



# How to fit the **ALX**

A step-by-step guide to fitting the ALX for users with below-elbow or through-wrist limb differences or amputations.

# Let's get started!

## How to fit the ALX

This guide is here to help you confidently fit a Koalaa sleeve. Inside, you'll find clear, step-by-step instructions on how to correctly fit the ALX to a user, attach and swap out tools, and make simple adjustments to ensure a comfortable fit.



// **Fitting kids, adults, and anyone who needs a Koalaa is truly one of the things I enjoy the most!**

It's an incredible feeling to see their faces light up when they try it on for the first time — being part of that moment, that change in their lives, is something I'll never take for granted.

**Maria**

ALX Wearer & Fitter

## Need help? Reach out to our support team

At Koalaa, we're committed to making it easy for clinicians to get the support they need. Whether you have questions about measurements, fitting, ordering, or anything else related to our products and services, our team is here for you. Just get in touch, we're always here to help.

[hi@yourkoalaa.com](mailto:hi@yourkoalaa.com)

[+44 \(0\) 7482 165 098](tel:+44207482165098)

[@KoalaaCommunity](https://www.instagram.com/KoalaaCommunity)

[www.yourkoalaa.com](http://www.yourkoalaa.com)



## We're with you every step of the way!

From the moment your clinic receives the ALX, we're here to support you every step of the way. Whether you're fitting it for the first time, guiding a user through their early days, or exploring activity-specific adaptations, our team is on hand to help. As your patients grow in confidence, we'll continue to support you with training, fitting resources, and access to our full range of tools and sleeves, ensuring you have everything you need to provide the best possible care.



### Scan Me!

Scan the QR code to access useful links and to find out more information on our range of sleeves and tools!

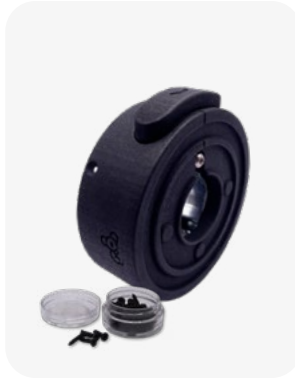
## What you need to fit an ALX

Below is a list of everything you'll need to fit an ALX. Make sure you have all items ready before you begin, and follow the instructions step by step to guide you through the fitting process.



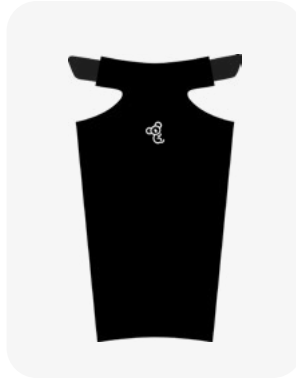
### ALX Blank

Available in 4 sizes: The blank is the backbone of the ALX, providing structure and support



### ALX Dock + Screws

Available in 3 sizes: The dock is the wrist unit that connects tools to the sleeve



### ALX Cover

Available in 4 sizes and a variety of colours and patterns: The ALX cover adds style and an extra layer of protection



### Inner Foam Pack

The inner foam sits inside the ALX, keeping the limb secure and comfortable



### Support Straps

Velcro straps provide extra support wherever needed on the ALX, adjustable and easy to use



### ALX Tools

Choose from our range of functional tools to explore a wide variety of activities and tasks

## What you will find in your ALX fitting kitt



**3x ALX Blanks**  
Small, Medium, Large

**3x ALX Docks**  
Small, Medium, Large

**3x ALX Covers**  
Small, Medium, Large

**7x ALX Tools**  
Janet, Kitty, Amy,  
Rushton, Sarah, Nicole,  
Grace

**3x Tool Foams**

**3x Inner Foams Sets**

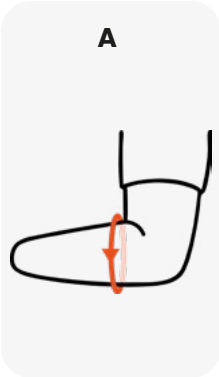
**9x Support Straps**

Fitting Equipment



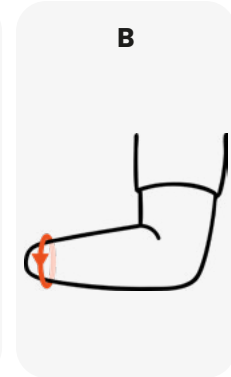
Measurements required for fitting the ALX

A



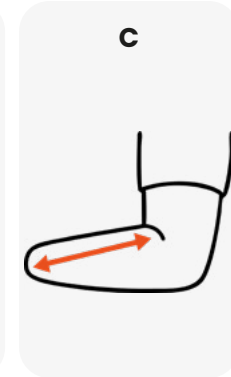
Measure the circumference of the **widest** part of the limb

B



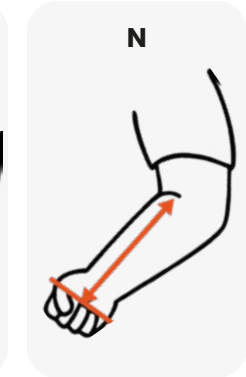
Measure the circumference of the **narrowest** part of the limb

C



Measure the length from the **crook of the elbow** to the **end of the limb**

N



Measure the length of the opposite arm from the **crook of the elbow** to the **middle of the palm**

Blank Sizing Chart

Use **measurement A** to select the appropriate size

Measurement A	Blank size
14cm - 18cm	Small Blank
19cm - 24cm	Medium Blank
25cm - 32cm	Large Blank
33cm - 41cm	X-Large Blank



Scan for our online sizing calculator

Enter the user's limb measurements, and the calculator will determine the correct blank and dock size

Dock Sizing Chart

If fitting as **full** length use **measurement N - 1cm** to determine dock size for the chosen blank

If fitting as **limb** length use **measurement C + 7cm** to determine dock size for the chosen blank

Blank Size	Small Dock	Medium Dock	Large Dock
Small Blank	11cm - 31cm		
Medium Blank	25cm - 37cm	17cm - 25cm	11cm - 17cm
Large Blank		29cm - 37cm	11cm - 29cm
X-Large Blank			17cm - 37cm

Fitting the ALX blank



Choose one of the four blank sizes that best fits your user



Slide the blank on, ensuring it's not too small (arm shouldn't pop out)



Make sure it's also not too large (no excessive overlap)



Check it fits securely and comfortably



Angle the arm at 90° so the elbow sits nicely inside the elbow cuff



Line up the elbows either in front or on a flat surface

## Cutting the ALX blank to full length

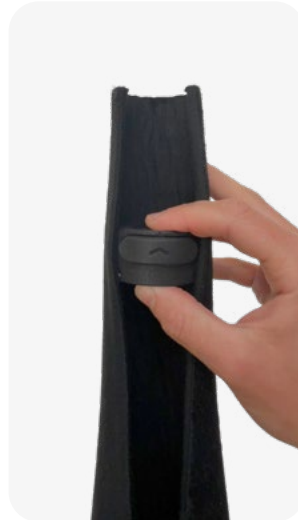


### Example of a full length ALX

How to cut the blank for full length to match the opposite arm



Take one of the dock sizes



Slide the dock into the blank, positioning it near the end



Line up both arms and slide the dock up or down to match the opposite arm's wrist

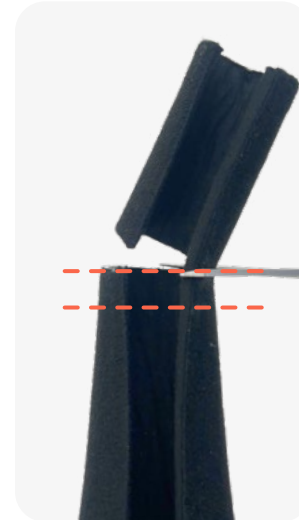


When you're happy with the placement, mark at the bottom of the dock with a chalk pencil



Add an extra 1 cm above the mark to make room for any error when cutting

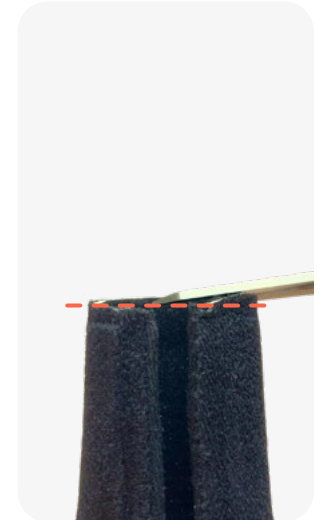
## Cutting the ALX blank to full length



Start by cutting along the furthest line using scissors

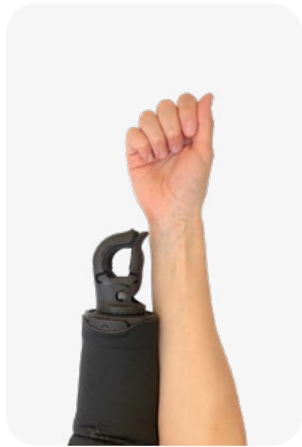


Place the dock on the end to check the alignment



If needed, trim a little more to achieve the correct length

## Cutting the ALX blank to limb length



**Example of a limb length ALX**

How to cut the blank for limb length



Take one of the dock sizes



Place the dock inside the blank at the end of the users limb



Ensure there's about a 1cm gap between the limb and the dock



You can fill this space with soft foam for added comfort



When you're happy with the placement, mark at the bottom of the dock with a chalk pencil

## Cutting the ALX blank to limb length



Add an extra 1 cm above the mark to make room for any error when cutting



Cut along the furthest line with scissors



Then trim back to the first line to tidy up and ensure the cut is straight

## Fitting the ALX dock



With a small blank choose a small dock, regardless of sleeve length



With a medium blank choose a dock size based on sleeve length



With a large blank choose a dock size based on sleeve length



With an X-large blank choose a large dock, regardless of sleeve length



To check your dock is the right size, make sure there isn't a large gap when fitted



Ensure the gap is not wider than the button, and that all four screw holes align fully over the blank

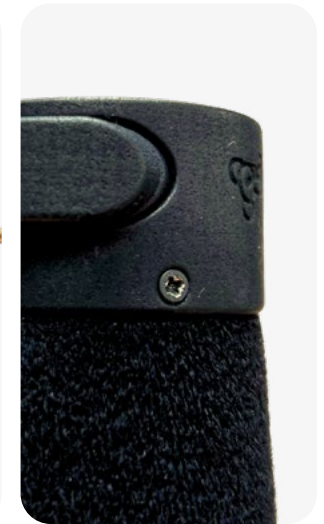
## Fitting the ALX dock & inner foam



The dock has a recess inside, push the blank firmly inside the dock



Screw in all four screws around the dock, making sure each one is secure



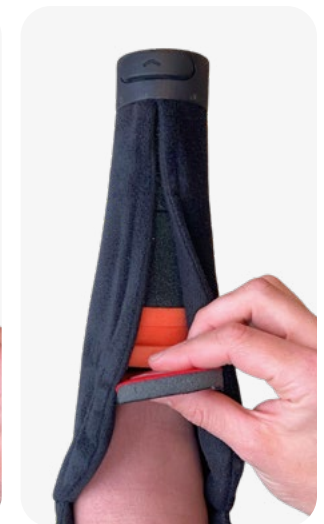
Screw straight so they sit flush with the dock



To add the inner foam, start with the dense black foam near the dock



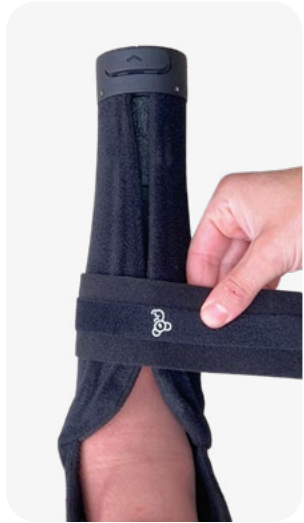
Build up with the orange foam to get close to the user's limb length



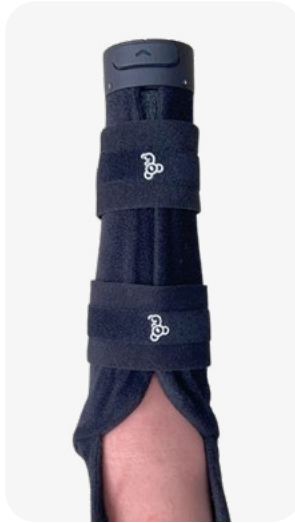
Finish with the soft foam at the end for comfort



## Fitting the ALX support straps



You can adjust the tightness of the sleeve using the support straps



Add as many as needed, in whatever placement provides the most comfort and stability



Separate the Velcro from the support strap and trim if required



For users with a shorter limb, cross one strap over the top section



Then add another strap in the opposite direction for extra hold



This will help them feel secure and comfortable

## Fitting the ALX cover



To finish the sleeve, drape the matching-size cover over the blank



Roll back the excess to the desired length



Mark where you'd like to cut using the chalk pencil



Trim along the line, making sure the cut is straight



Wrap the cover neatly back around the sleeve using the Velcro strips



You can trim the cover length to match the sleeve as needed



## Fitting the ALX tools



Now it's time to add the tool. Push the tool firmly into the dock



The tool will rotate, so position it as needed for the user's activity



Push the button up to lock it in place, making sure the lines on the tool and dock align



To release the tool, press the button down



Swap in and out any of our different tools from the range



Each is designed for a different activity, so you can easily clip in and go!

## Range of ALX tools

### The Janet



### The Kitty



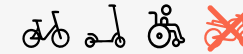
### The Amy



### The Rushton



### The Sarah



### The Sarah<sup>Pro</sup>



### The Nicole



### The Nicole<sup>Pro</sup>



### The Grace



### The EDGA



### The Cosmetic



### The Joanie



# How to **care** for the ALX

To keep the ALX in great condition and working at its best, a little care goes a long way. Below are some top tips to help keep it clean, comfortable.



Ensure the ALX is **comfortable** and not too tight on the user's arm. If the sleeve leaves marks on their skin that don't fade within 20 minutes, it's too tight and should be loosened.



Make sure the ALX is positioned correctly, with the tool release button facing **upwards** on the user's arm.



Make sure all **digits** are clear of the dock when attaching tools to the ALX.



Regularly **clean** the ALX and tools by wiping away any excess dirt with a damp cloth to maintain hygiene and functionality.



To **wash** the ALX, remove the tool and inner foam, then place the ALX in a regular wash at **30°C (86°F)**. Be sure to put it in a pillowcase or laundry bag to prevent damage to other items in the machine.



To extend the life of the ALX and tools, store them in a **cool, dry place** when not in use.

