

PERDELLE®

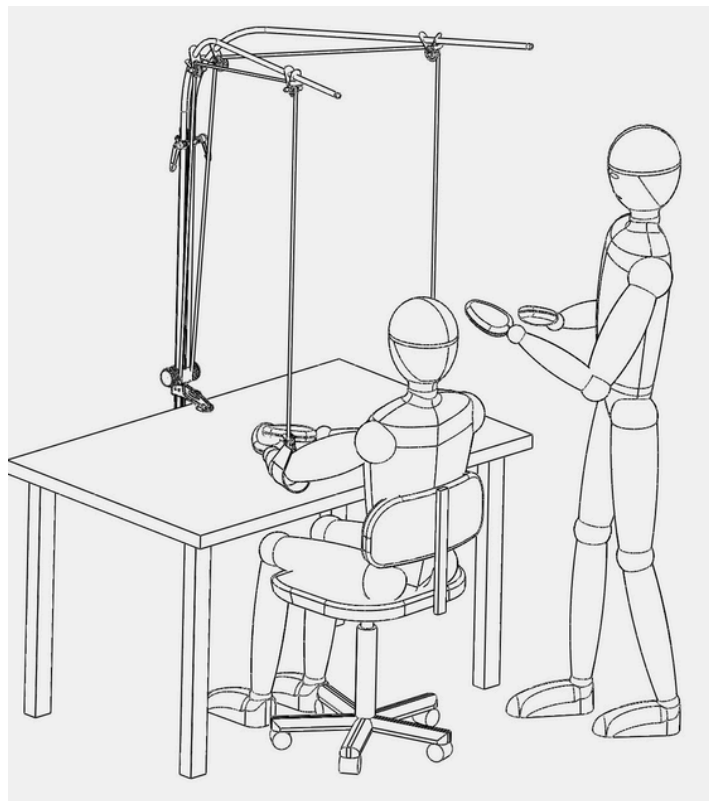
CONCEPTEUR DE SIMPLICITÉ

USER MANUAL VERSION D PERDELLE-NEO



TABLE OF CONTENTS

1. IMPORTANT	P.3
2. POSSIBLE INSTALLATIONS	P.4
3. PACKAGING – WEIGHT – DIMENSIONS	P.5
4. PART NAMES	P.6
5. STANDARD ASSEMBLY	P.7
6. OPTIONS	P.13
7. THROUGH-MOUNT INSTALLATION	P.19
8. ADJUSTMENT	P.20
9. USE	P.20
10. CLEANING	P.20



1. IMPORTANT

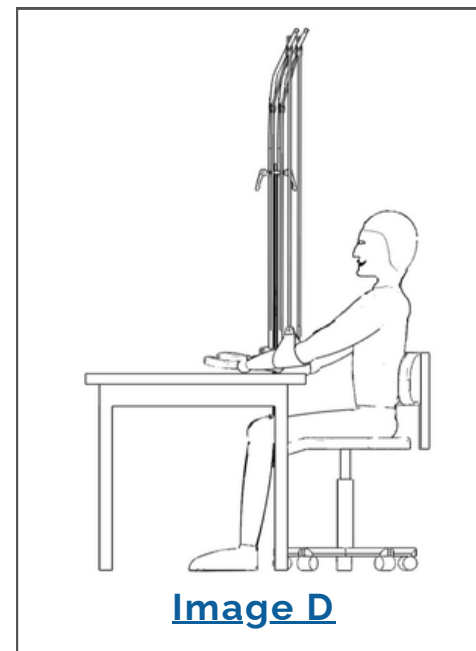
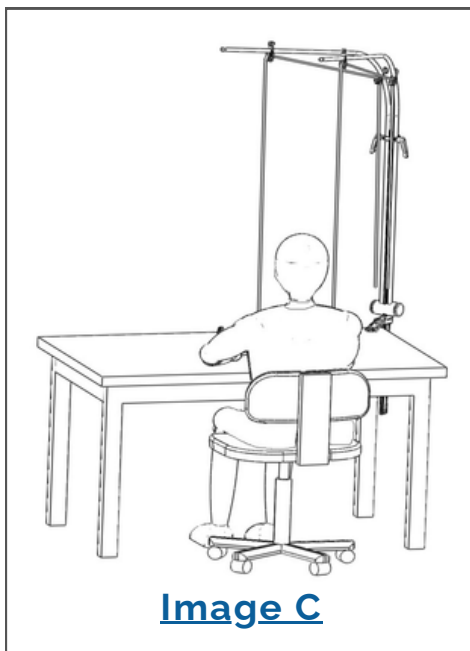
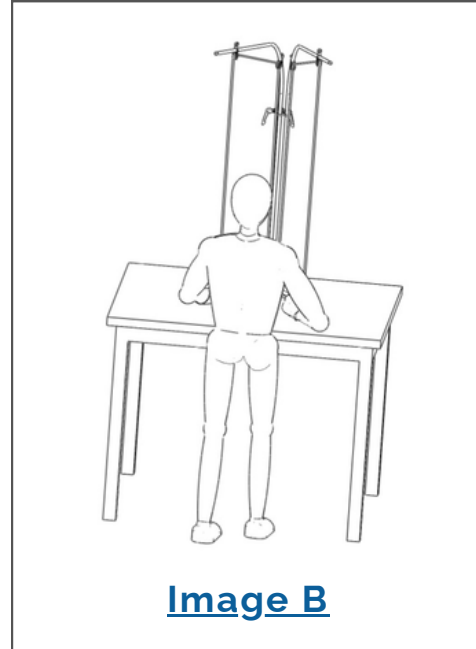
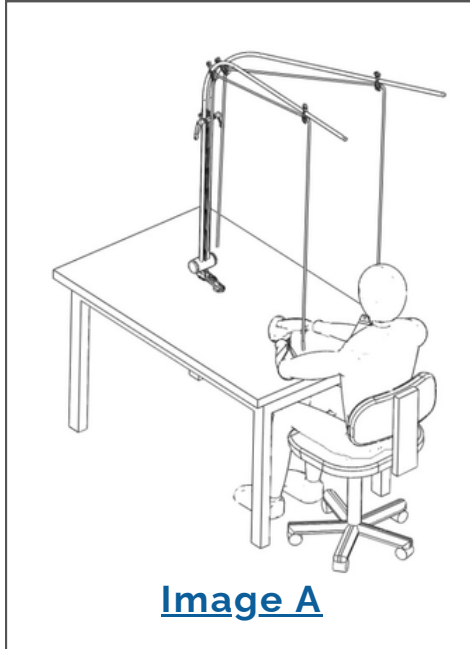
READ THE ENTIRE MANUAL BEFORE ANY INSTALLATION.

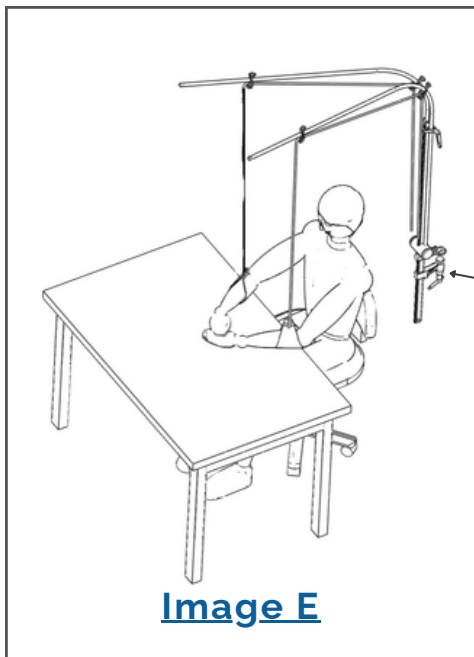
Assembly must be carried out by a technician.

- Considering the wide variety of materials on which Perdelle-Néo can be mounted (wood, metal, plastic, etc.) and the multiple possible positions (edge of workbench, corner, full surface, bracket support, machine, post, bench leg, etc.), it is the technician's responsibility to ensure proper fixation of the clamp. In case of breakage, damage to the support, or falling of the Perdelle-Néo equipment, only the technician's responsibility shall be engaged, and Perdelle cannot be held liable.
- In case of doubt, the technician must contact Perdelle to determine whether a specific setup is required (use of spacers, improved positioning, etc.).
- The user assumes responsibility if Perdelle-Néo is not used for its intended purpose.
- Do not modify the equipment.
- The support on which the clamp is fixed must be stable and solid.
- When the operator's arms are resting in the elbow supports, the underside of the supports should be approximately at the level of the work surface.
- Replace the elastic pair if any elastic is worn or damaged.
- **Check the tightening of the clamp and all screws after a few hours of use, then once a week for 2 weeks, then once a month.**
- Do not overtighten the handles. Tighten only with the necessary force.
- Two pairs of elbow supports are included in the box. Additional pairs can be ordered.

2. POSSIBLE INSTALLATIONS

Perdelle-Néo is a device designed to assist movement at workstations, whether standing or seated. This equipment can be installed on any stable and solid support. The configurations shown are examples of the flexibility of Perdelle-Néo, which can adapt to your environment.



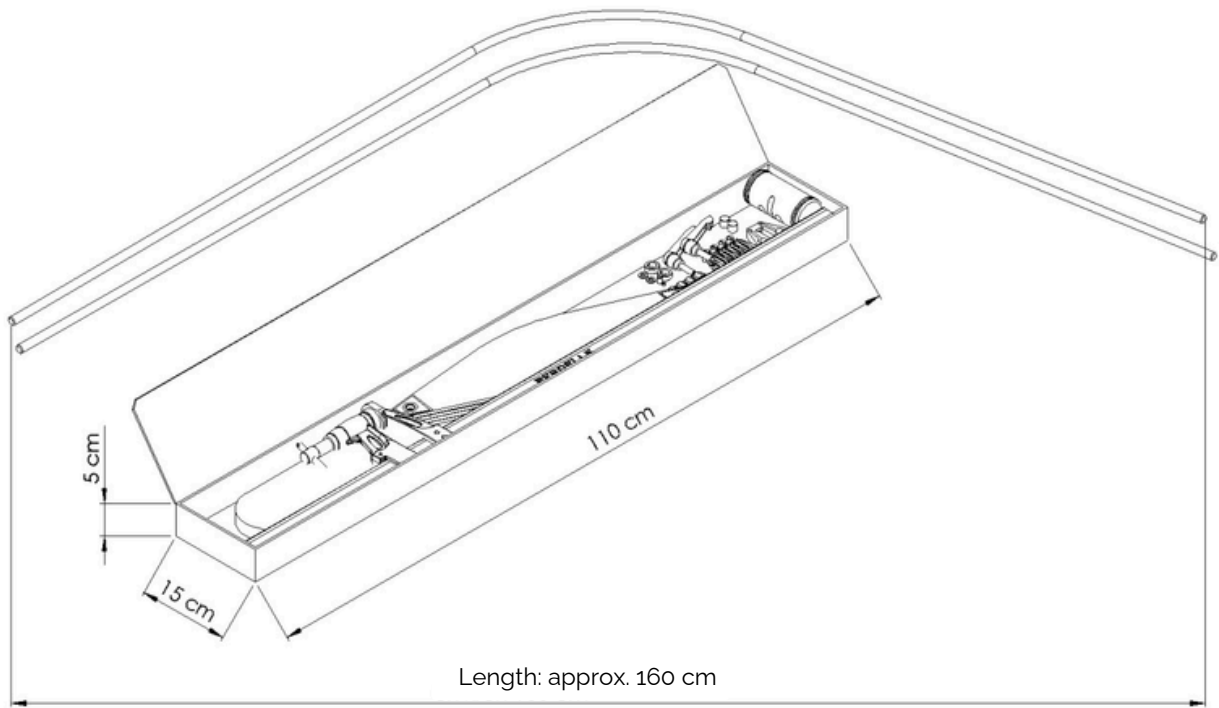


Wall mounting possible using a bracket.

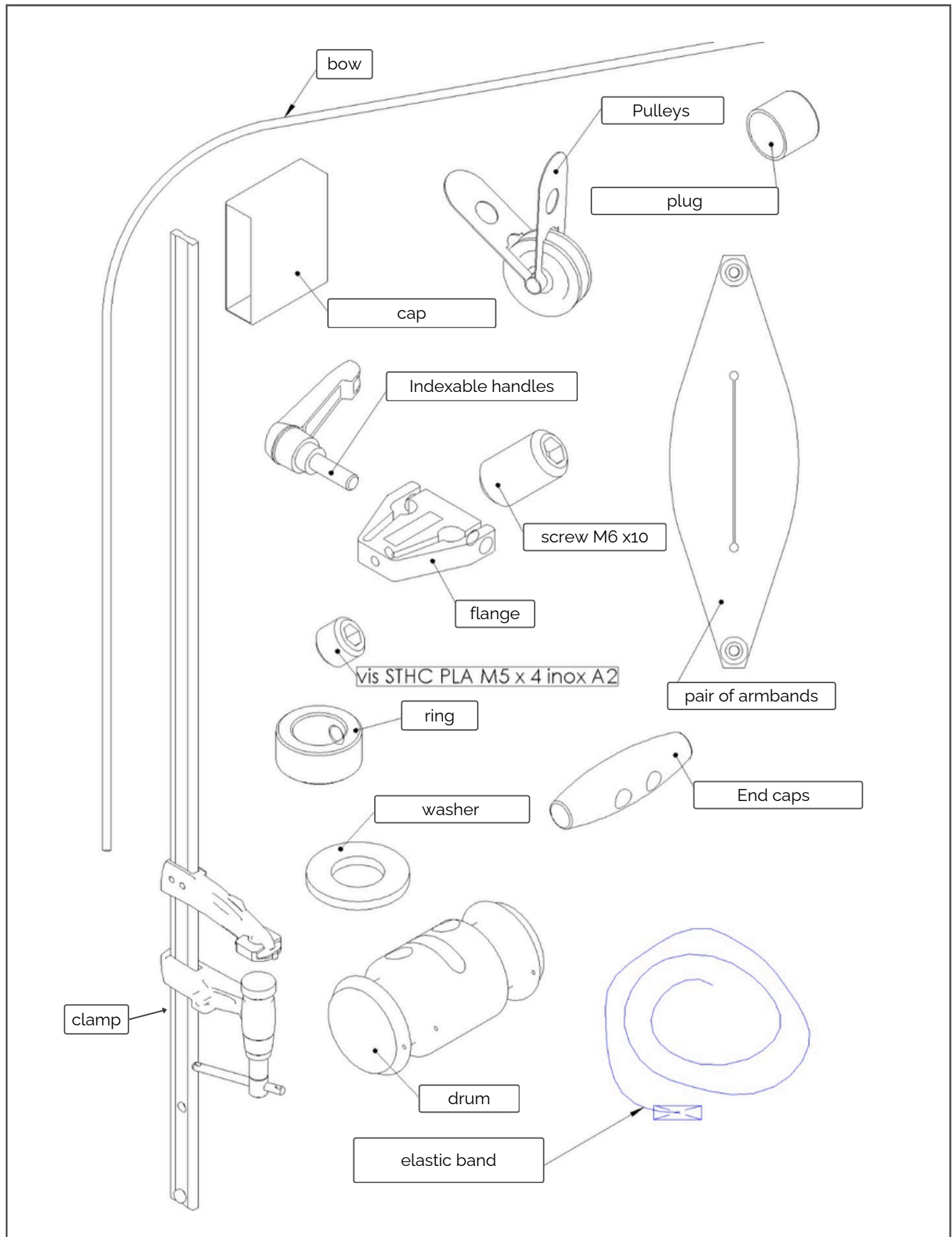
Image E

3. PACKAGING – WEIGHT – DIMENSIONS

Total weight of Perdele-Néo: 7.5 kg
Weight of the box: 4 kg
Weight of the 2 arcs combined: 3.5 kg

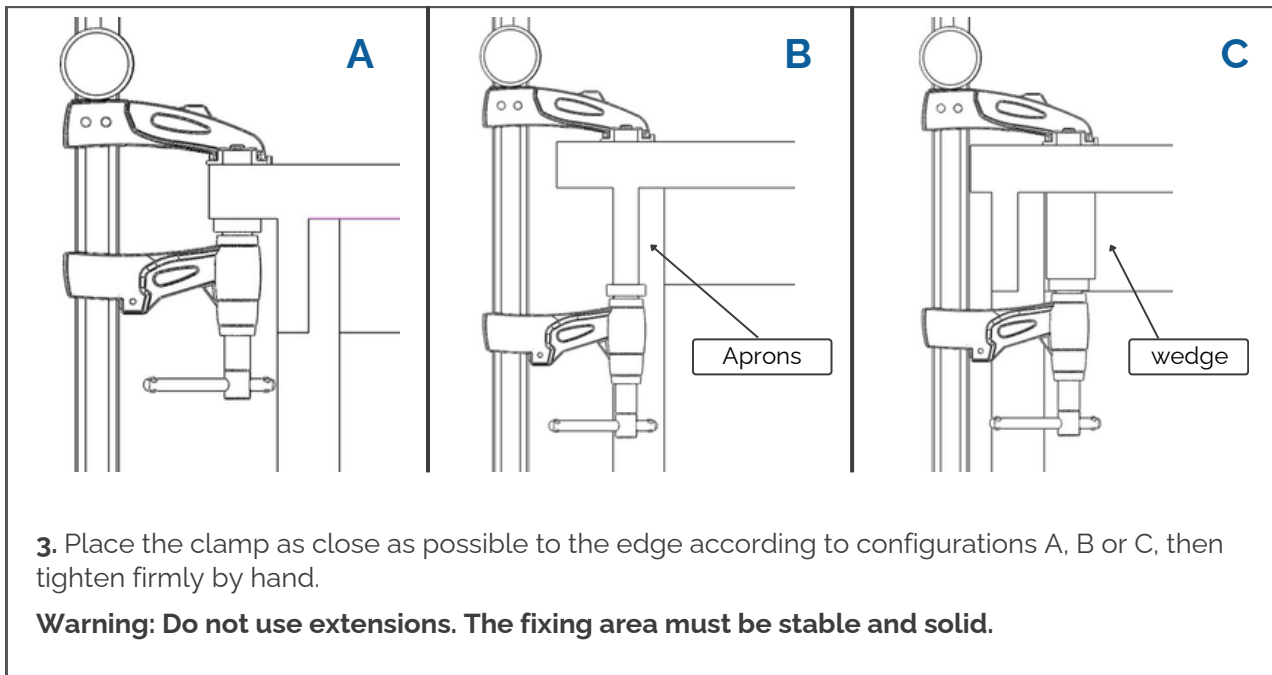
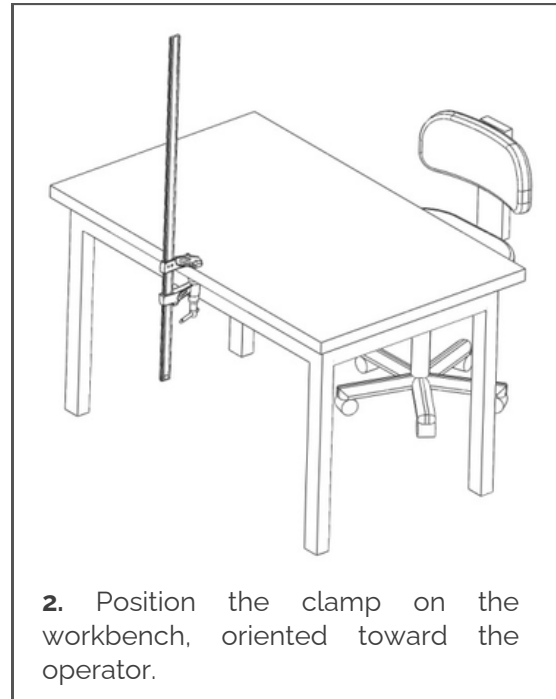
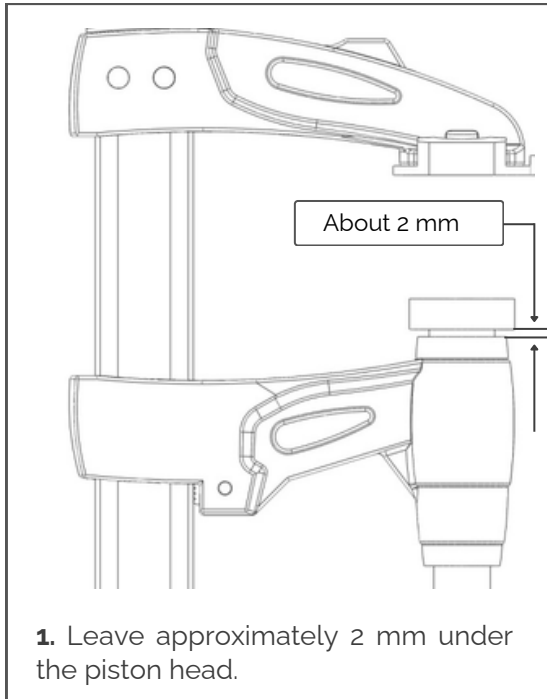


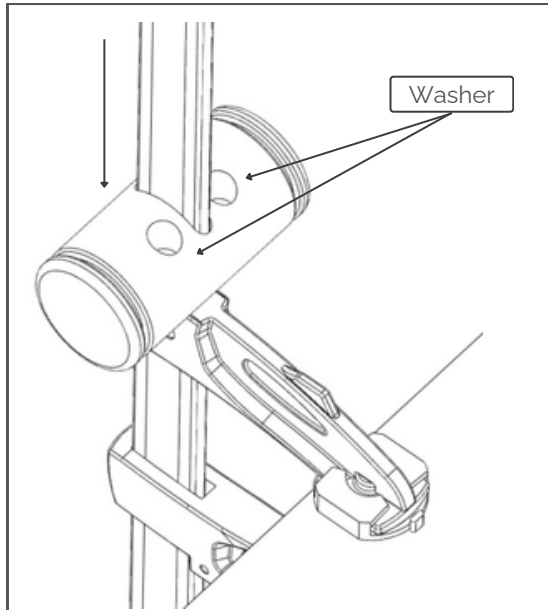
4. PART NAMES



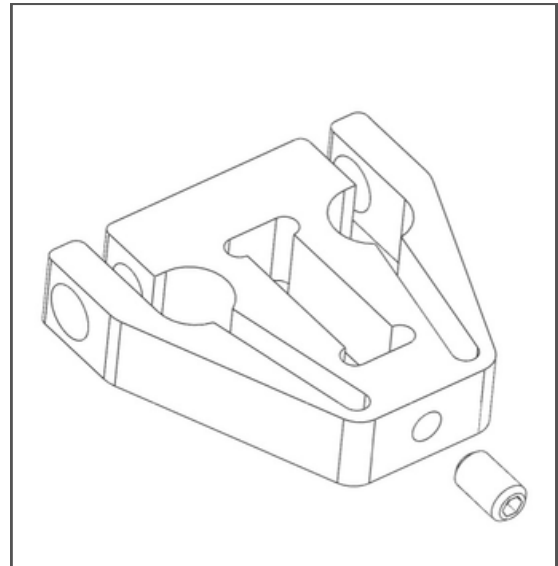
5. STANDARD ASSEMBLY

Required tools: 2 Allen keys (2.5 and 3 mm)

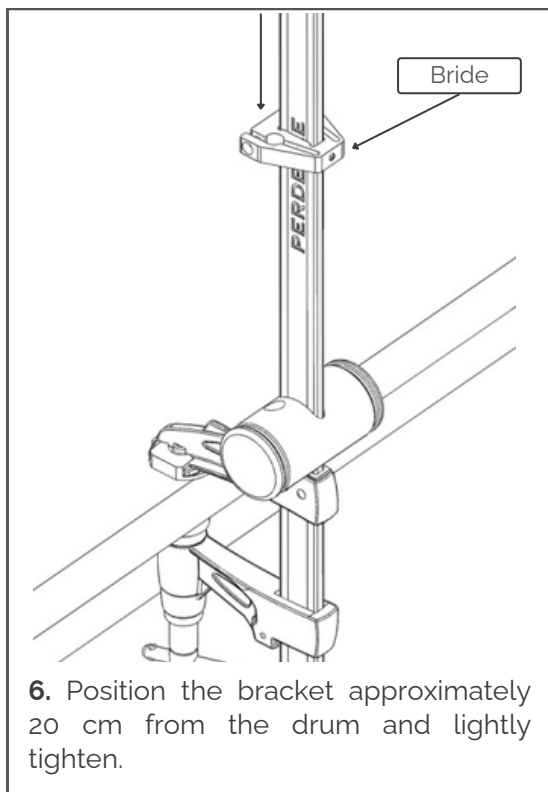




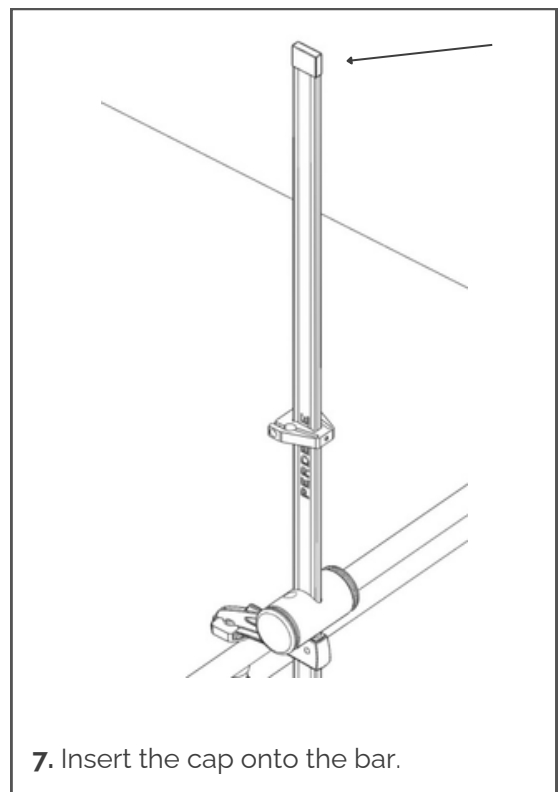
4. Slide the drum onto the clamp bar, with holes facing the operator, and insert washers.



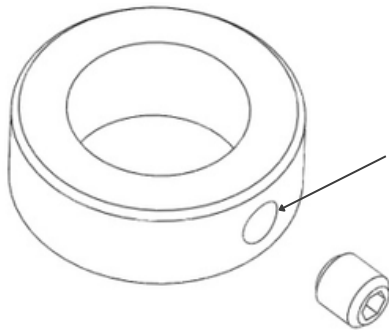
5. Pre-tighten the M6 screw in the bracket.



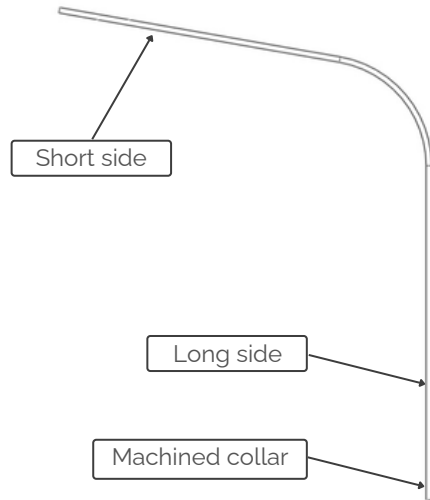
6. Position the bracket approximately 20 cm from the drum and lightly tighten.



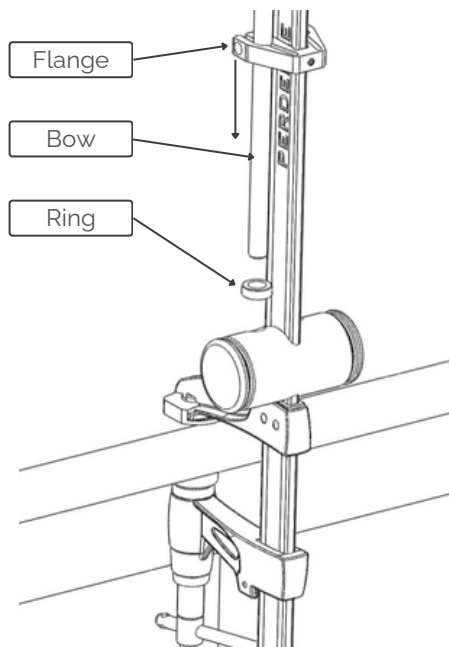
7. Insert the cap onto the bar.



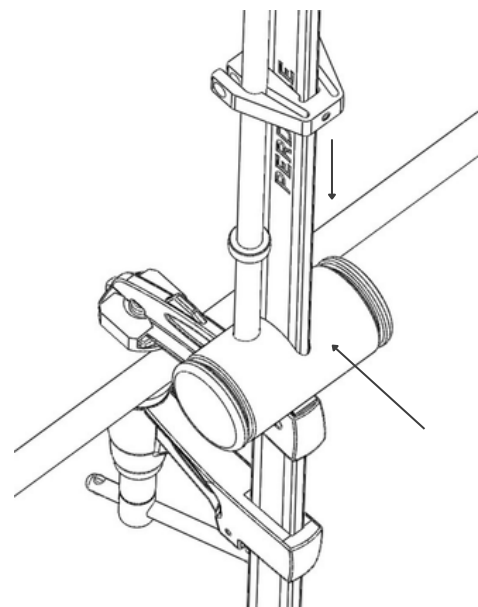
8. Pre-tighten the M5 screw in the ring.



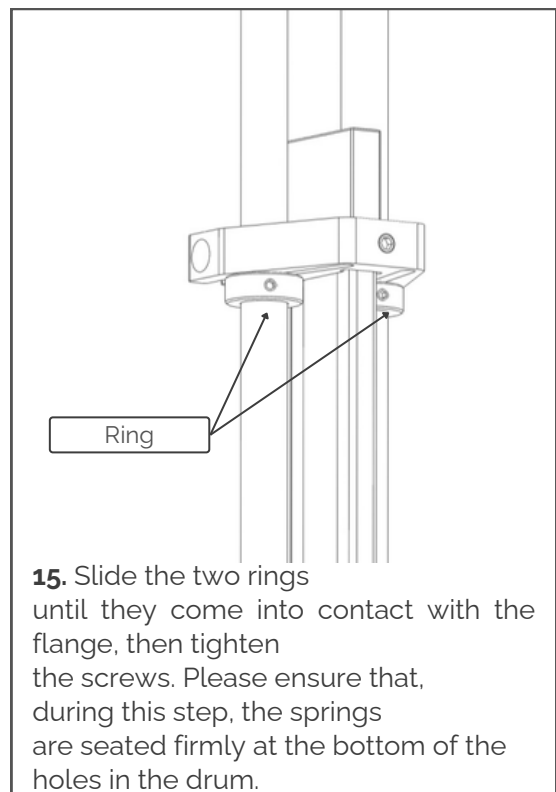
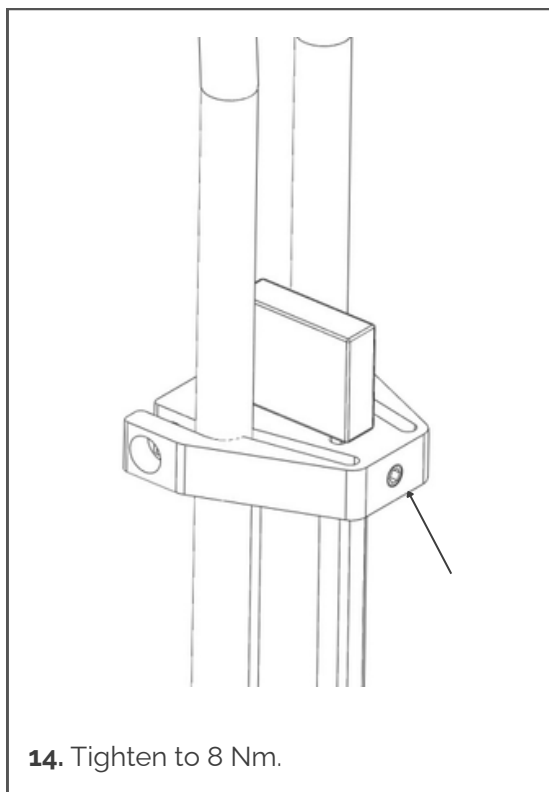
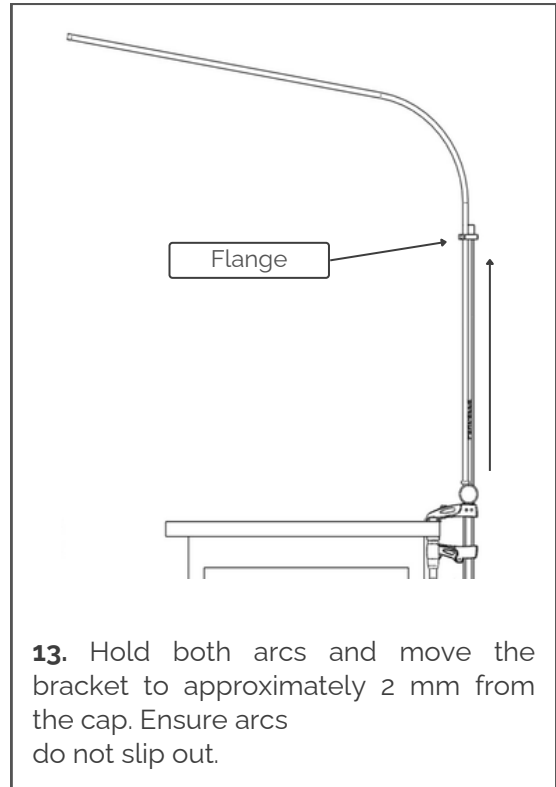
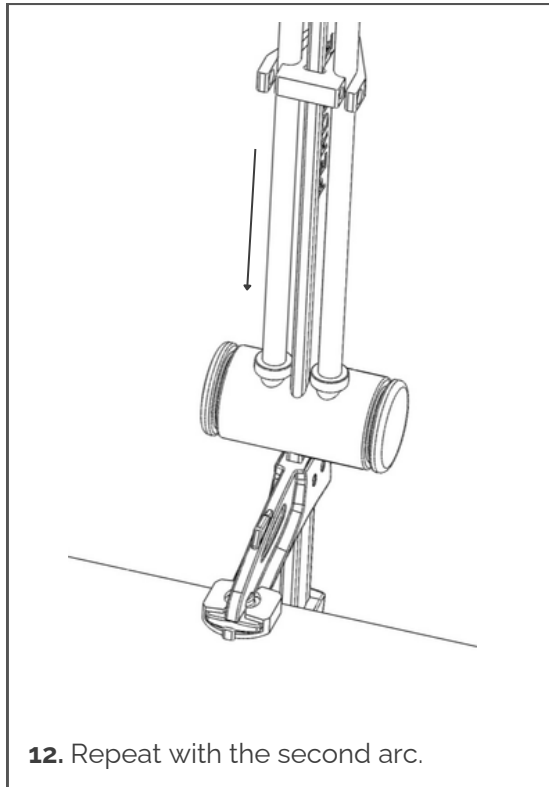
9. Choose the short or long side of the arc depending on workbench depth.

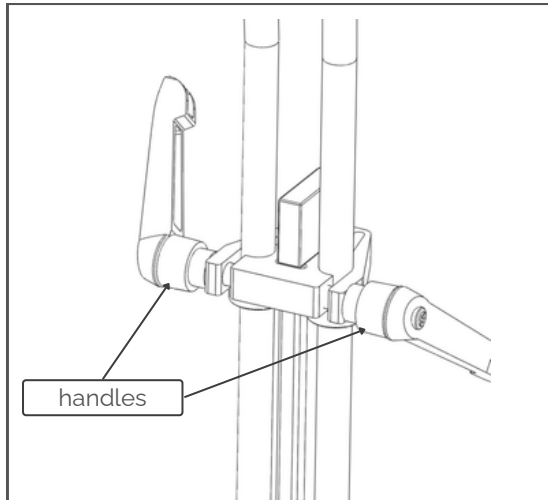


10. Insert the arc through the bracket and then through the ring.

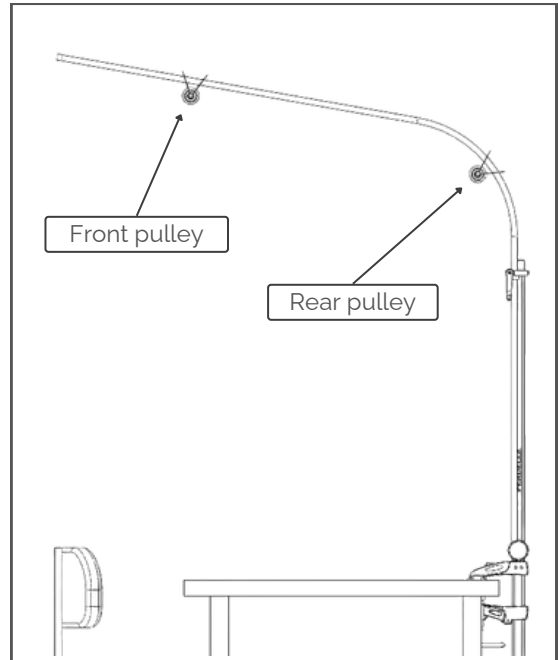


11. Push the arc fully into the drum hole (it may rotate freely at this stage).

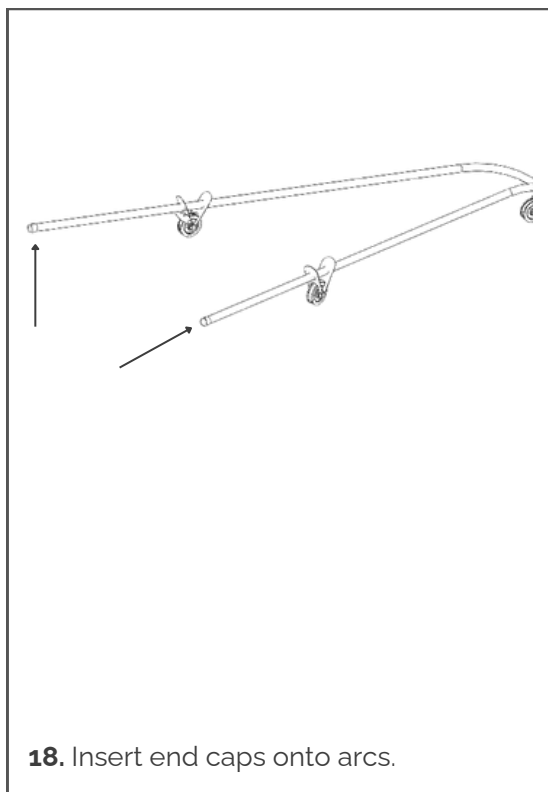




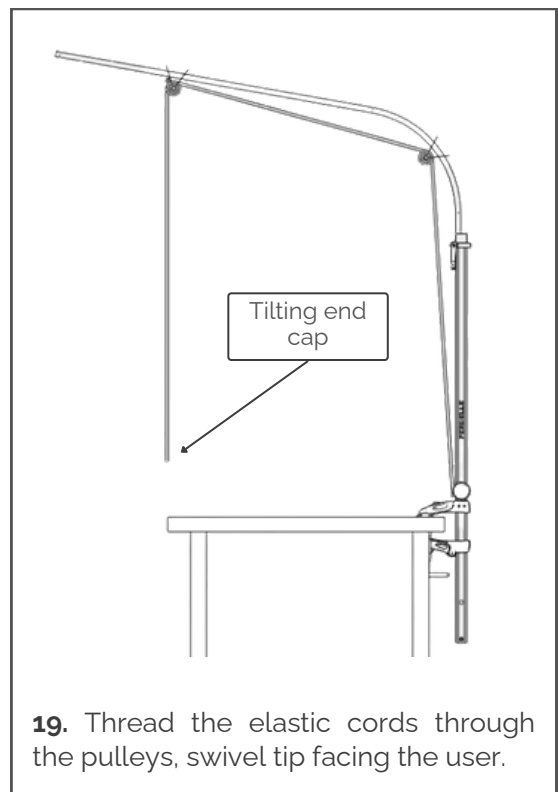
16. Screw in the handles, orient arcs toward workstation, and lock them.



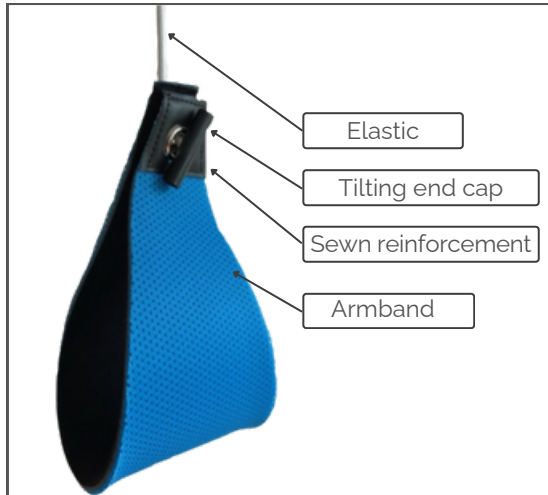
17. Install the pulleys by clipping them in place.



18. Insert end caps onto arcs.



19. Thread the elastic cords through the pulleys, swivel tip facing the user.



20. Insert elastic tips into the elbow supports.



21. Pass the elastic through the pins.



22. Repeat a second loop.



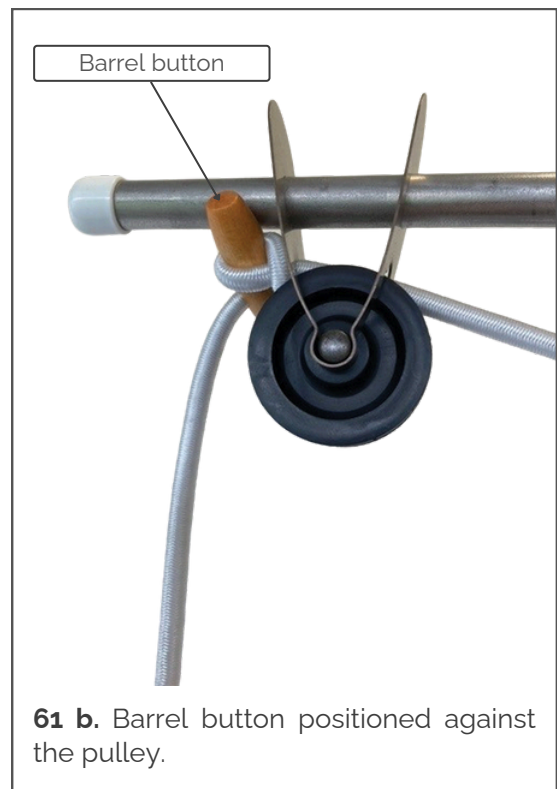
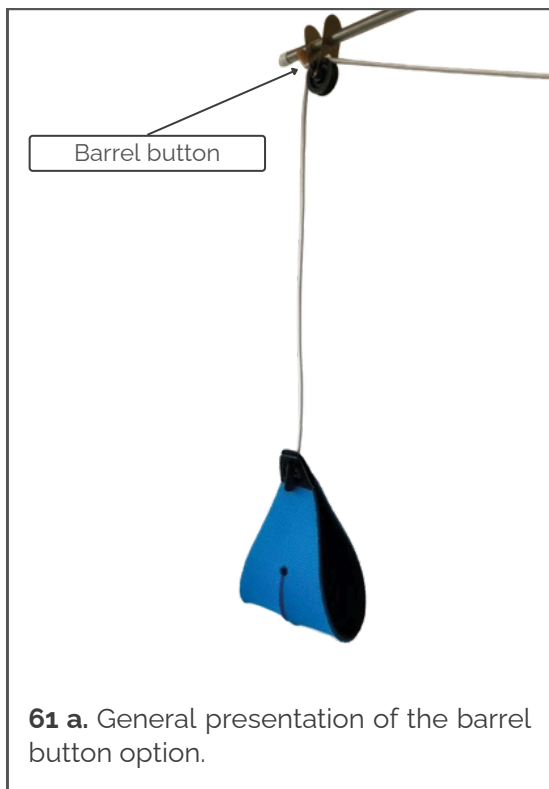
23. On the third loop, the elastic does not pass through the lower pin.



6. OPTIONS

6.1. Installation of the barrel button :

This option allows the elbow pads to be positioned at the desired height, regardless of how tight the elastic is set. This makes it easier for shorter people to reach the elbow pads.

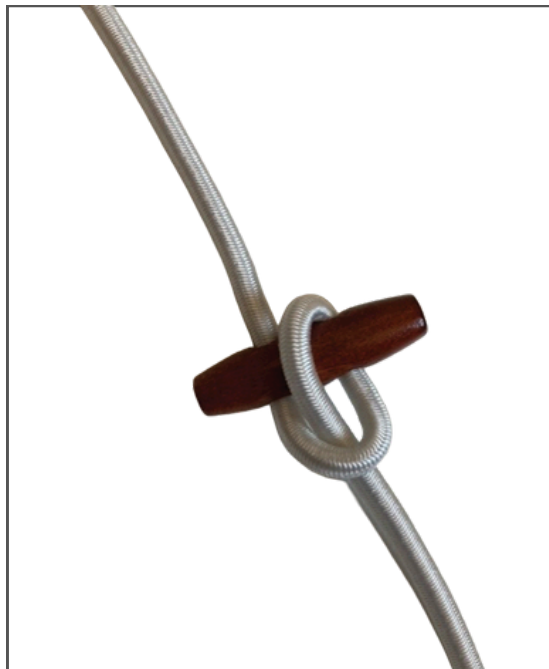




61 c. Slide the barrel button approximately 40 cm from the swivel tip.



61 d. Pass the end through the small loop.



61 e. Tension the elastic cord.



61 f. Check that both lengths are equal. The assembly is ready.

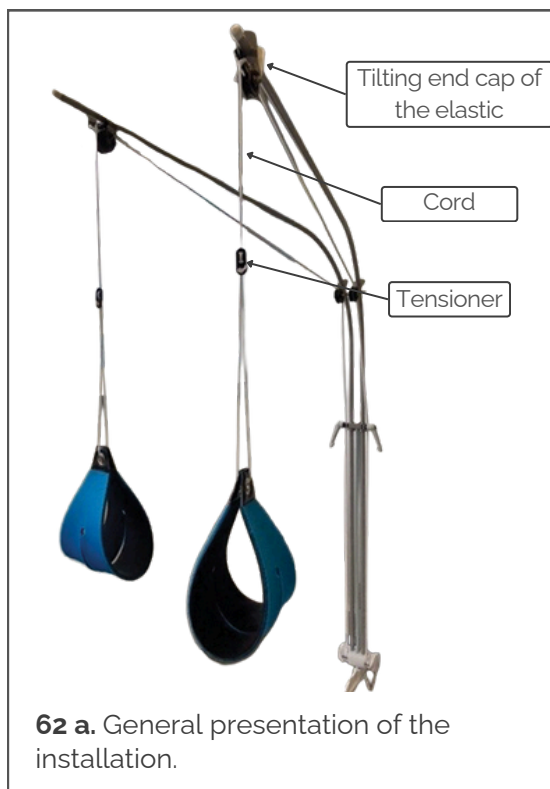


6.2. Adjusting the tension of the elastic on the user side:

In some configurations, the adjustment mechanism on the drum side is difficult to access. The Cord-Tensioner kit allows for adjustment on the user side.

For this option, do not fit the barrel knob.

Caution : use only the slipknot shown in Figure 62d.





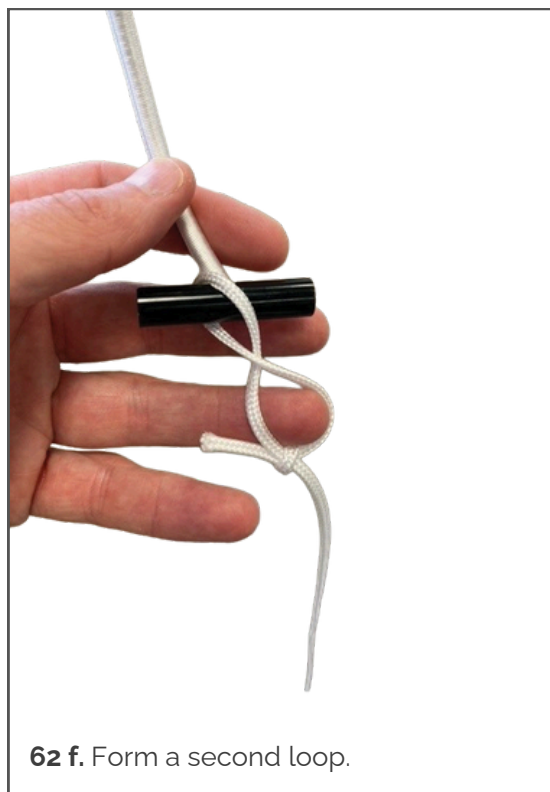
62 c. Kit presentation (2 cords and 2 tensioners).



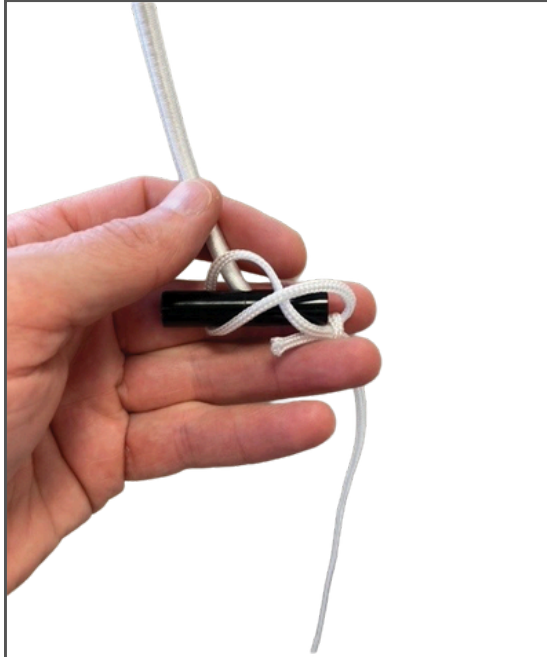
62 d. Slip knot of the cord (mandatory knot).



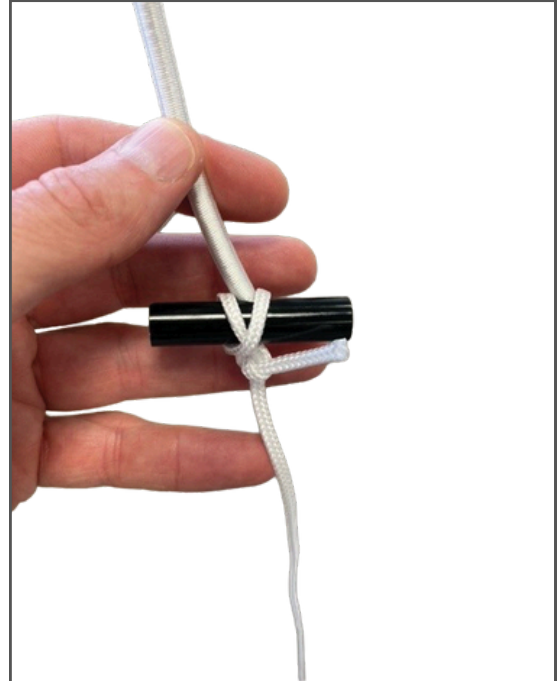
62 e. Pass the knot as shown.



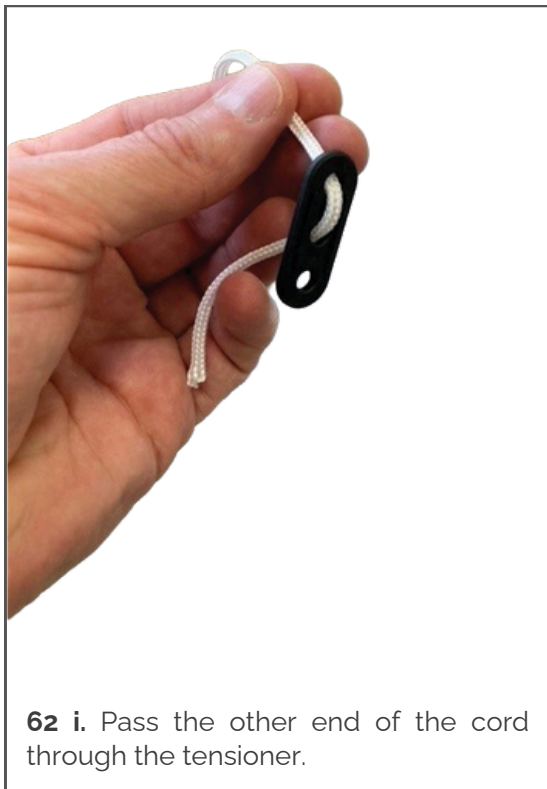
62 f. Form a second loop.



62 g. Pass the second loop as shown.



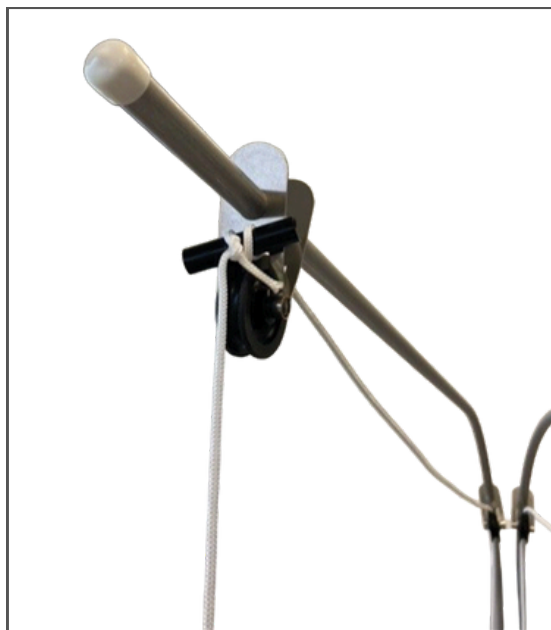
62 h. Tighten the knot firmly. **Do not use** another type of knot.



62 i. Pass the other end of the cord through the tensioner.



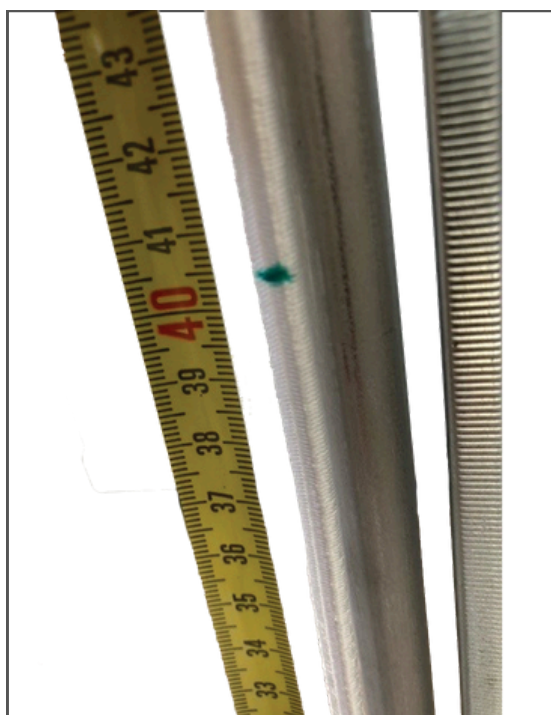
62 j. Then through the elbow support and the third hole of the tensioner. Tie a tight knot.



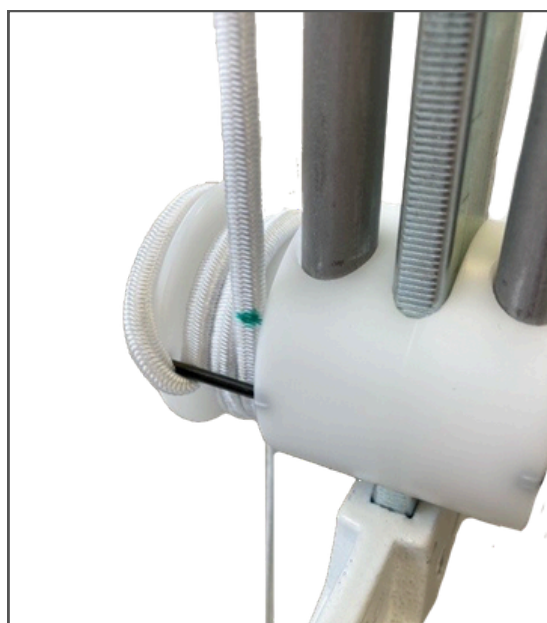
62 k. Pull lightly on the elastic to bring the swivel tip to the pulley.



62 l. Mark the elastic at approximately 40 cm.



62 m. Mark made with a pen.



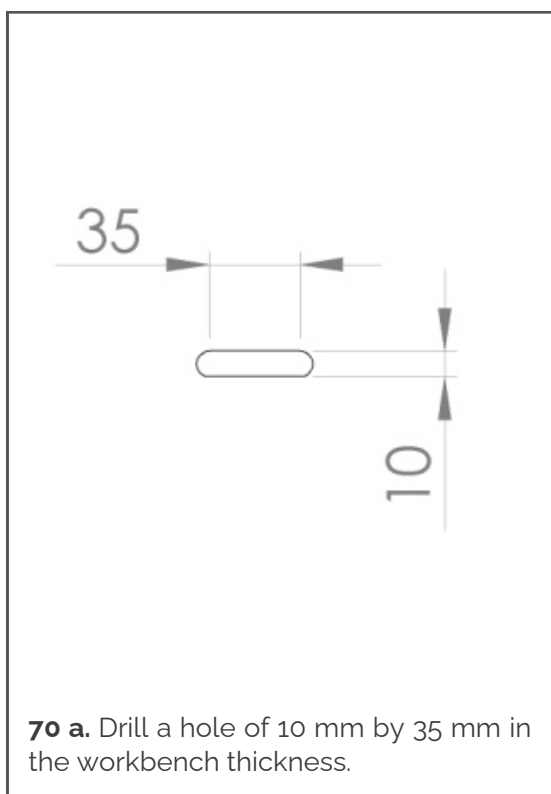
62 n. Wind the elastic up to the mark (40 cm \approx 1 kg force).



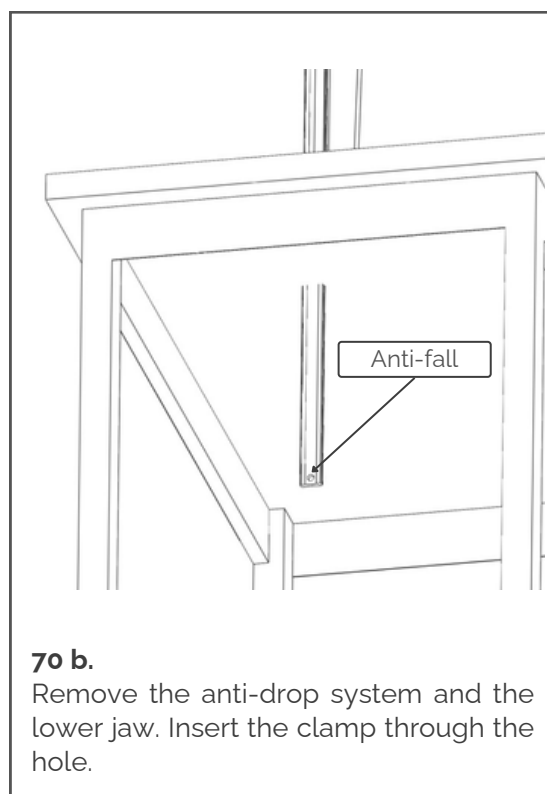
62 o. Adjust the tensioner according to desired comfort.

7. THROUGH-MOUNT INSTALLATION

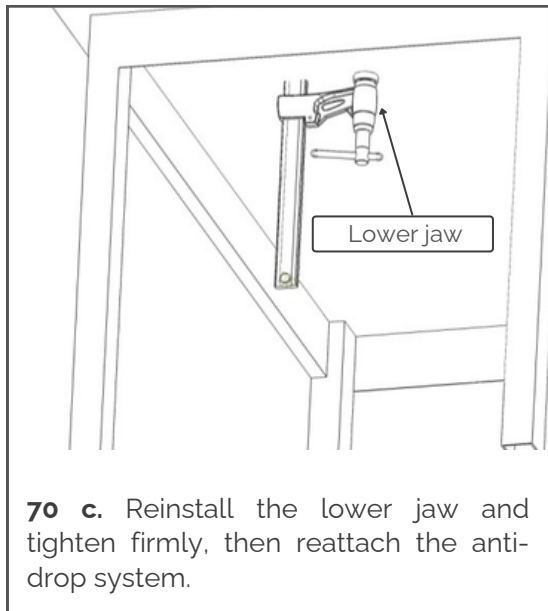
This configuration may be used in the case of a deep workbench (Image A, page 4).



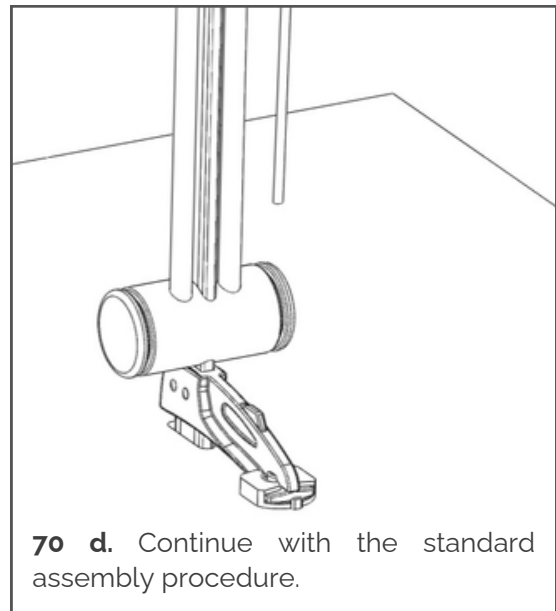
70 a. Drill a hole of 10 mm by 35 mm in the workbench thickness.



70 b. Remove the anti-drop system and the lower jaw. Insert the clamp through the hole.



70 c. Reinstall the lower jaw and tighten firmly, then reattach the anti-drop system.



70 d. Continue with the standard assembly procedure.

8. ADJUSTMENT

Adjusting the pulley position :

Position the pulleys above the user's elbows. To do this, rotate the brackets and slide the pulley. Please do not hesitate to contact us if necessary.

Adjusting the resistance :

40 cm of stretch on an elastic band represents approximately 1 kg of resistance. If the elastic band is too tight, you will feel it immediately! Experiment with the elastic adjustment to find the resistance that suits you. When you are relaxed at your workstation, your elbows should be roughly level with your work surface.

Feel free to mark the elastics with a felt-tip pen (even several marks) to indicate your settings.

9. USE

Users will very quickly get used to the comfort offered by Perdelle-Néo. After a short while, users will find the precise adjustment that suits them best.

The elbow fits into the slot in the elbow pad.



Depending on individual comfort and the tasks to be performed, the position of the elbow pads can vary along the arm.

Some workstations occasionally require wide movements to one side or the other of the workstation. Perdelle-Néo offers the option of allowing one or both pads to rotate freely.

If several operators use Perdelle-Néo, it is possible to order additional pairs of elbow supports. There are already two pairs in each box.

In the event that several people use the same Perdelle-Néo, each user can quickly find their preferred setting thanks to the felt-tip marks on the elastic bands.

10. CLEANING

Perdelle-Néo does not require any special care. Wiping with a soft cloth is sufficient. Do not use any chemical products.

The elbow pads are machine washable at 30°C.

Any damage caused by the use of chemical products is not covered by the warranty.