAL	PA 12	TPA
ATTACHMENT	Magnets & Fast-clamp / Screws & C-clamp	Magnets & Fast-clamp / Screws & C-clamp
DESIGNS	All	10 selected designs
COLORS	All	Selected colors
COATING	Matte or Gloss	Satin or Gloss
EXTRAS	Knee protector (AK) Engrave Vinyl	Engrave (Selected designs)

ATTACHMENT



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.

EXTRA OPTIONS



Knee protector

Hard plastic protector made in textured polyamide, matching the main color of the cover. Only for CustomFit 3D Firm TF covers. Available for designs: Swan, Camellia, Crystal, Brizz, Natura, U, Circuit, Flow, Galaxy, Next, Odissey, Rivet, Wave.



Vinyl

Coloured adhesive image. Only for CustomFit 3D Firm covers. Available for 3D Firm covers: Rako, Swan, Crystal, Brizz, U, Flow, Galaxy, Next, Odissey, Ribbons, Rivet, Trooper, Wave.



Engraving

3D printed image on the cover's surface. Only for CustomFit (3D Firm & 3D Flex). Available for designs: Rako, Swan, Crystal, Brizz, U, Flow, Galaxy, Next, Odissey, Ribbons, Rivet, Trooper, Wave.

ORDERING PROCESS

UNYQ App

Available for iOS devices. UNYQ App guides you during the process and allows you to directly send us the order details, photos and measurement.

Online Ordering platform

Access to our ordering forms in PDF and send us the order details, photos and measurements through email to orders@unyq.com

TECHNICAL SHEET

PRODUCT NAME: UNYQ Cover (CustomFit 3D Firm / 3D Flex)

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

PRODUCT IDENTIFICATION: UNYQ Covers 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 / BK (for any prosthetic components).

OPTIONS: 3D Firm covers available in more than 20 designs, 35 colors, Matte/Gloss coating, and extras options. 3D Flex covers available in 10 different designs in selected colors.

WEIGHT: lightweight (avg. 500gr, 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.

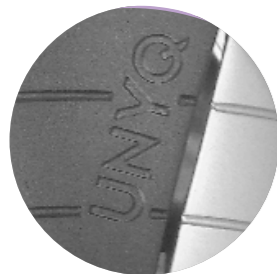
MATERIAL AND BIOCOMPATIBILITY:

- **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.
- **3D Flex covers in TPA:** Flexible thermoplastic polyurethane with high density and stability. Ideal for activities that require impact resistance and some flexibility. Biocompatibility Certifications: Complies with ISO10993-5 and ISO10993-10 guidelines for intact skin surface devices.

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

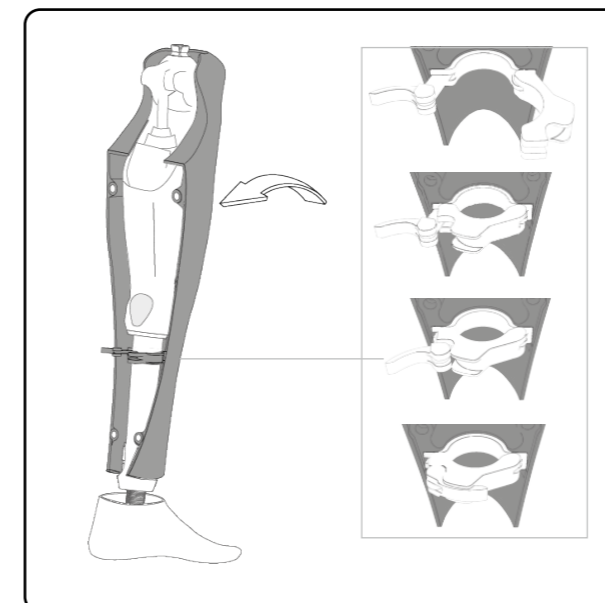
MANUFACTURE: Made in Spain by UNYQ Design Europe, S.L. (B21539135)

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.

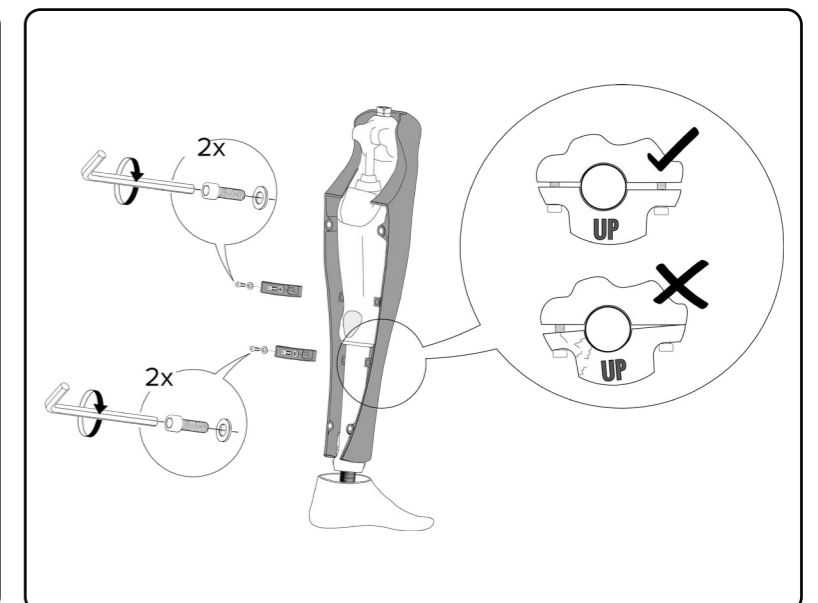


ASSEMBLY

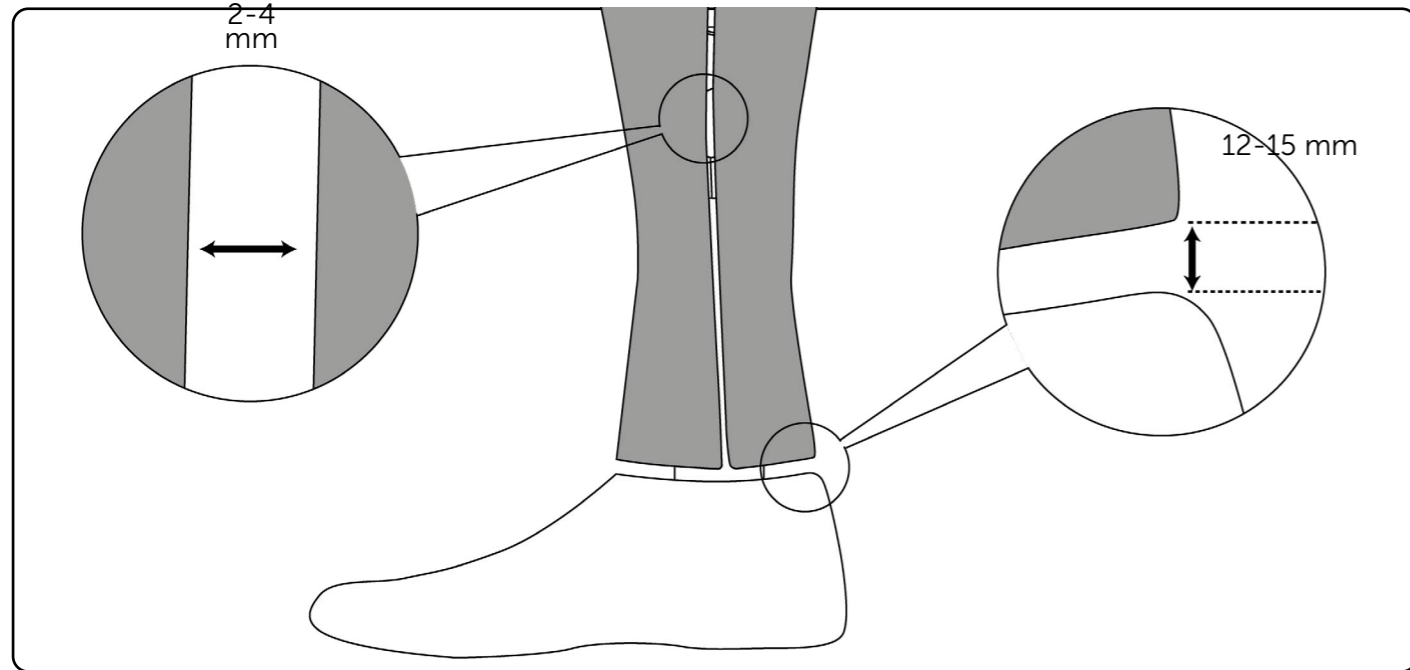
Magnets & Fast-clamp



Screws & C-clamp



GENERAL SPECIFICATIONS



MAGNETS & FAST-CLAMP

Standard. Easy access

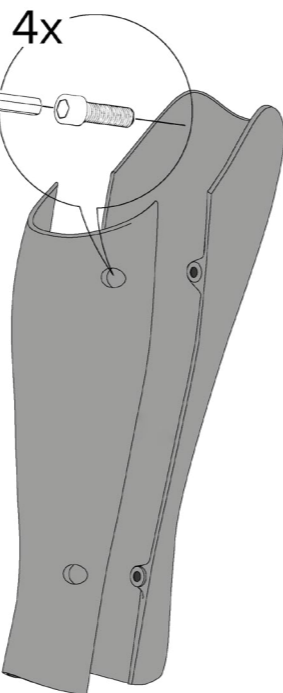
SCREWS & C-CLAMP

Water activities. Stronger attachment

OR

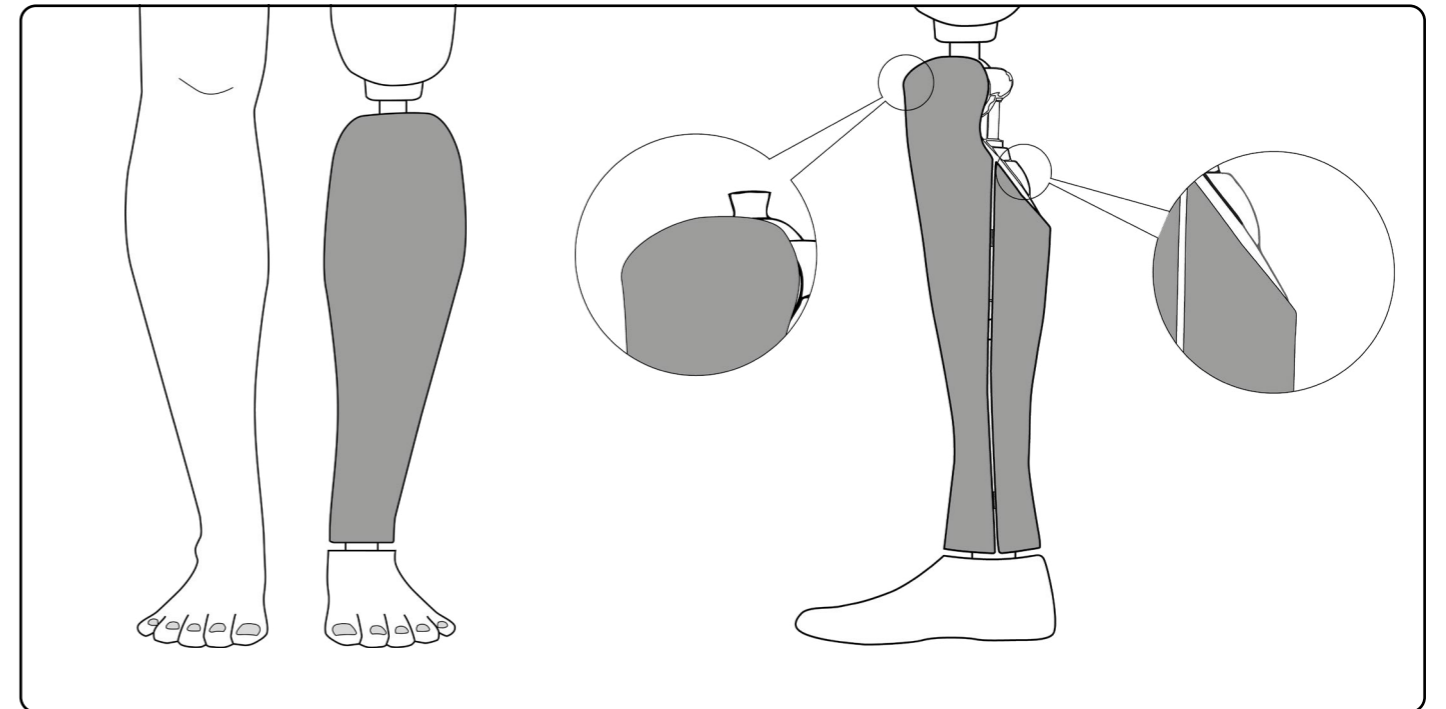
Snapfit
Neodymium
Magnet

Hex Screw

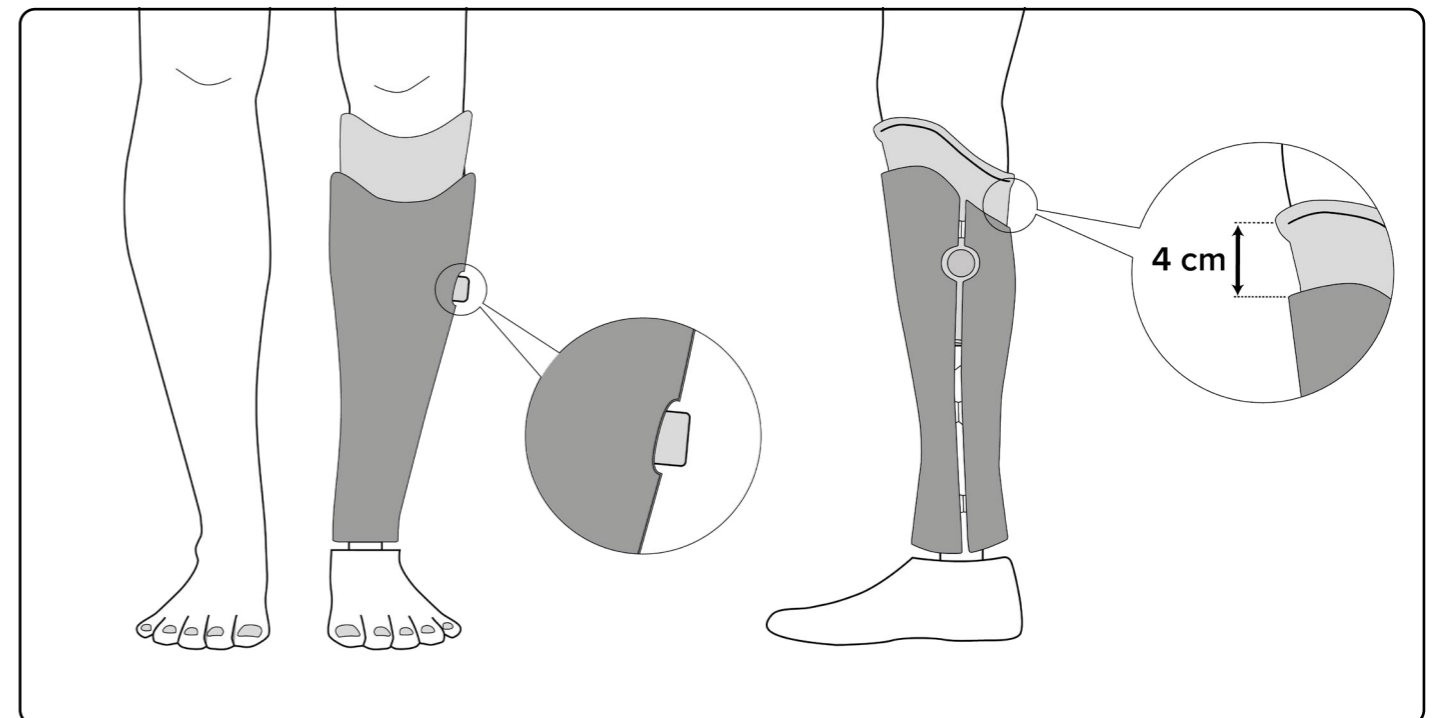


GENERAL SPECIFICATIONS

AK/TF - Transfemoral

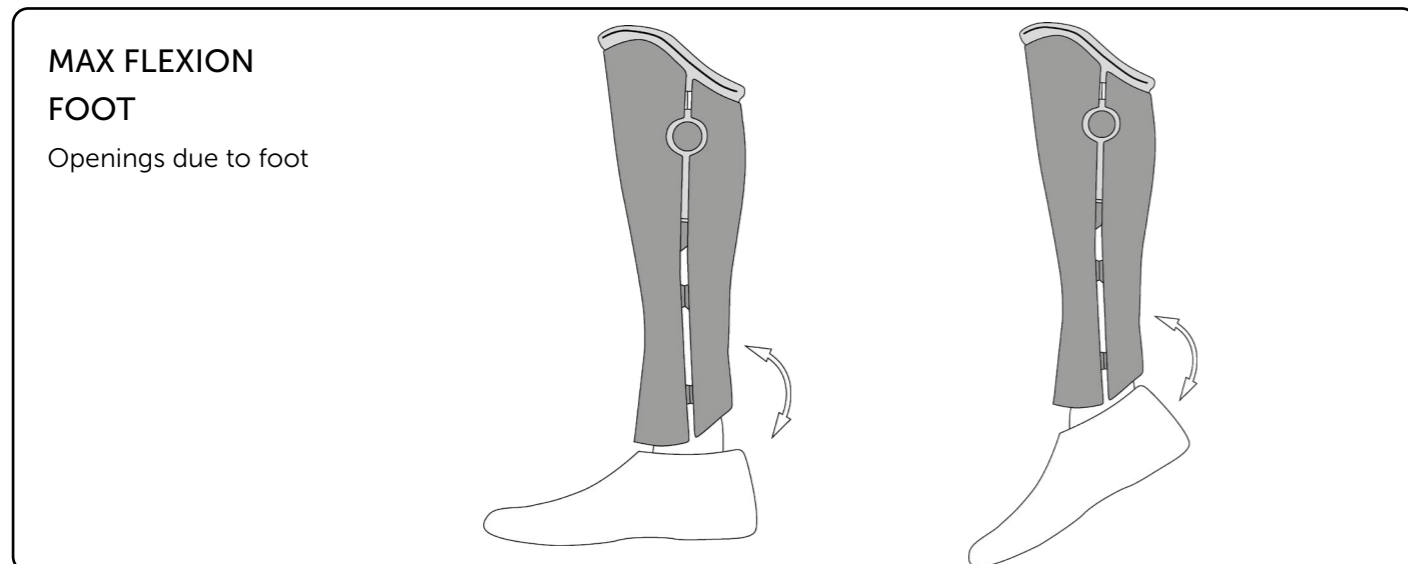
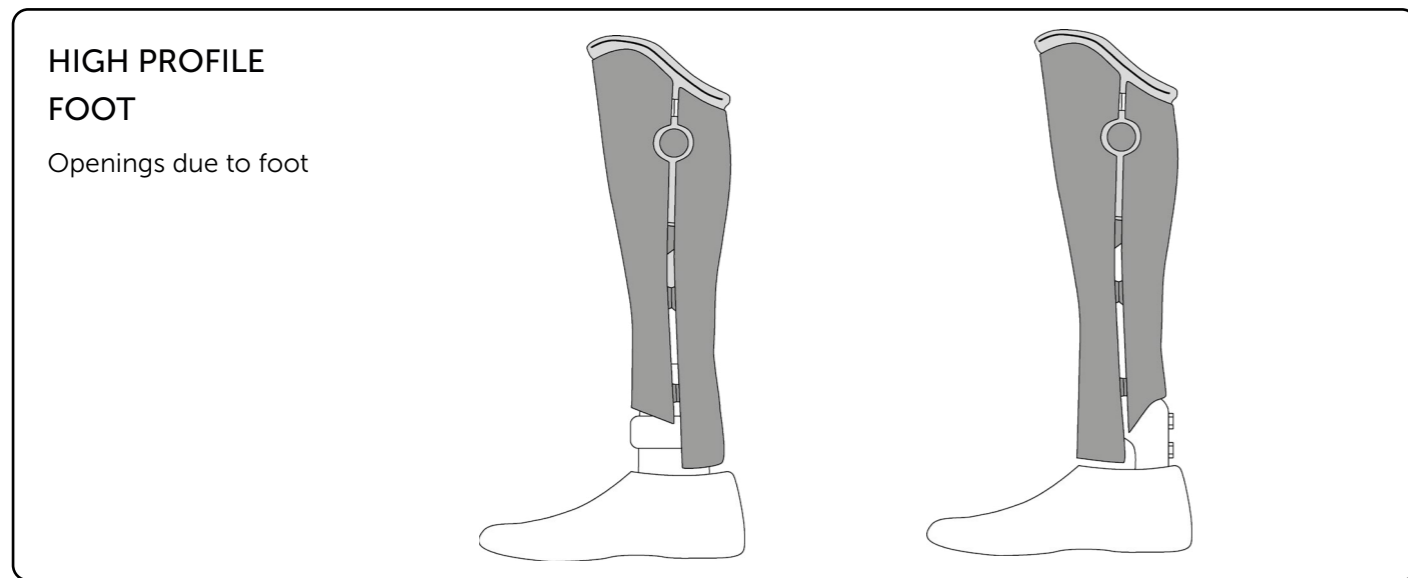
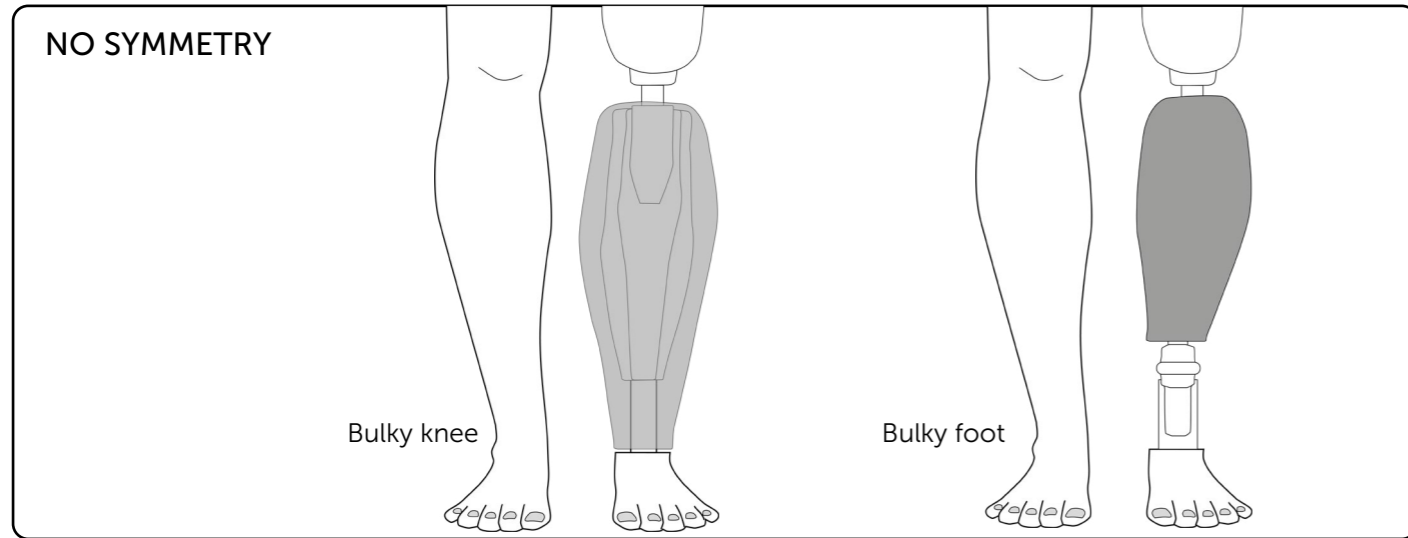


BK/TT - Transtibial



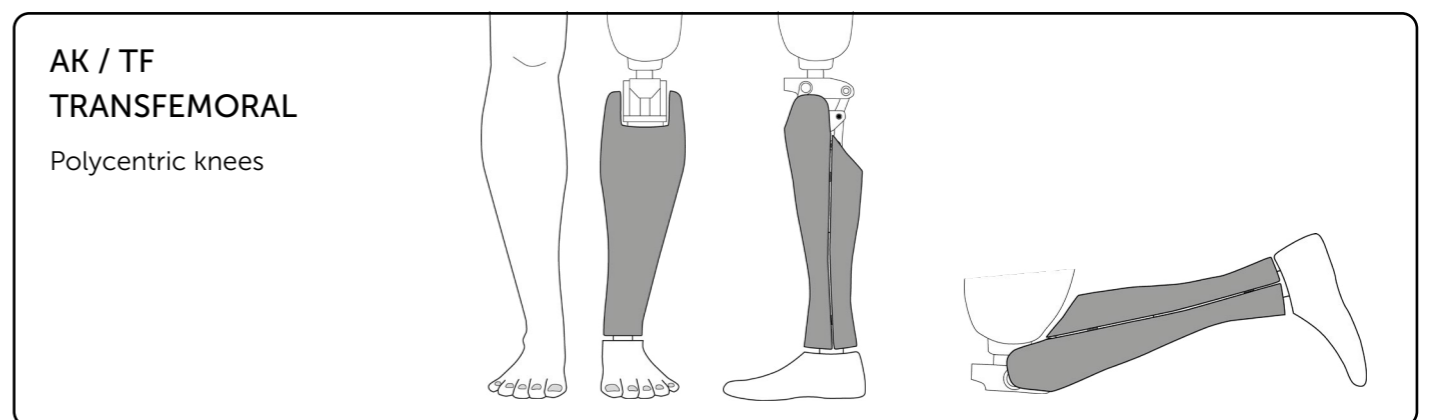
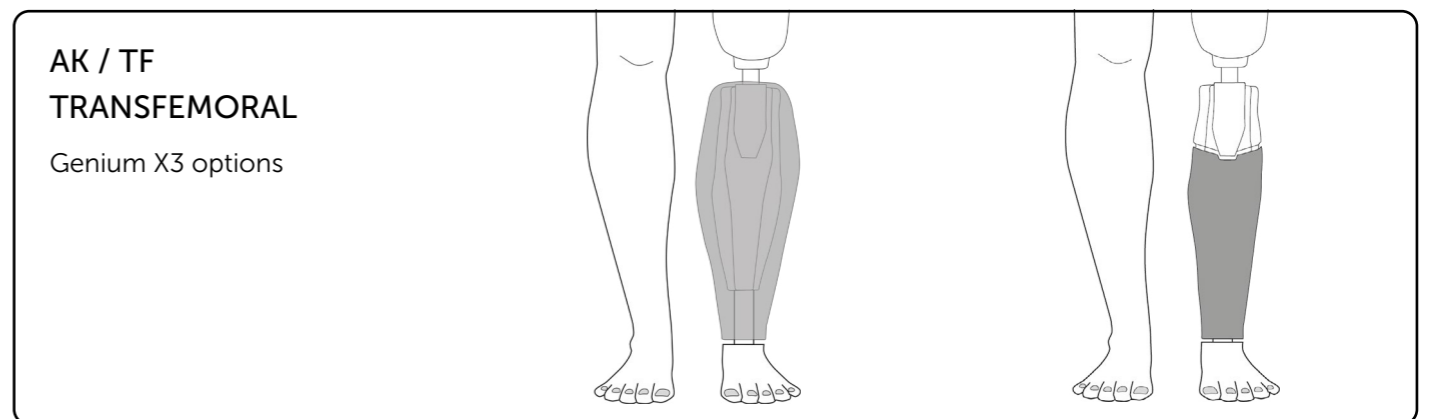
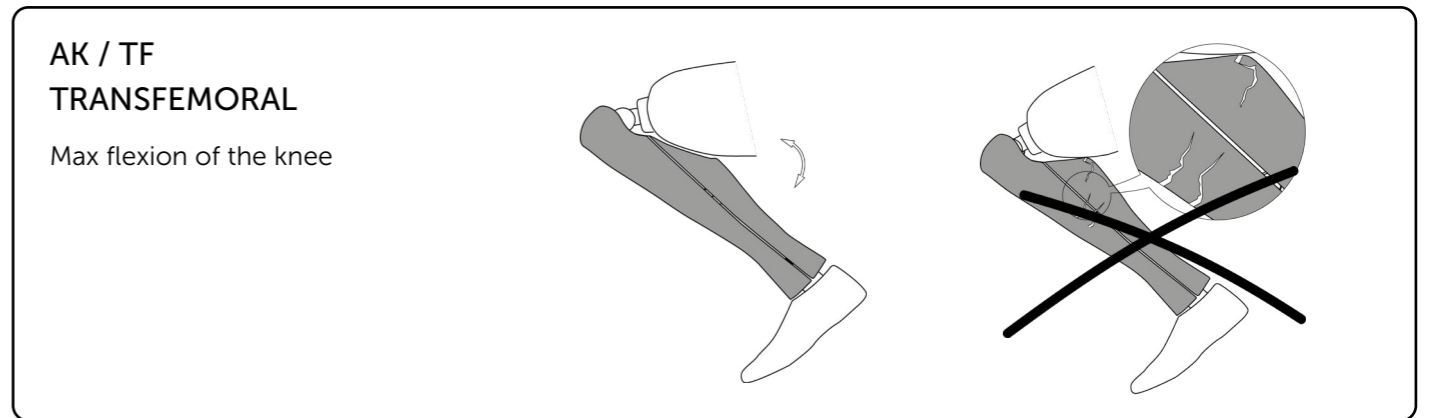
SPECIAL PROSTHETIC COMPONENTS

General

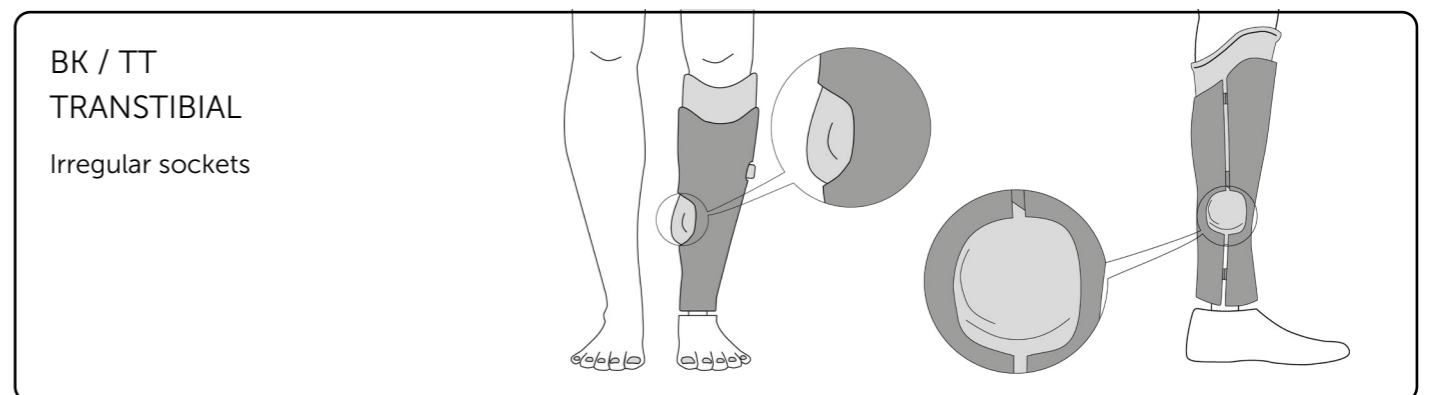


SPECIAL PROSTHETIC COMPONENTS

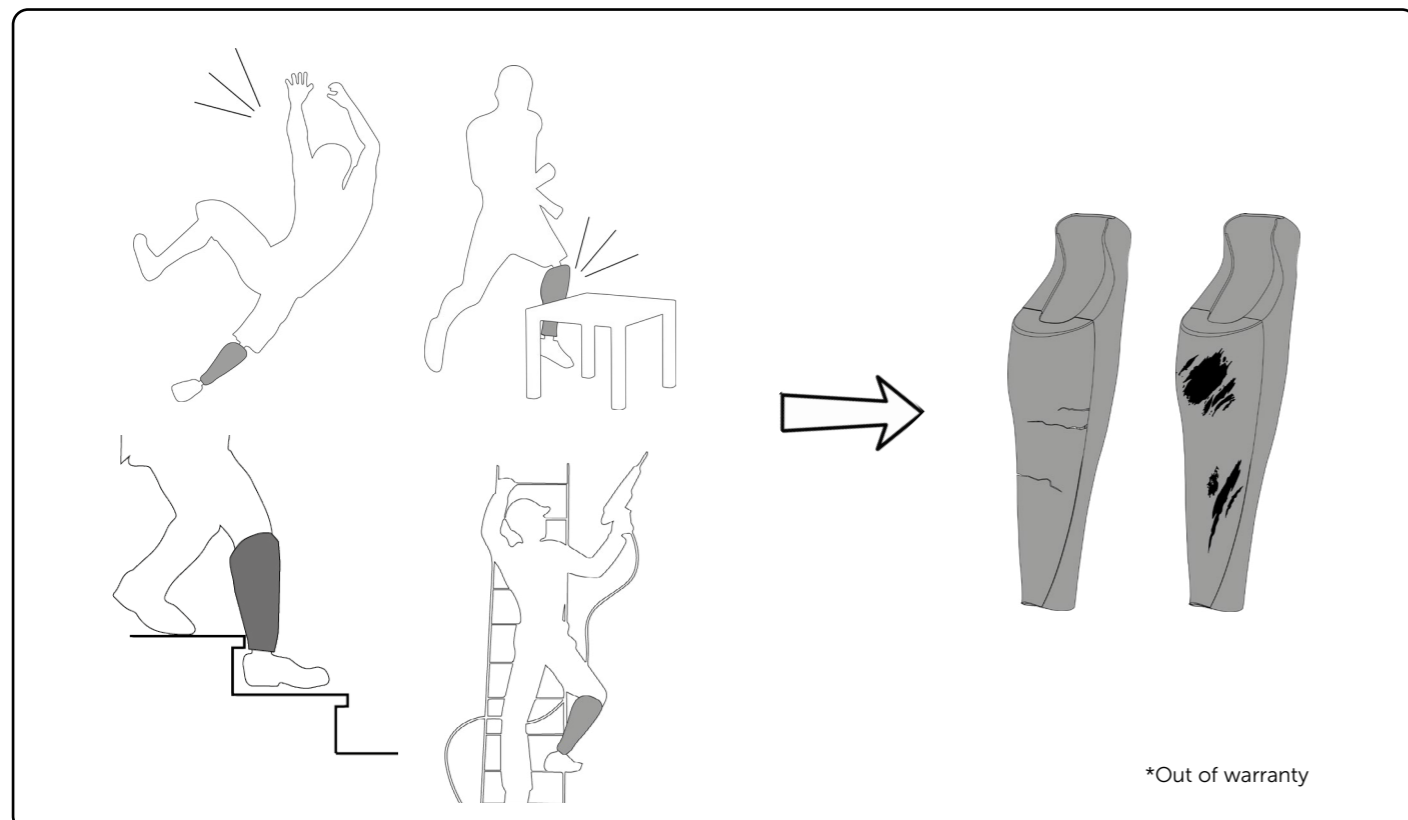
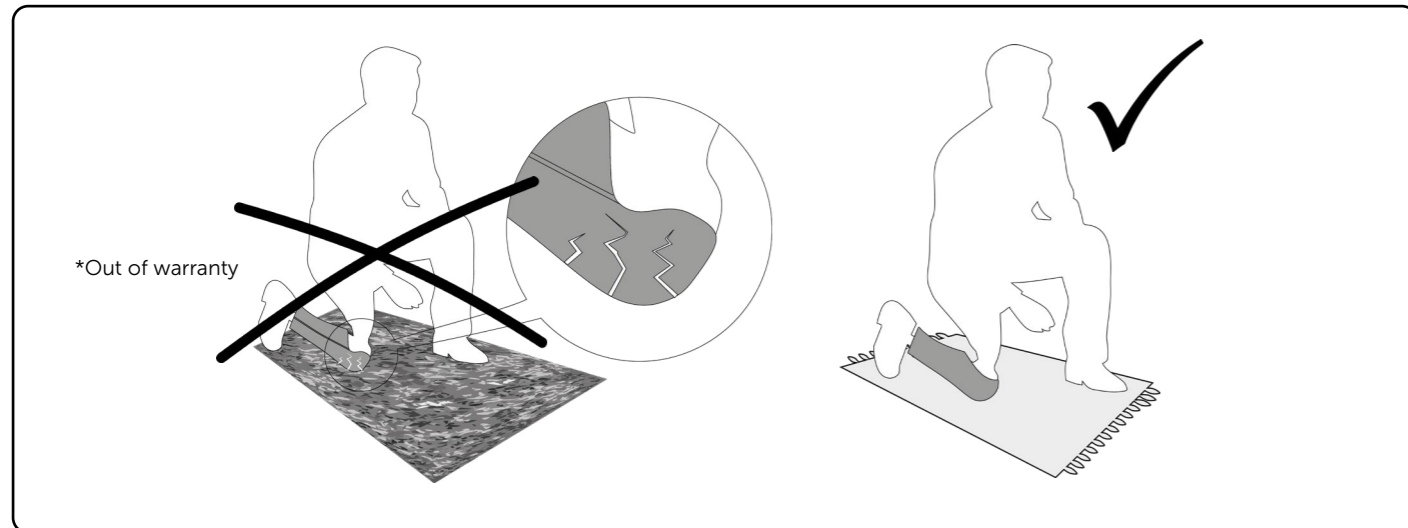
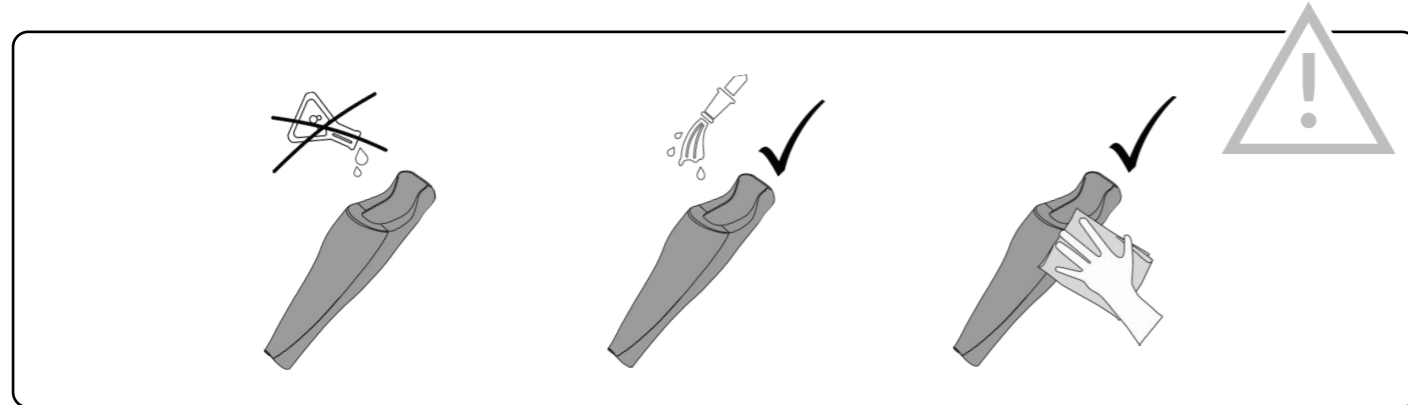
AK/TF - Transfemoral



BK/TT - Transtibial



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.

UNYQ.COM

hello@unyq.com
orders@unyq.com

+1 415 430 9676
+34 854 85 60 92