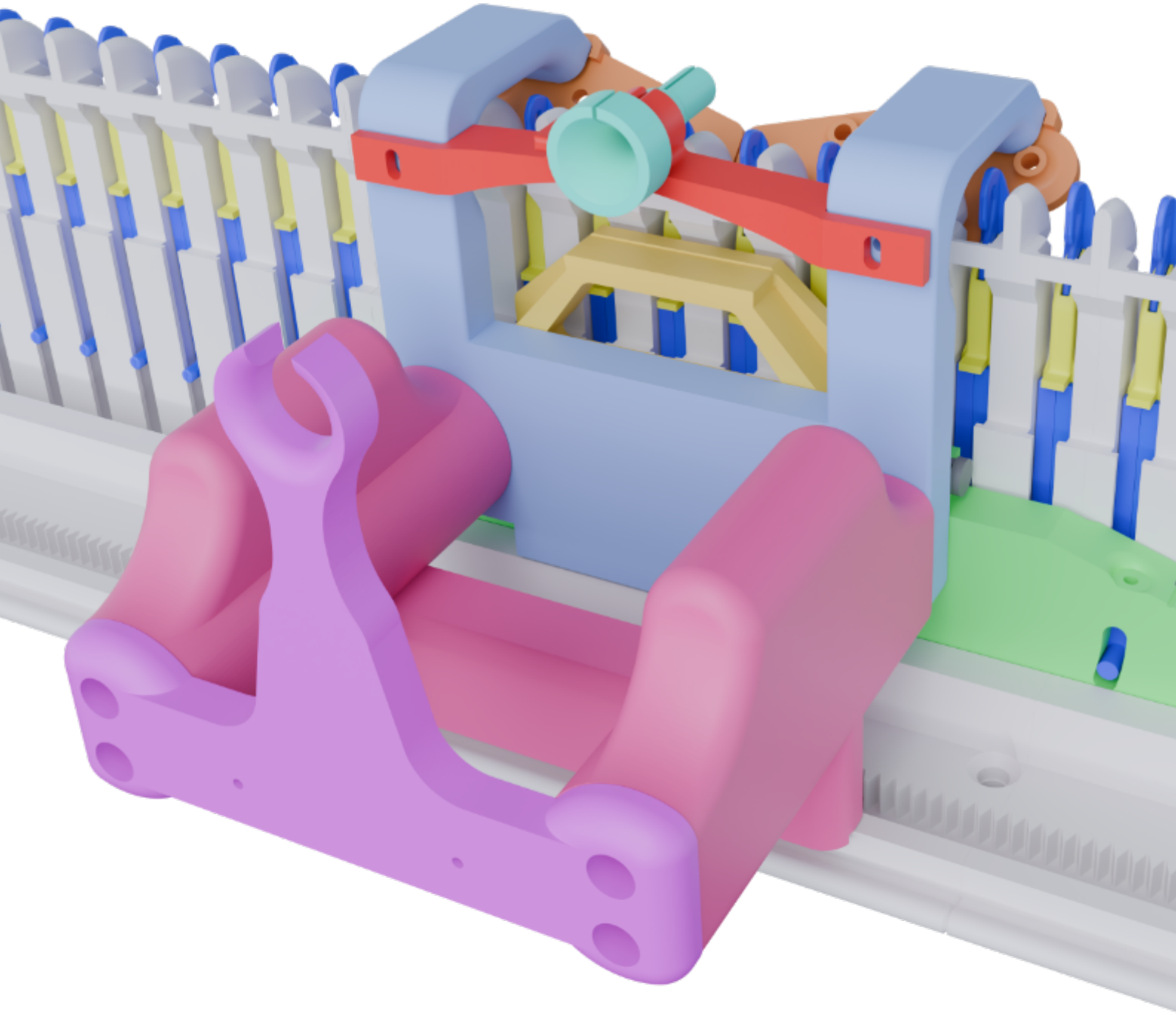


knitTHICK^{v.1}

Guía de ensamblaje

How to assemble



Created by Joaquín Marco

Documentation by Víctor Gómez in *KnitStadium.com*

knitTHICK es una tricotosa de galga gruesa para impresoras 3D creada por Joaquín Marco y está bajo una licencia Creative Commons - Attribution License.

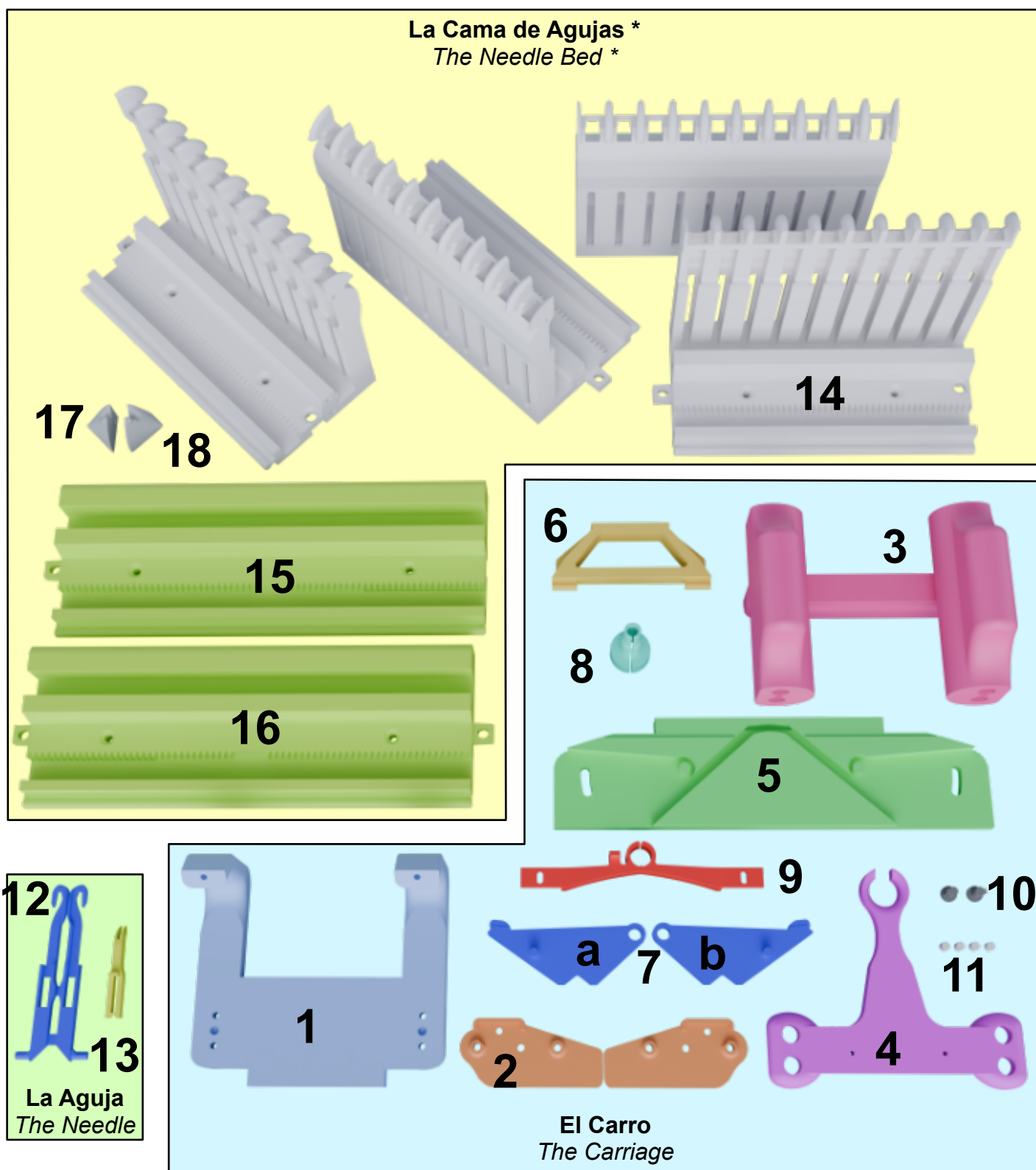
***knitTHICK** is a bulky gauge knitting machine for 3D printers created by Joaquín Marco and is licensed under a Creative Commons - Attribution Licence.*

Esta tricotosa es compartida y documentada por Víctor Gómez a través de su blog KnitStudium.com

This knitting machine is shared and documented by Víctor Gómez on his blog KnitStudium.com.

Todo este proyecto se ha creado con IH (Inteligencia Humana), no se ha usado en ninguna parte de dicho proyecto Inteligencia Artificial. ¡Humanos al poder!.

This entire project has been created using HI (Human Intelligence); Artificial Intelligence has not been used in any part of the project. Power to the humans!.



*Por cada bloque de cama de agujas tienes que imprimir 10 agujas (azul) con sus correspondientes retenes (amarillo). El número de cama de agujas a imprimir dependerá del ancho de tus tejidos. Para hacer prendas serán entre 6 o 7 camas.

*For each needle bed block, you need to print 10 needles (blue) with their corresponding retainers (yellow). The number of needle beds to print will depend on the width of your fabrics. To make garments, you will need between 6 and 7 beds.

Pieza # Piece	ESPAÑOL	ENGLISH	REP.
P_1	Empuñadura #2	Handle #2	x1
P_2	Empuñadura #1	Handle #1	x1
P_3	Empuñadura #3	Handle #3	x1
P_4	Empuñadura #4	Handle #4	x1
P_5	Ajuste de carro	Carriage Adjustment	x1
P_6	Arrastre	Dragging	x1
P_7a	Leva de carro	Carriage cam	x1
P_7b	Leva de carro	Carriage cam	x1
P_8	Alimentador #1	Feeder #1	x1
P_9	Alimentador #2	Feeder #2	x1
P_10	Tetones de arrastre	Pins	x2
P_11	Tetones 4mm.	4mm. Studs	x4
P_12	Aguja	Needle	x10*
P_13	Retén de aguja	Needle retainer	x10*
P_14	Carril + Raíl	Slide + Rail	x1**
P_15	Lateral izquierdo	Left side	x1
P_16	Lateral derecho	Right side	x1
P_17	Final de canal derecho	Right-side end	x1
P_18	Final de canal izquierdo	Left-side end	x1

***Tienes que imprimir 10 agujas con sus 10 retenes para hacer un bloque de cama de agujas completo.**

**** Tienes que imprimir, al menos dos, para hacer una tricotosa como se muestra en el videotutorial. Puedes imprimir tantas como desees.**

*You need to print 10 needles with their 10 retainers to make a complete needle bed block.

** You need to print at least two to make a knitting machine as shown in the video tutorial. You can print as many as you like, depending on how long you want.

Herramientas y Utillaje

Destornillador

Pegamento

Lija

8x tornillos M3x12mm

2x tornillos Allen M3x25/35mm

Listón de madera

Tools and Equipment

Screwdriver

Glue

Sandpaper

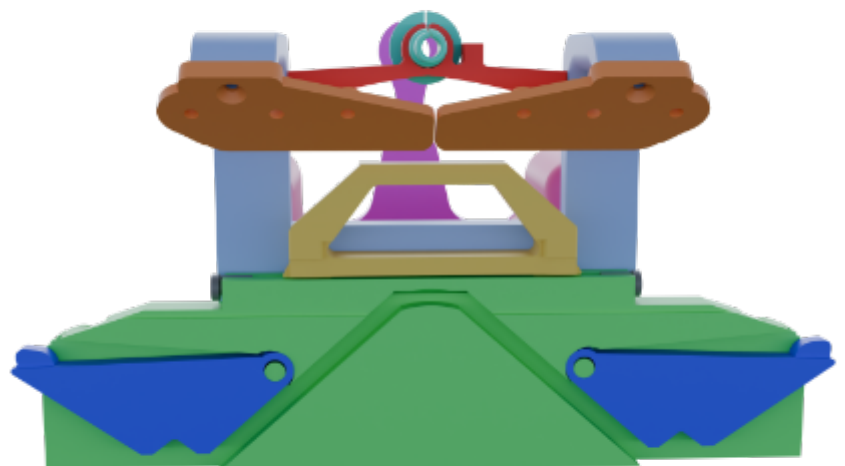
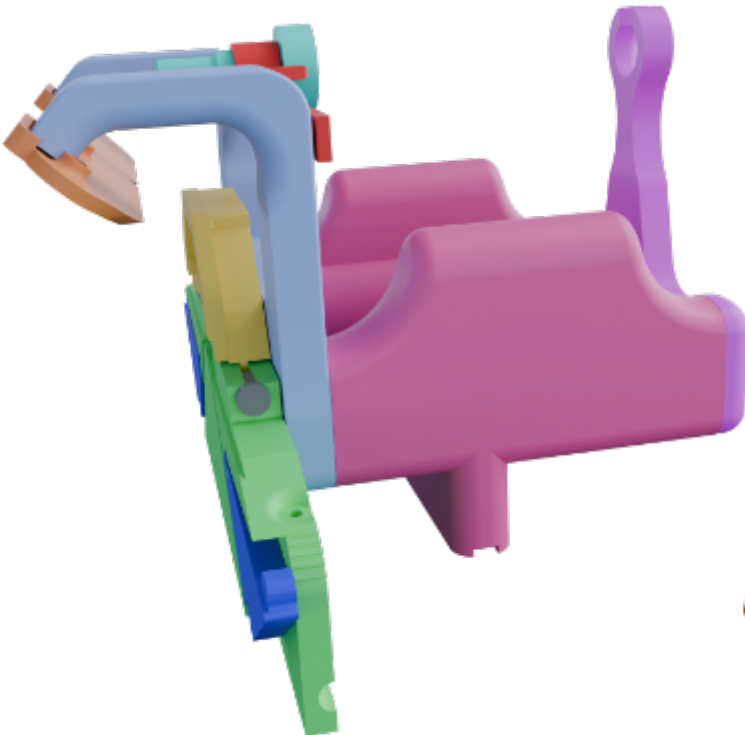
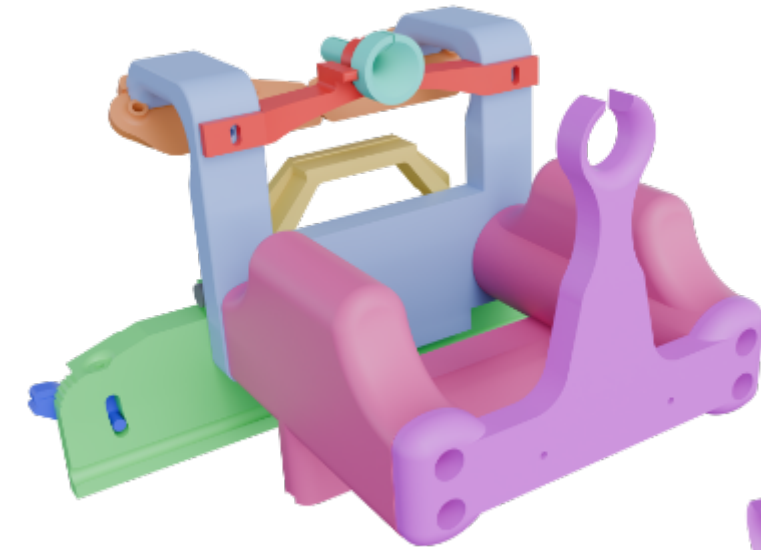
8x screws M3x12mm

2x screws Allen M3x25/35mm

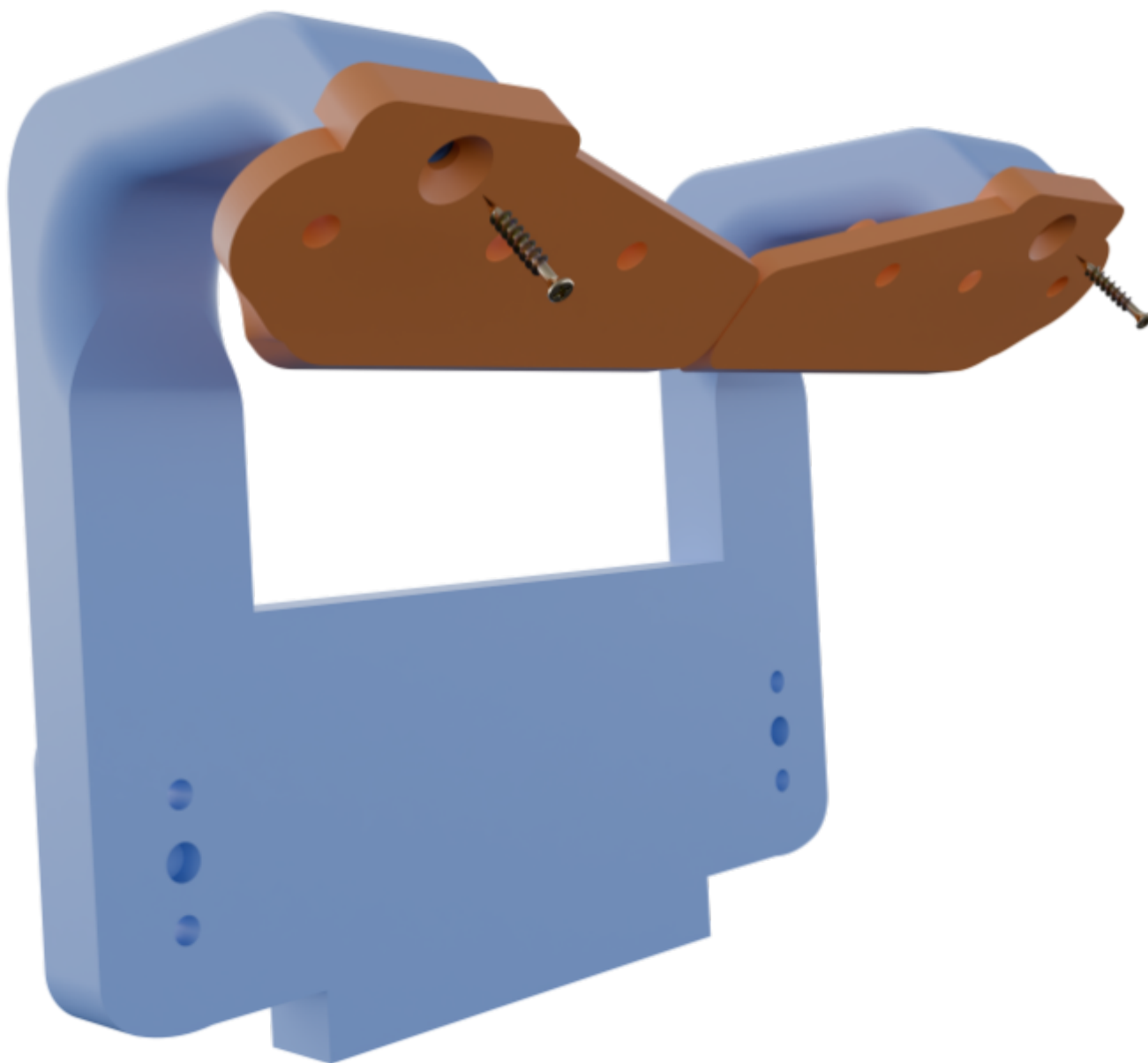
Wooden strip



El Carro

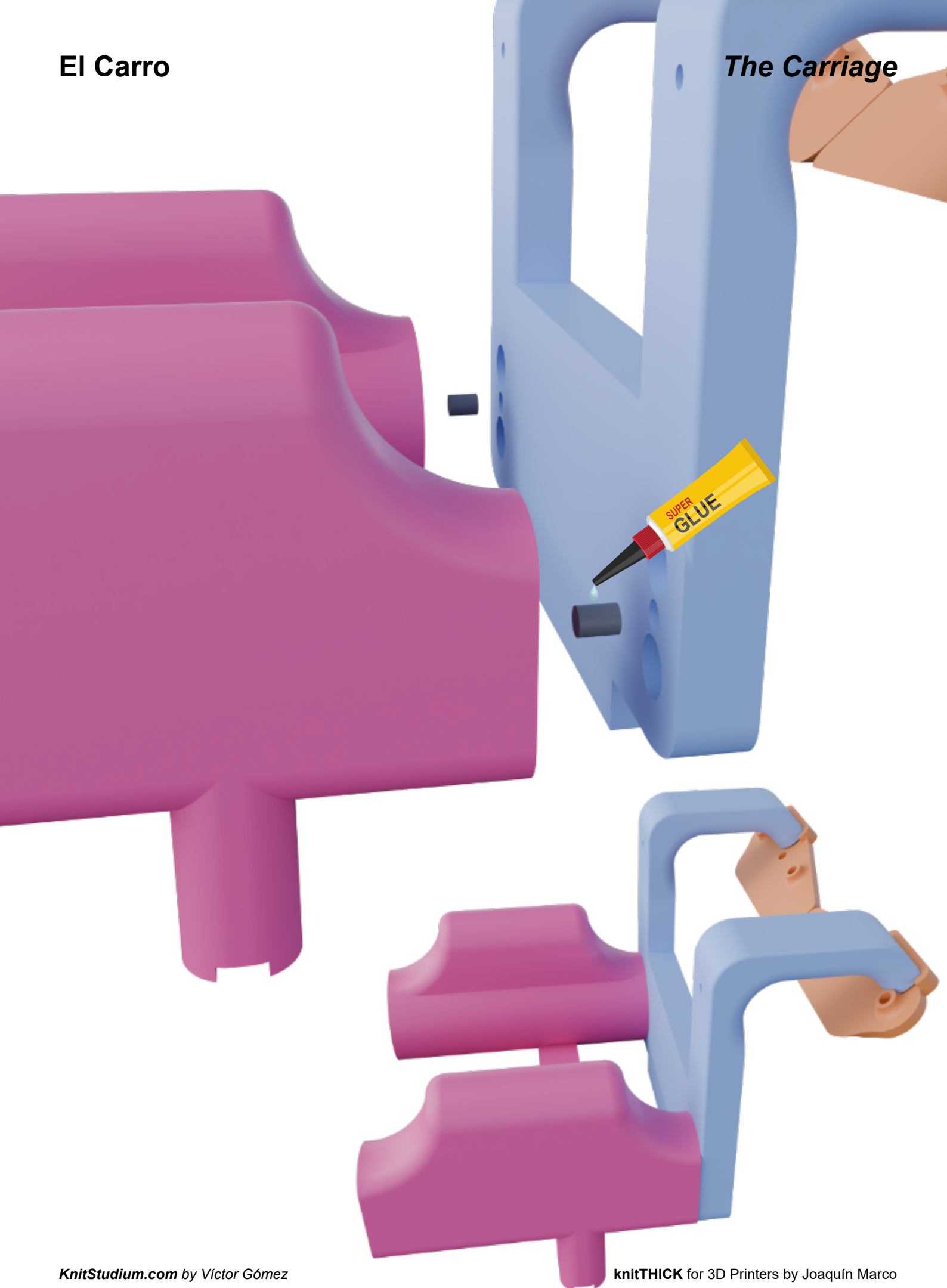


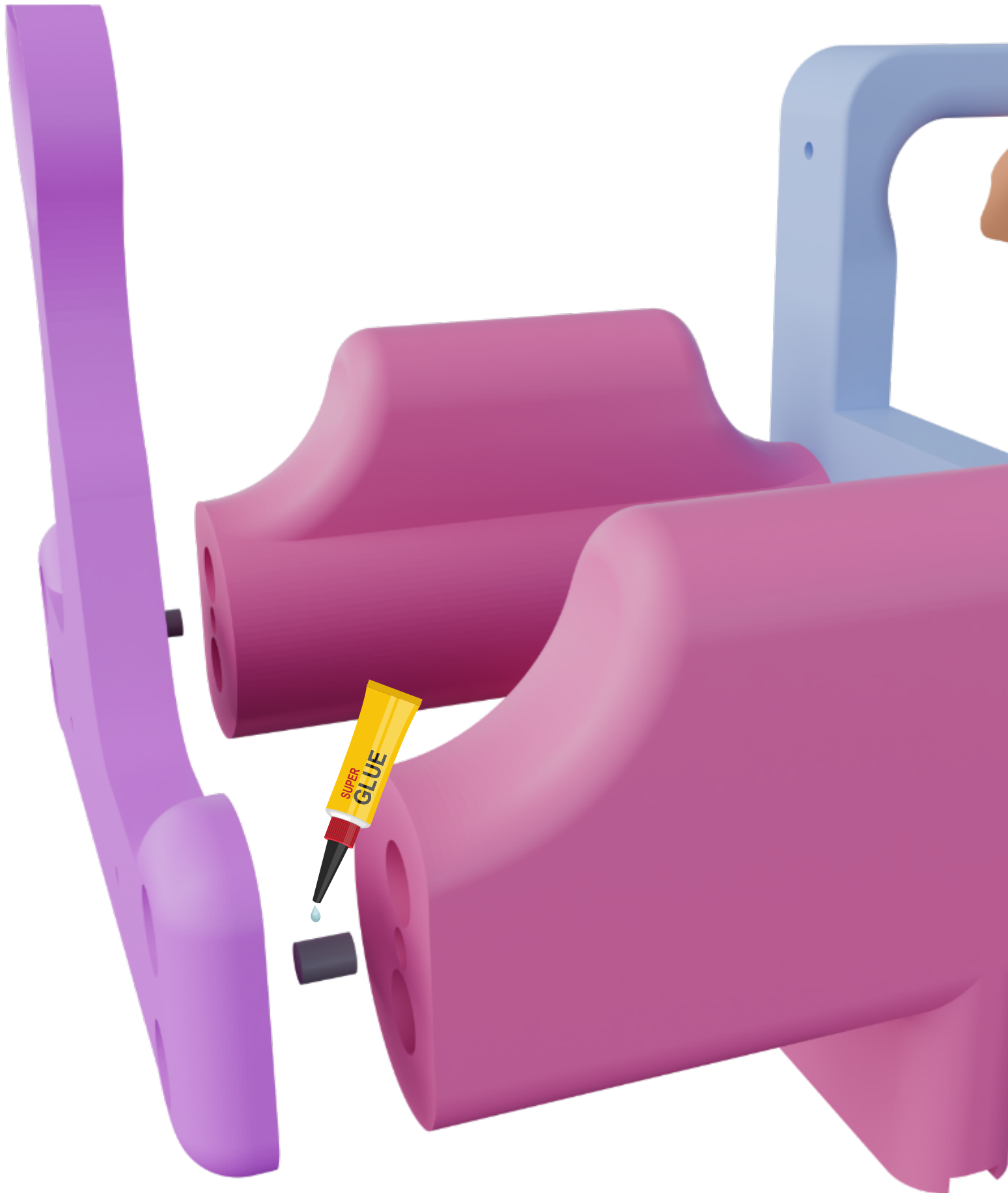
The Carriage



El Carro

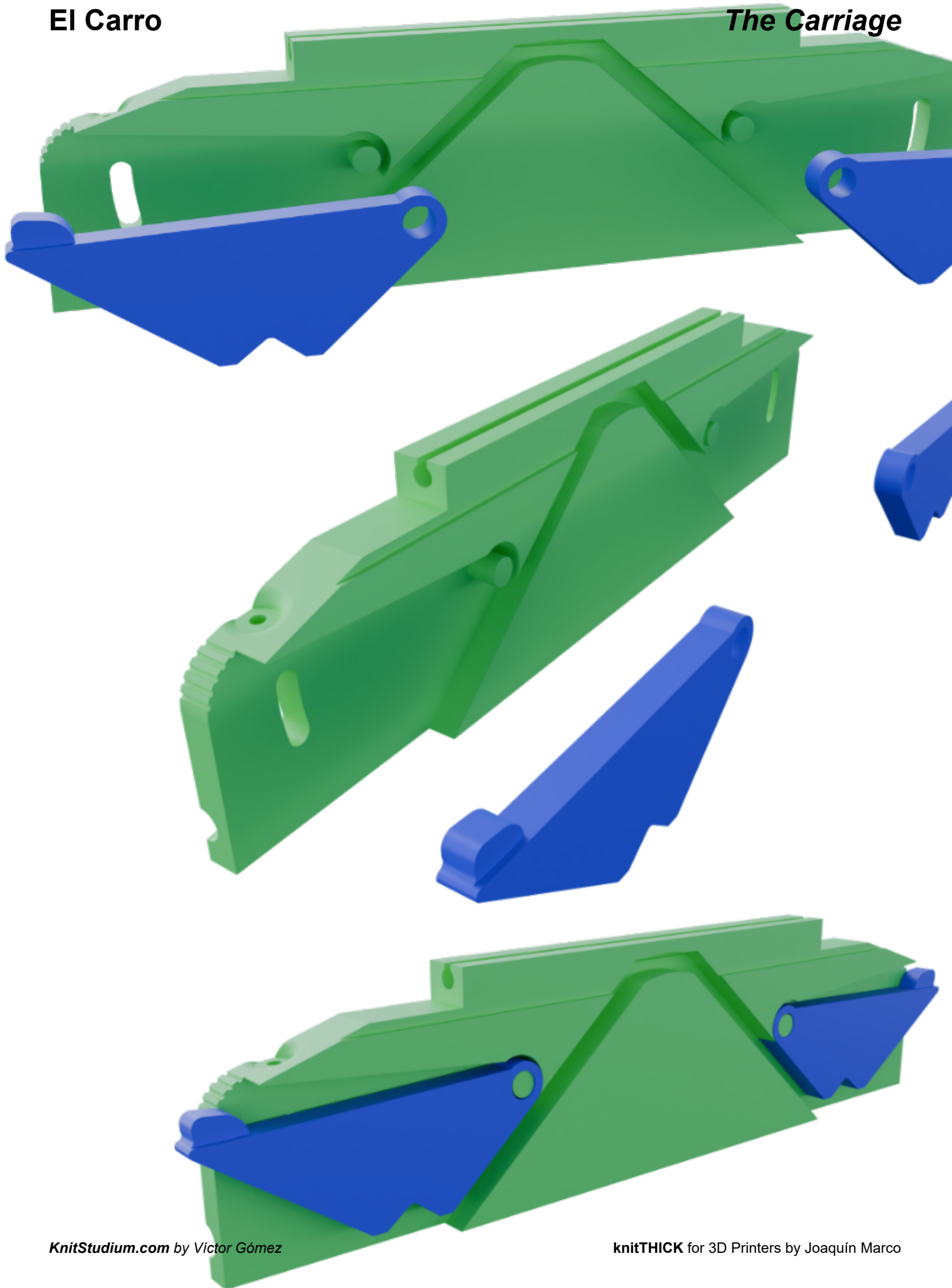
The Carriage





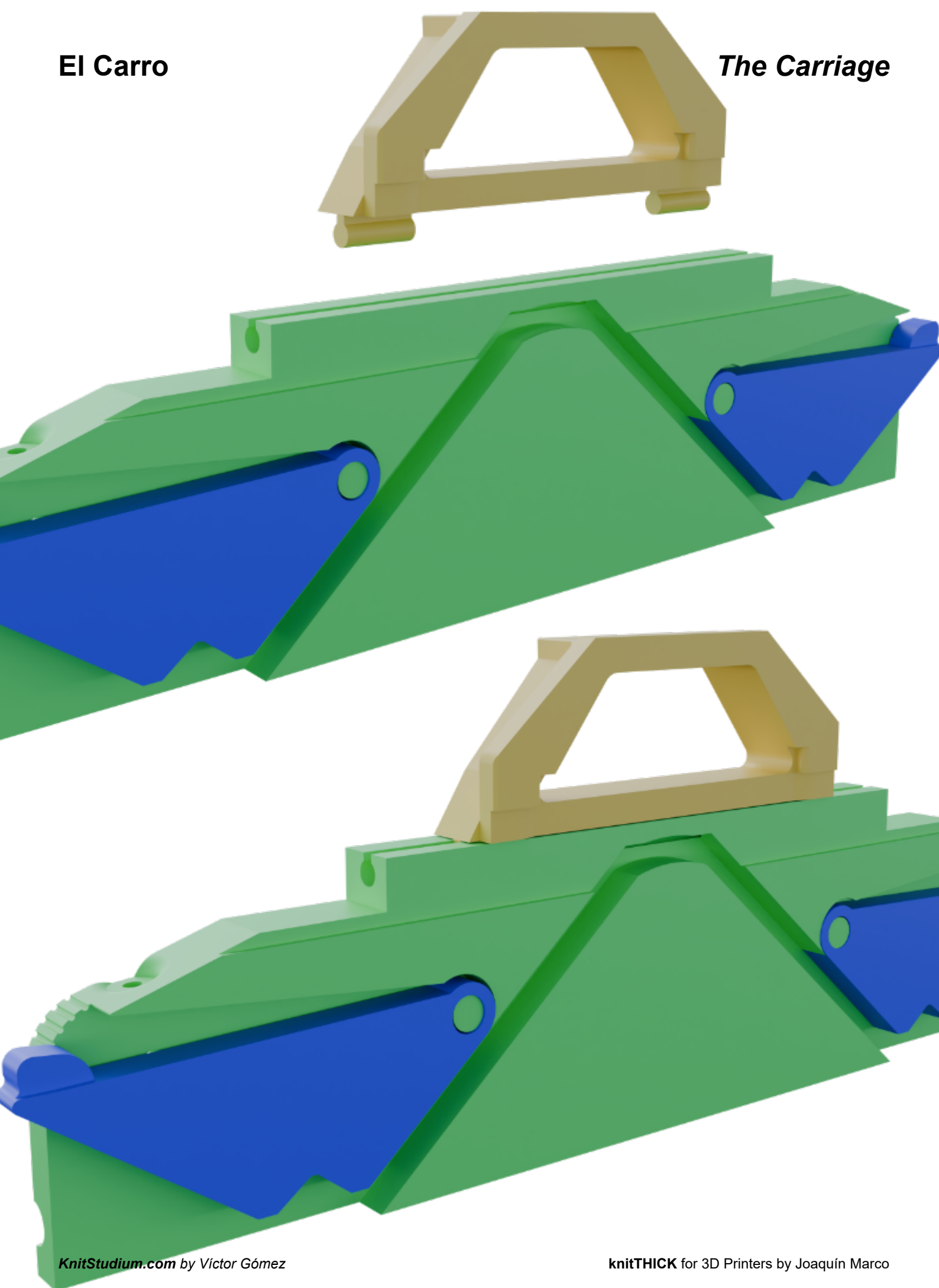
El Carro

The Carriage



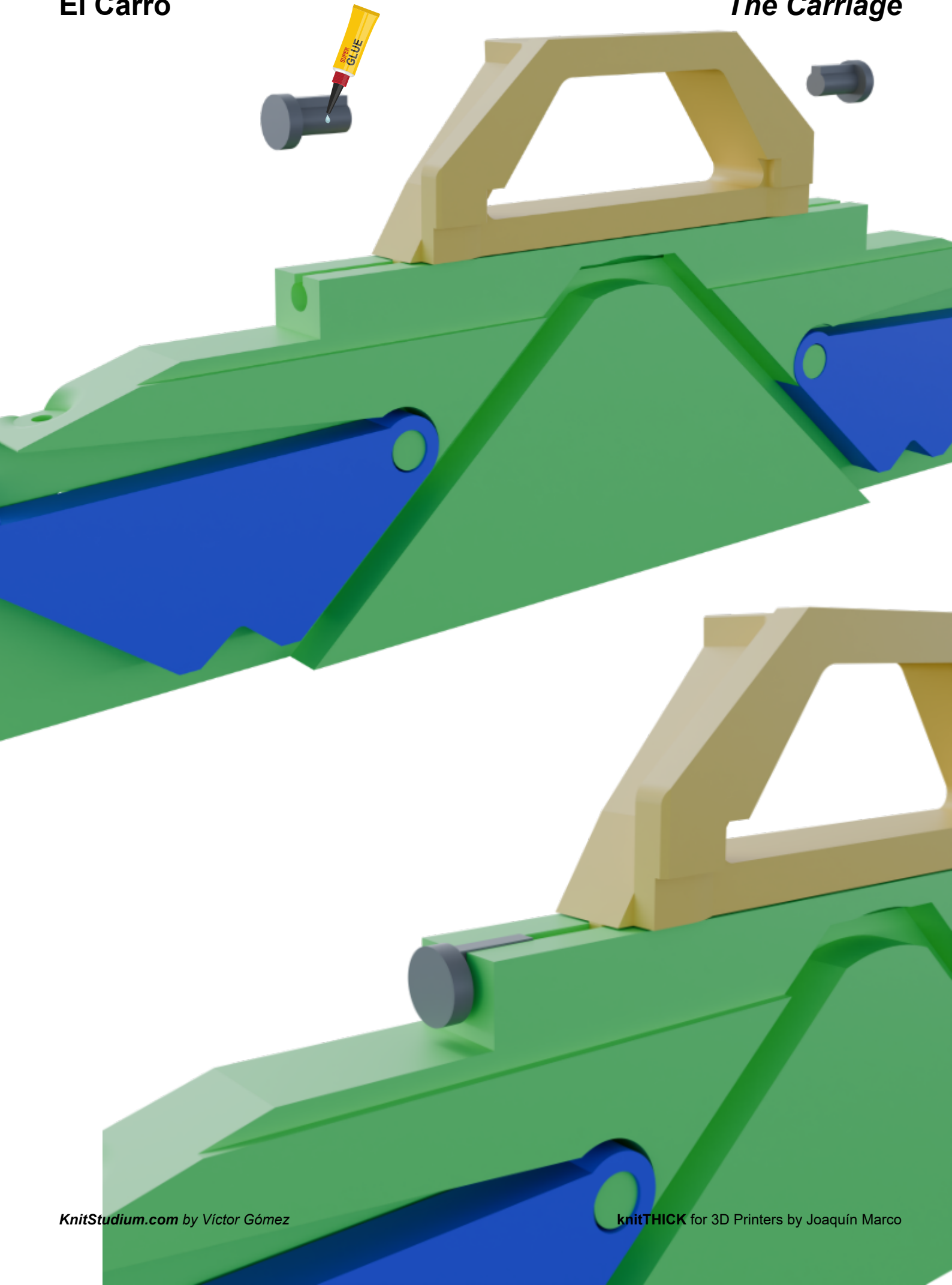
El Carro

The Carriage



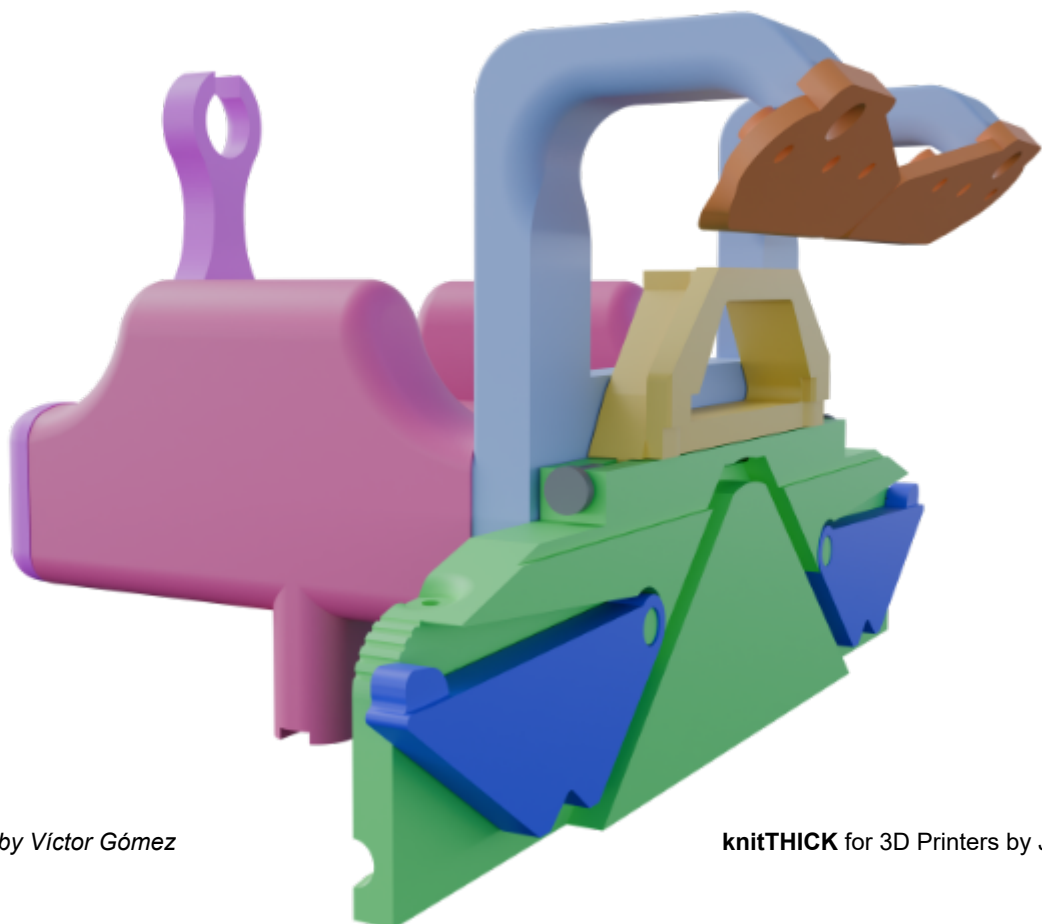
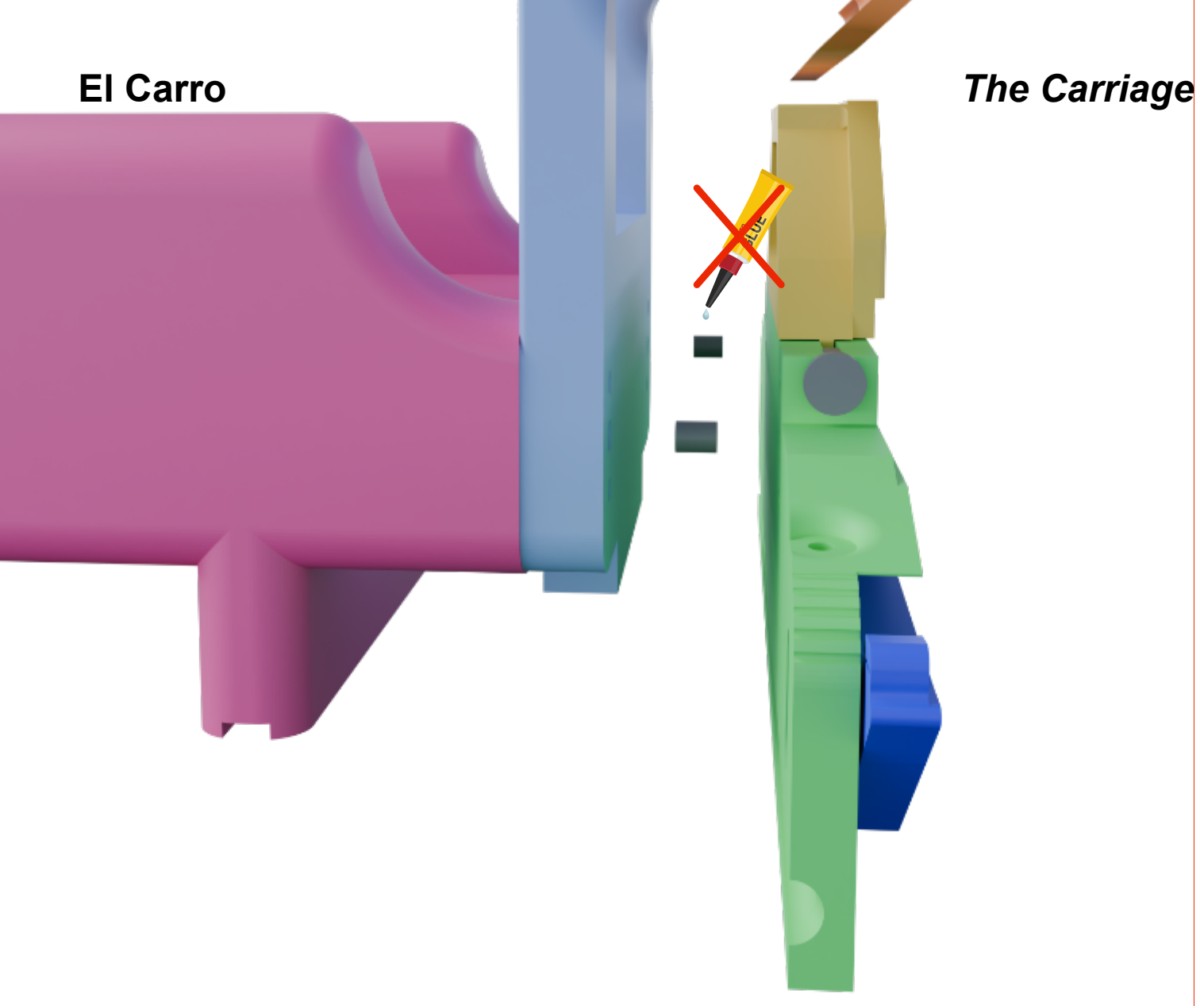
El Carro

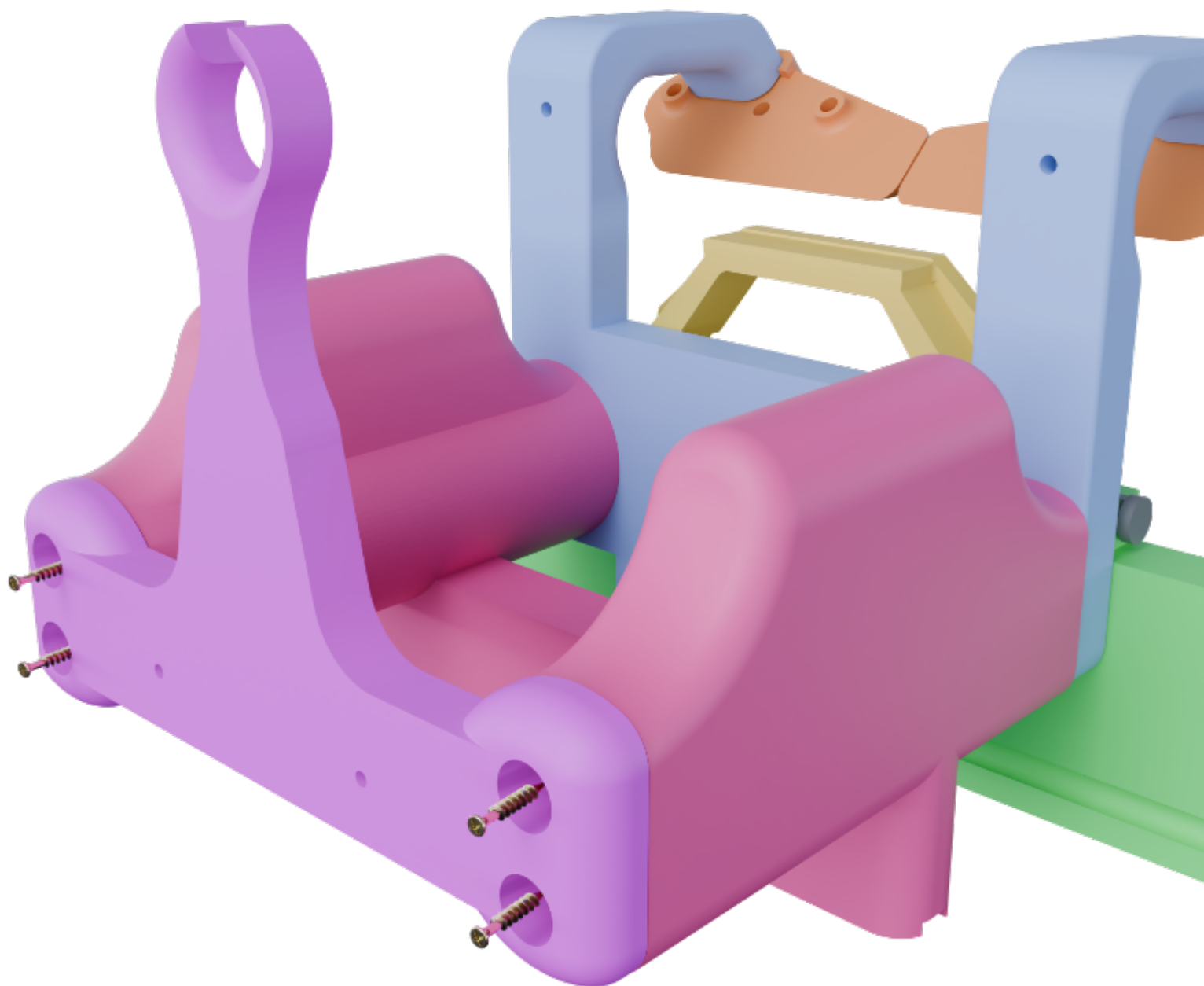
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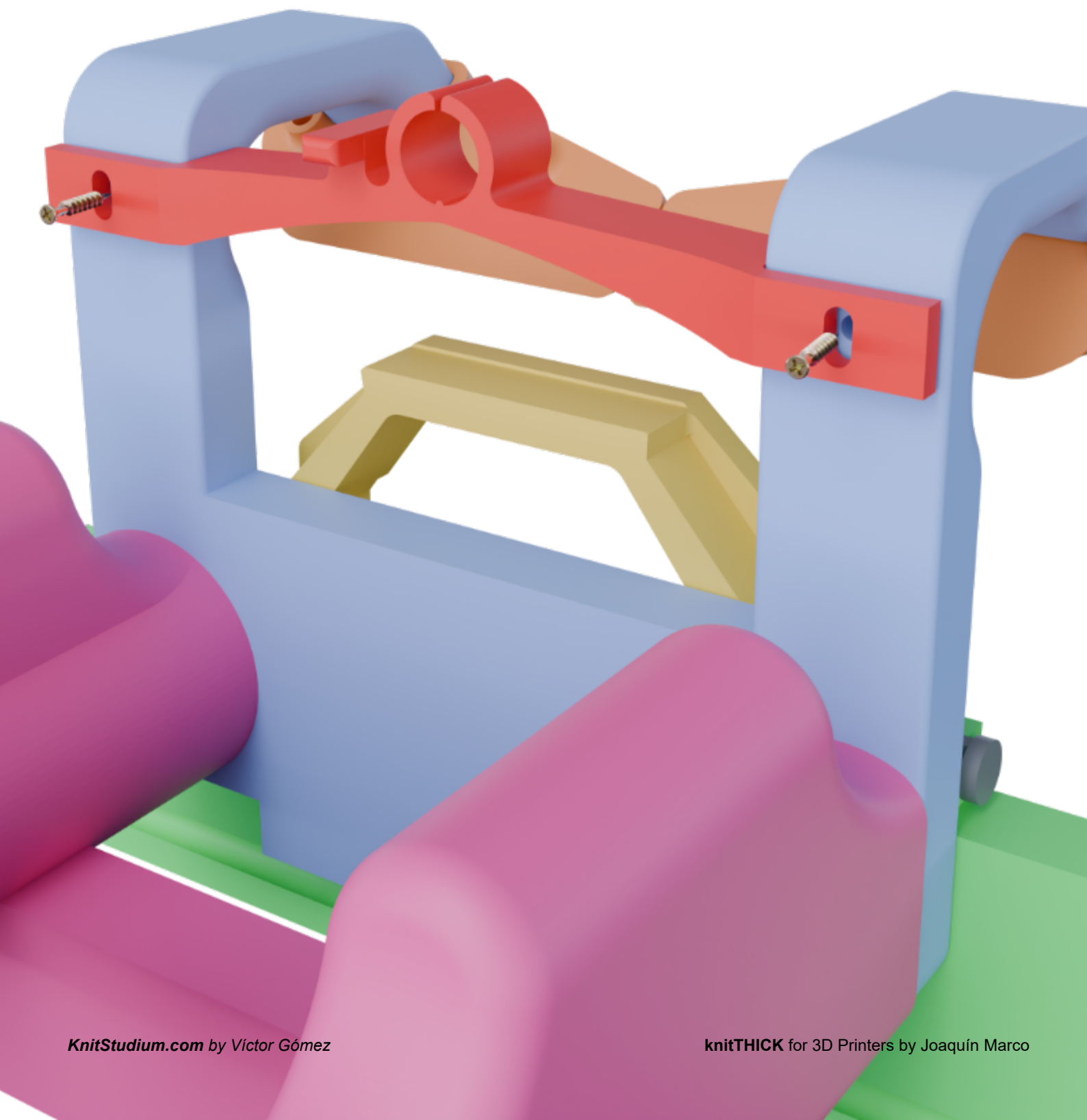


El Carro

The Carriage

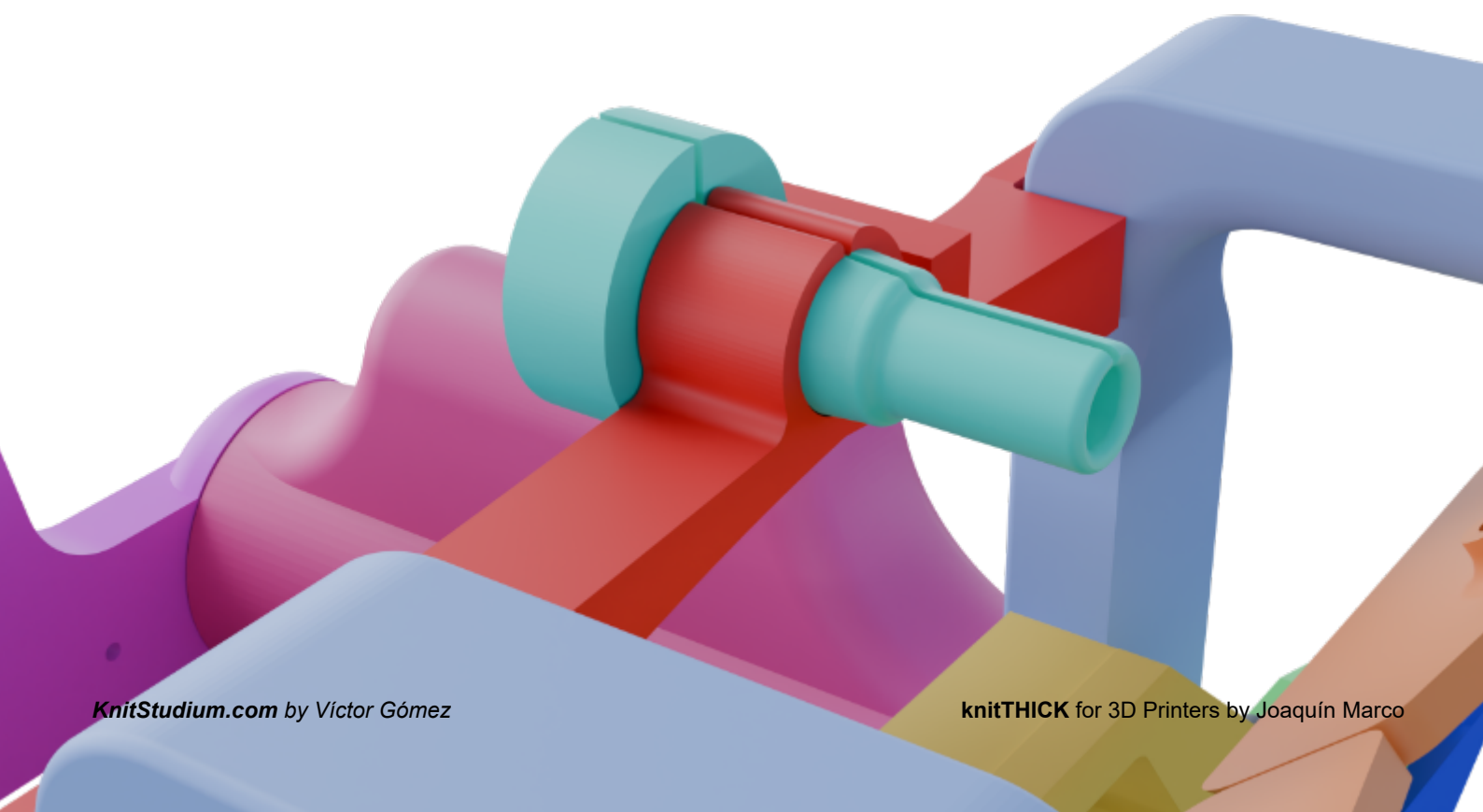
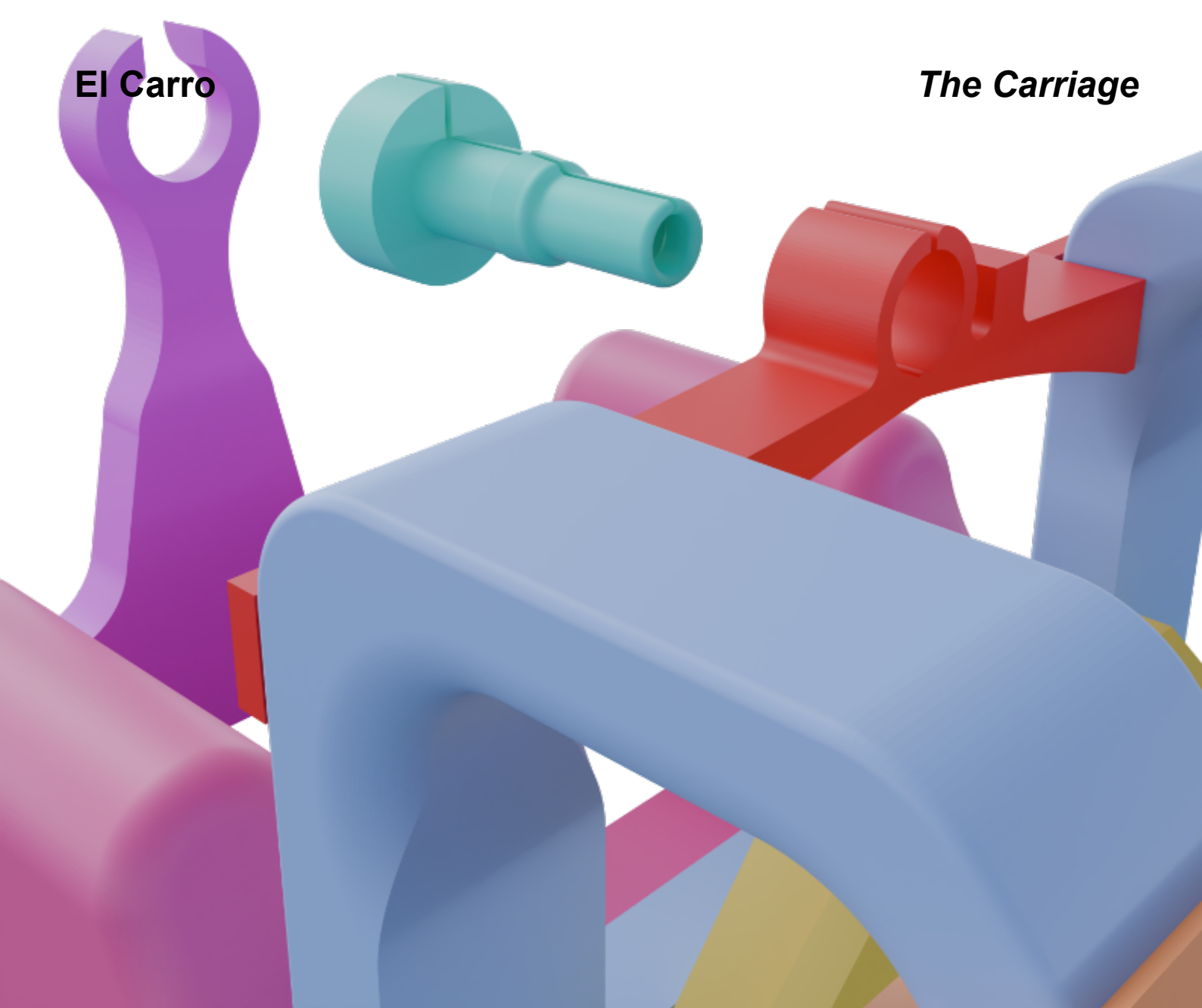


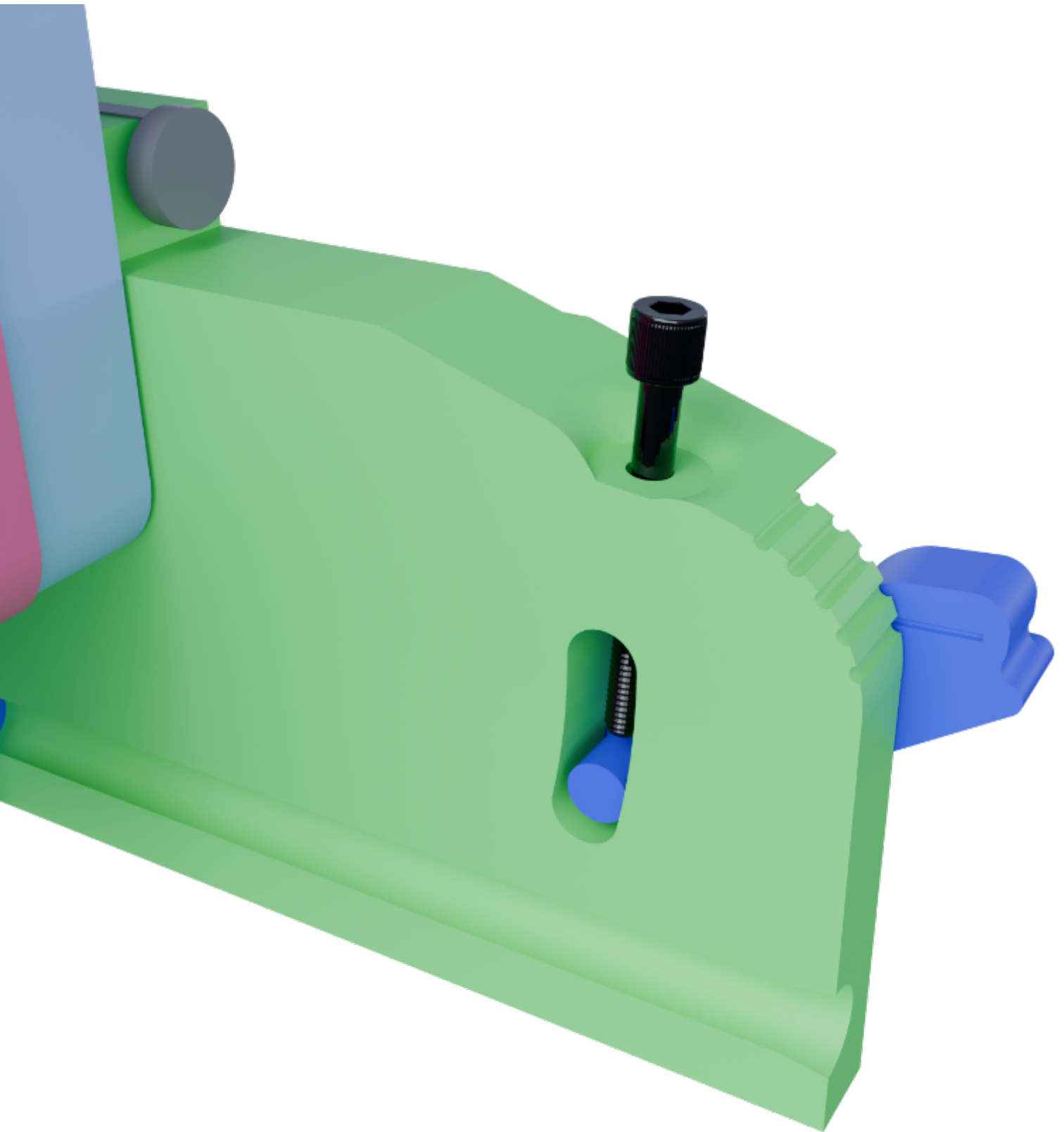




El Carro

The Carriage

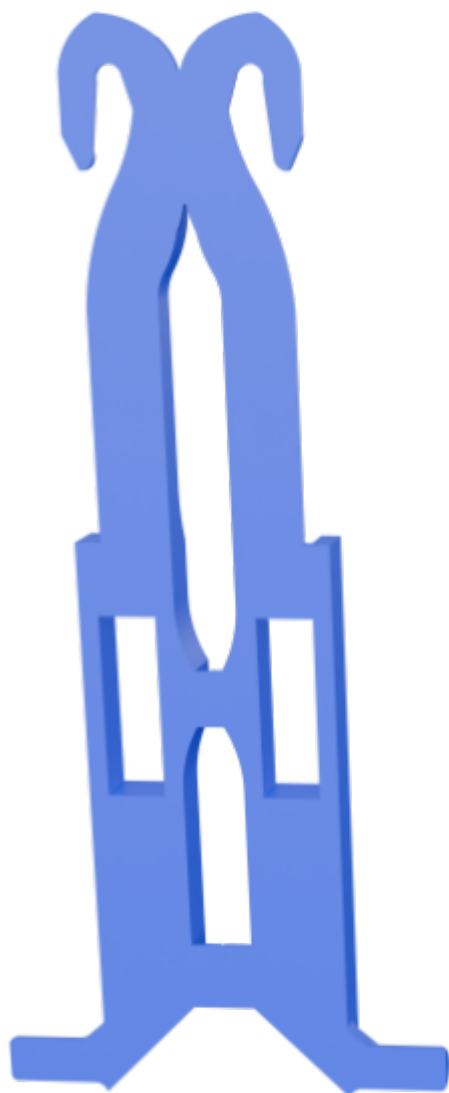




Introduce un tornillo, esto ayudará a ajustar la tensión de la malla
Insert a screw; this will help to adjust the tension of the mesh.

La Aguja

The Needle



Dobla la aguja por la mitad
Fold the needle in half

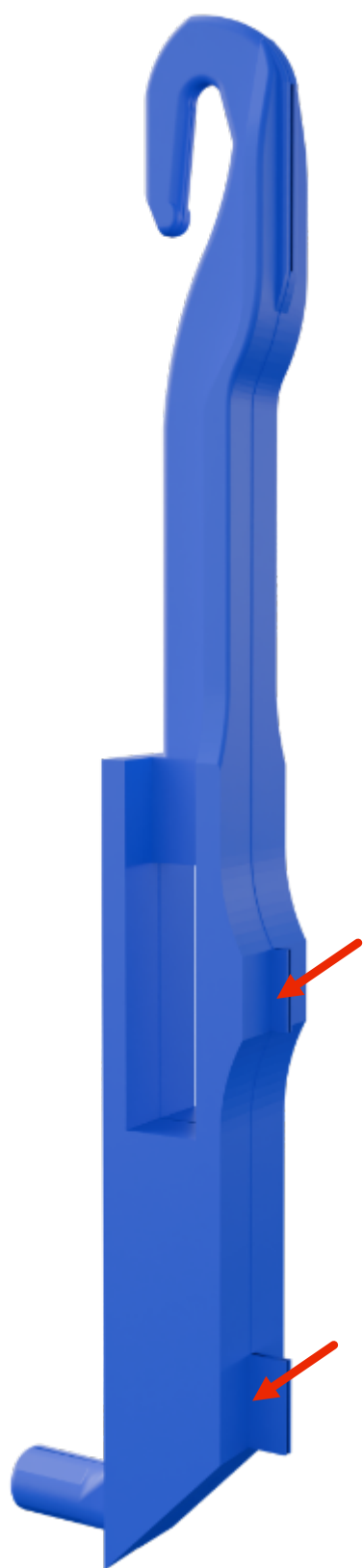


Echa pegamento por todo su interior
Spread glue all over the inside



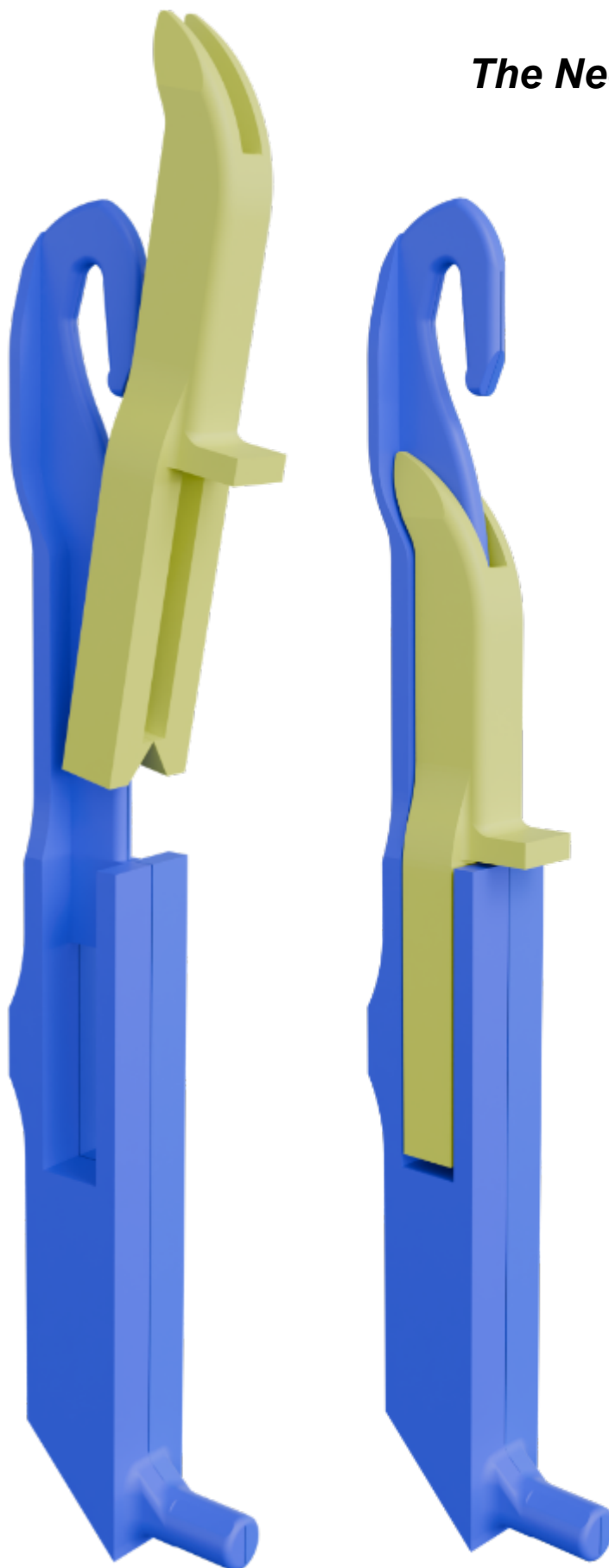
Aprieta hasta secar
Squeeze until dry

La Aguja



Recorta el sobrante al ras
Trim the excess flush with the edge

The Needle

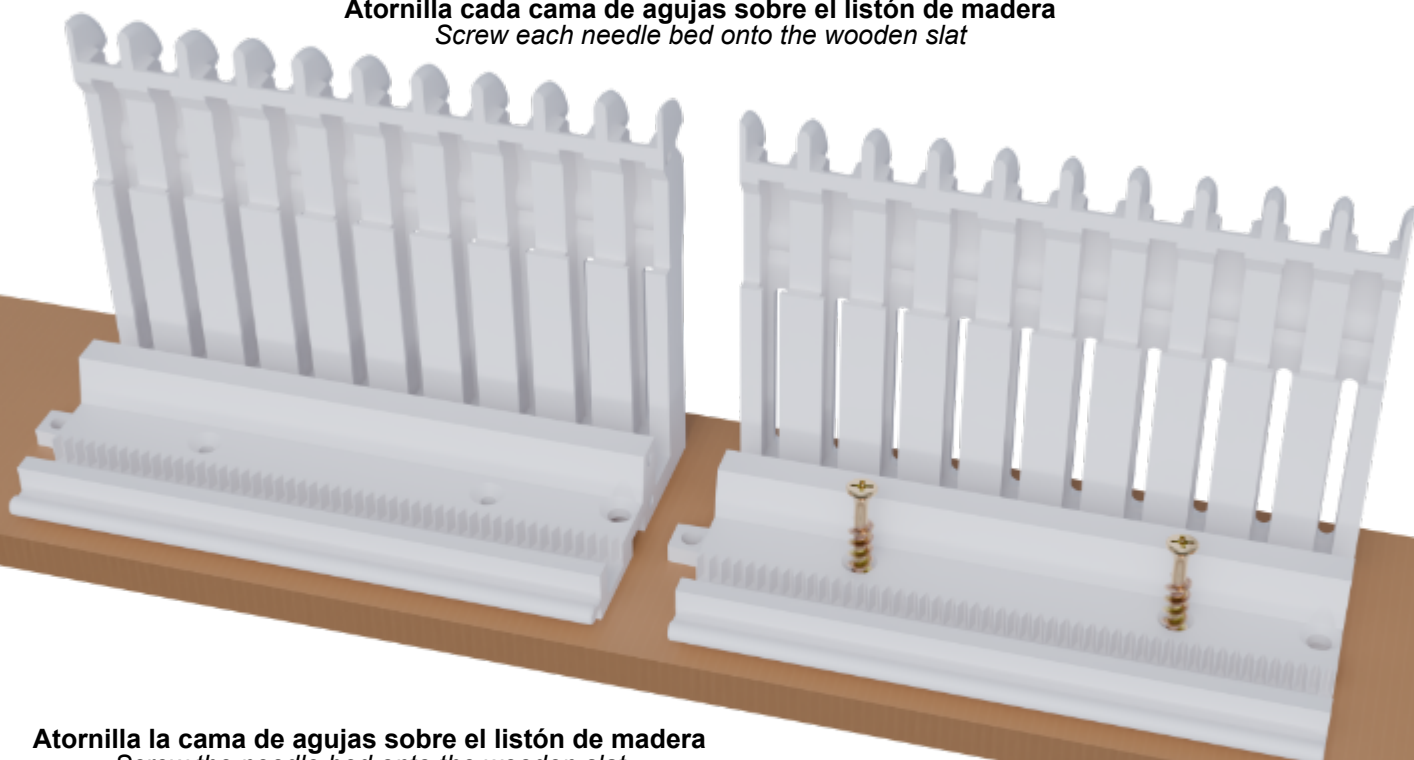


Coloca el retén
Place the retainer

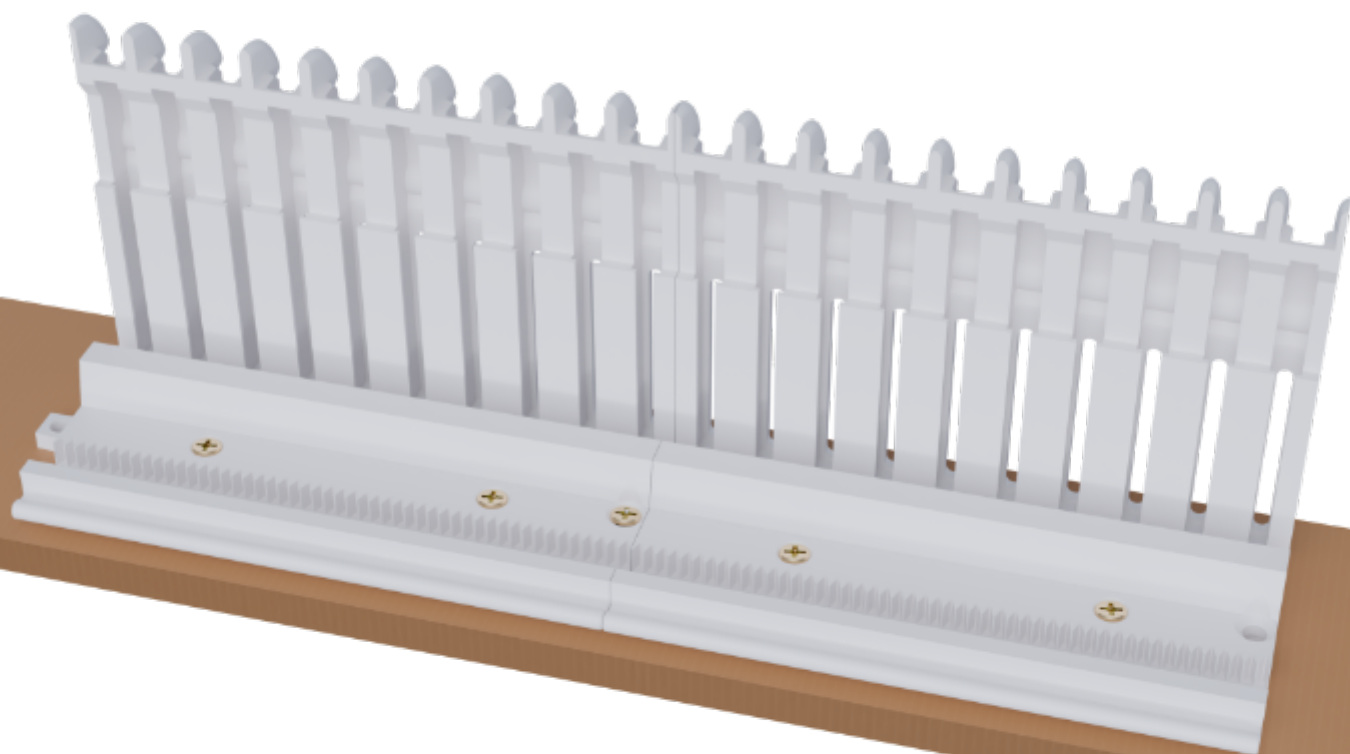
La Cama de Agujas

The Needle Bed

Atornilla cada cama de agujas sobre el listón de madera
Screw each needle bed onto the wooden slat



Atornilla la cama de agujas sobre el listón de madera
Screw the needle bed onto the wooden slat



Conecta tantas camas de agujas como necesites
Connect as many needle beds as you require

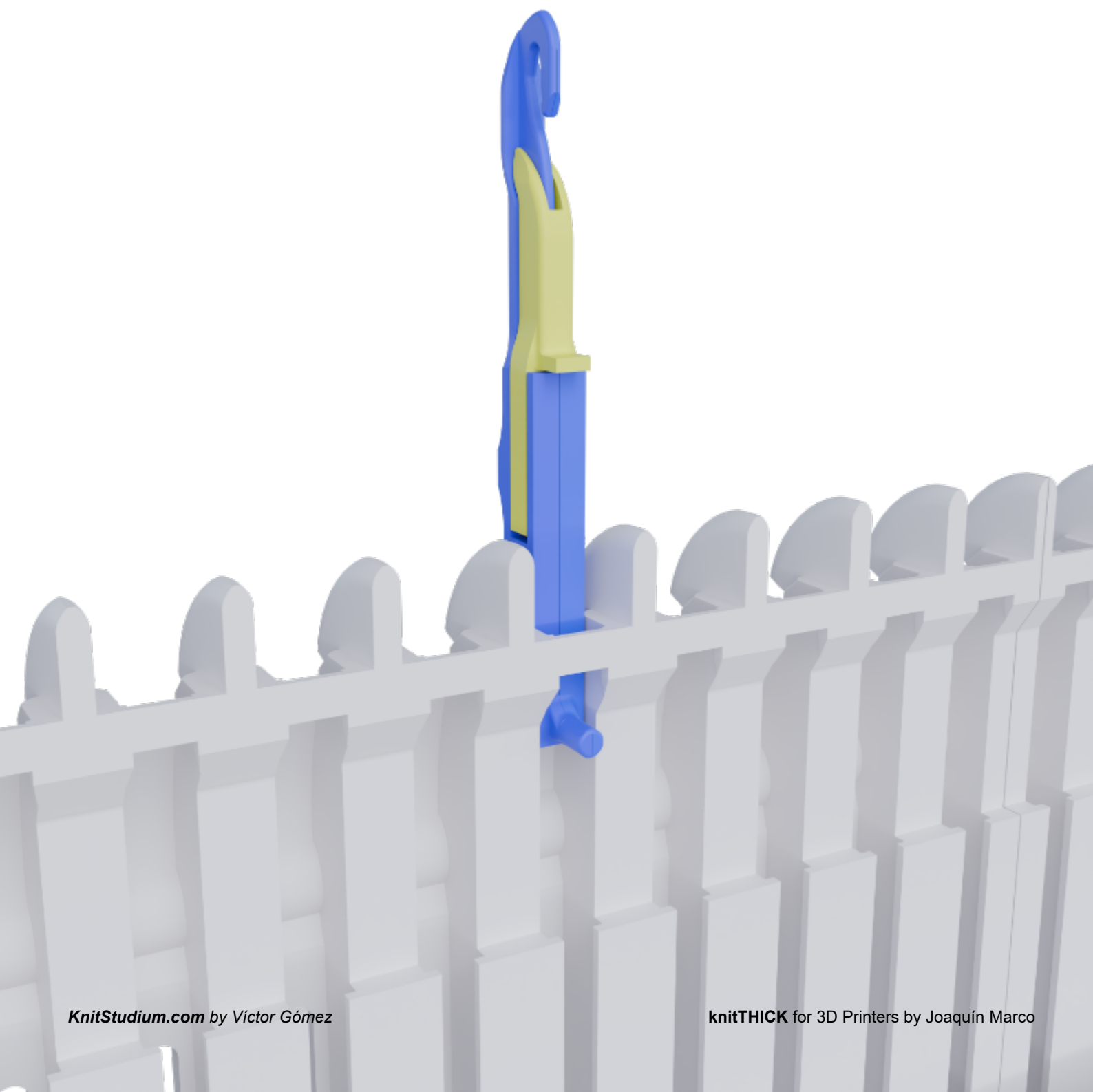
La Cama de Aguja

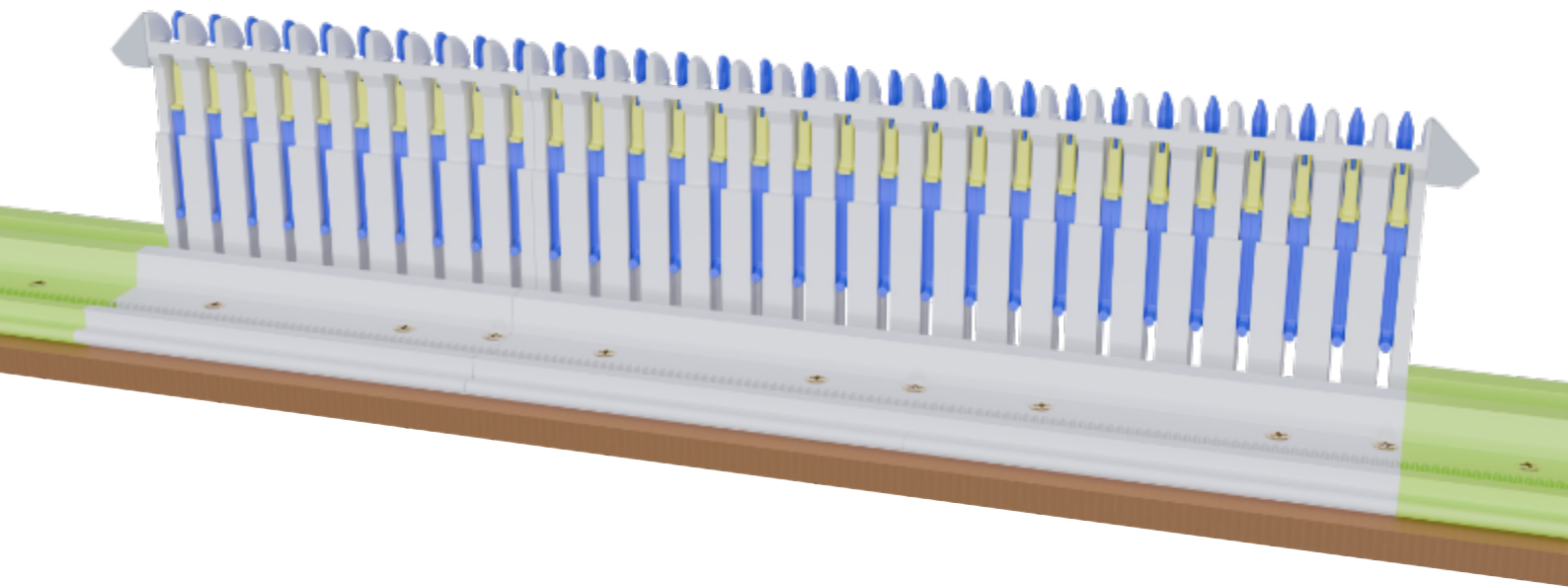
The Needle Bed

Atornilla ambos laterales de la cama de agujas
Screw both sides of the needle bed in place

Coloca las terminaciones de ambos laterales de la cama de agujas
Place the ends on both sides of the needle bed

Introduce las agujas en sus correspondientes carriles
Insert the needles into their corresponding slots





Introduce el carro por un lateral en el raíl
Insert the carriage into the rail from the side

