



BUILD YOUR OWN

Tensegrity Model

WITH ANN & CHRIS FREDERICK and GERALD DE JONG

Pretenst Tensegrity Kit

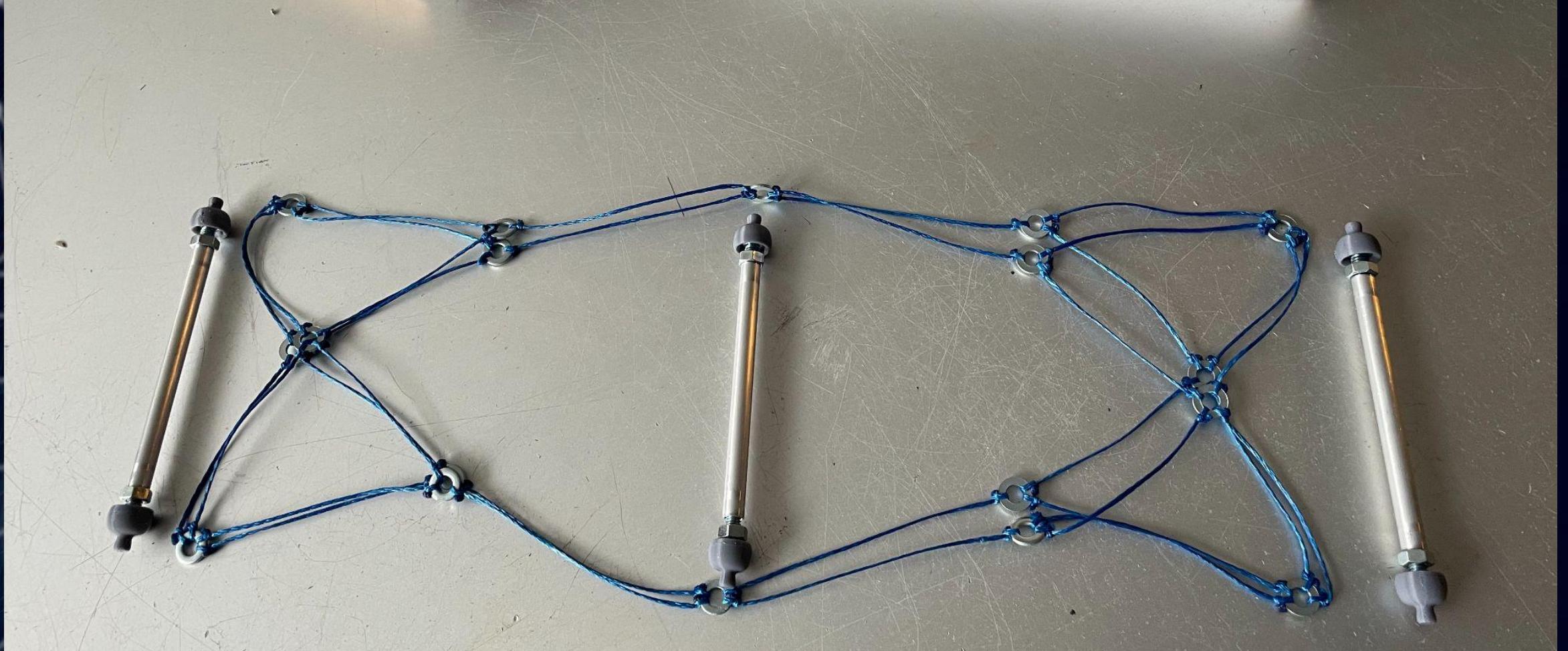
- *7 short push-struts*
- *2 long push-struts*
- *tough cords with rings*



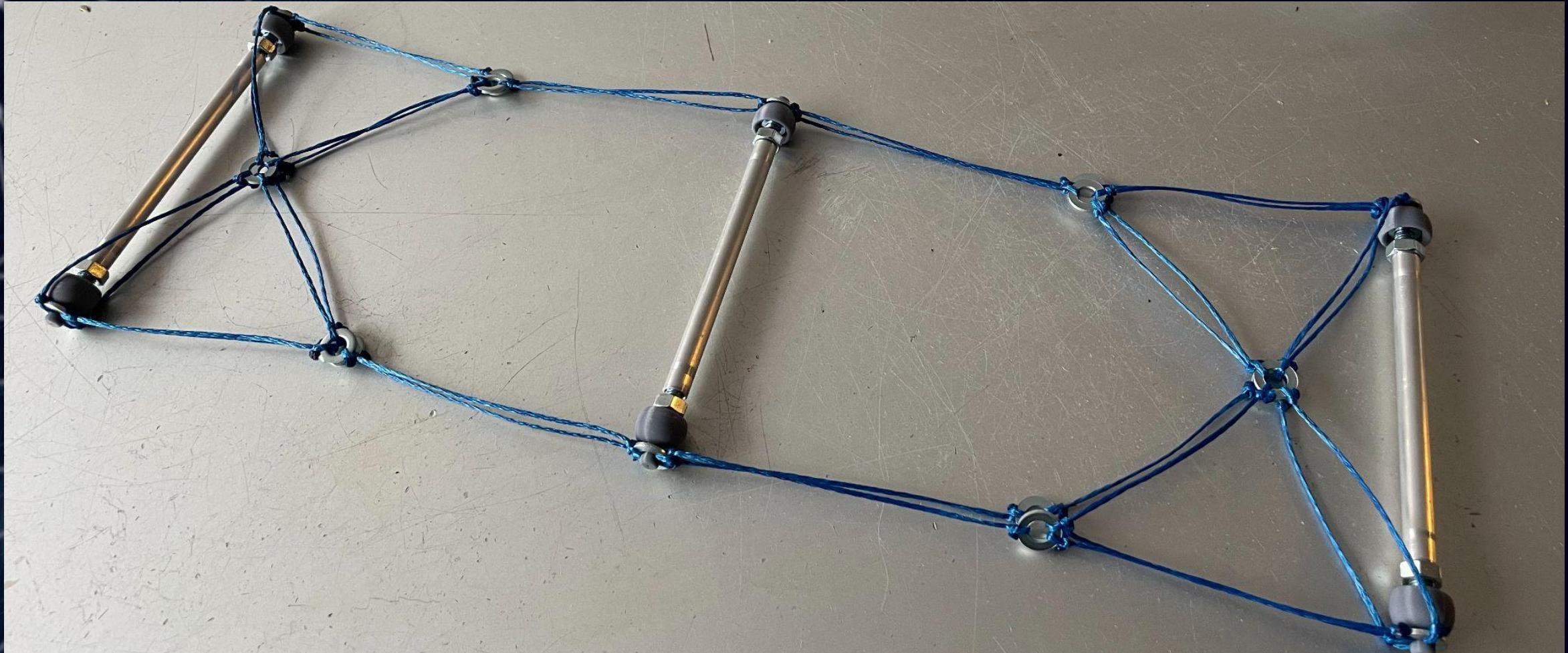
First lay the tension net flat



See where the first three bars go

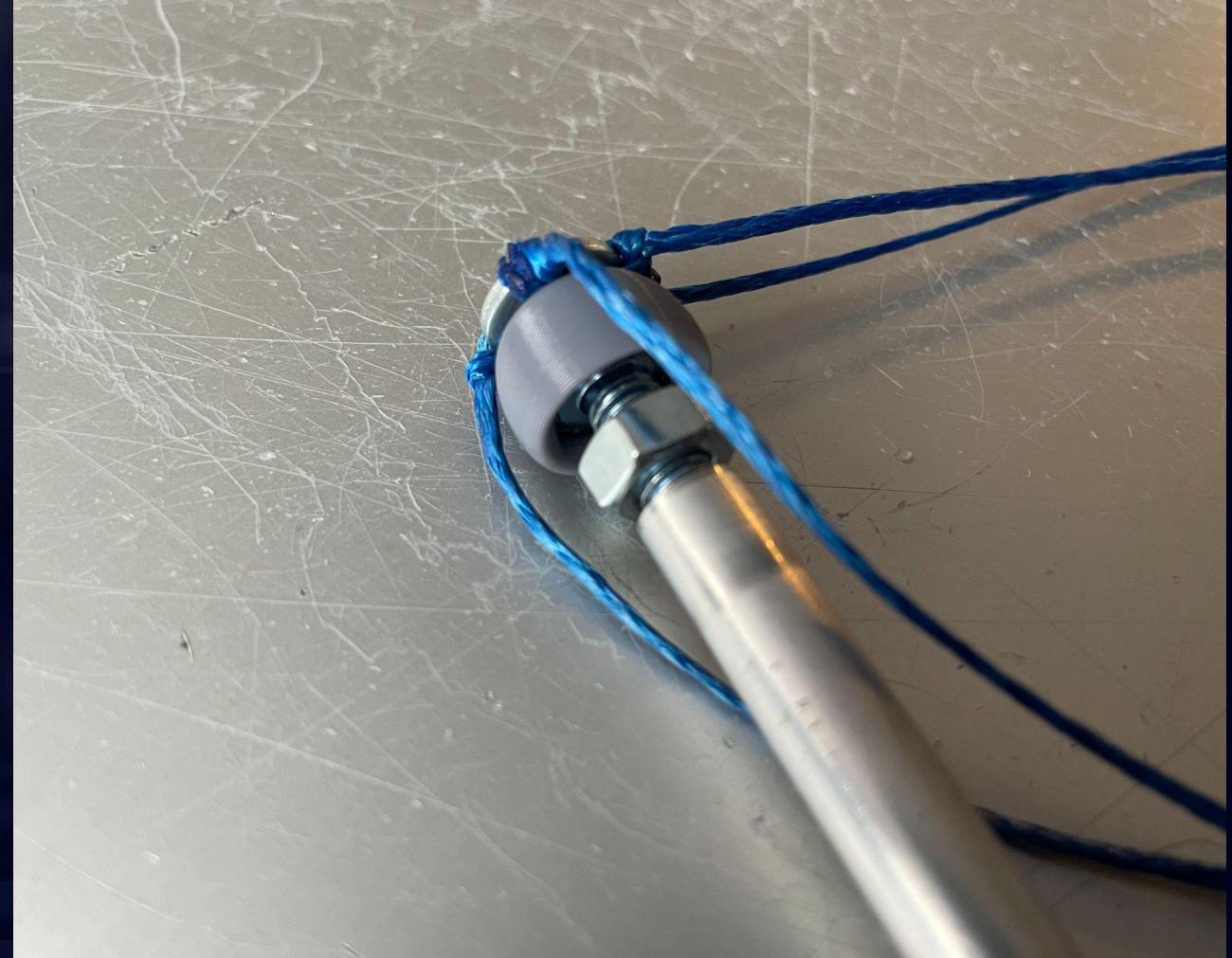


Pop the bars into the rings

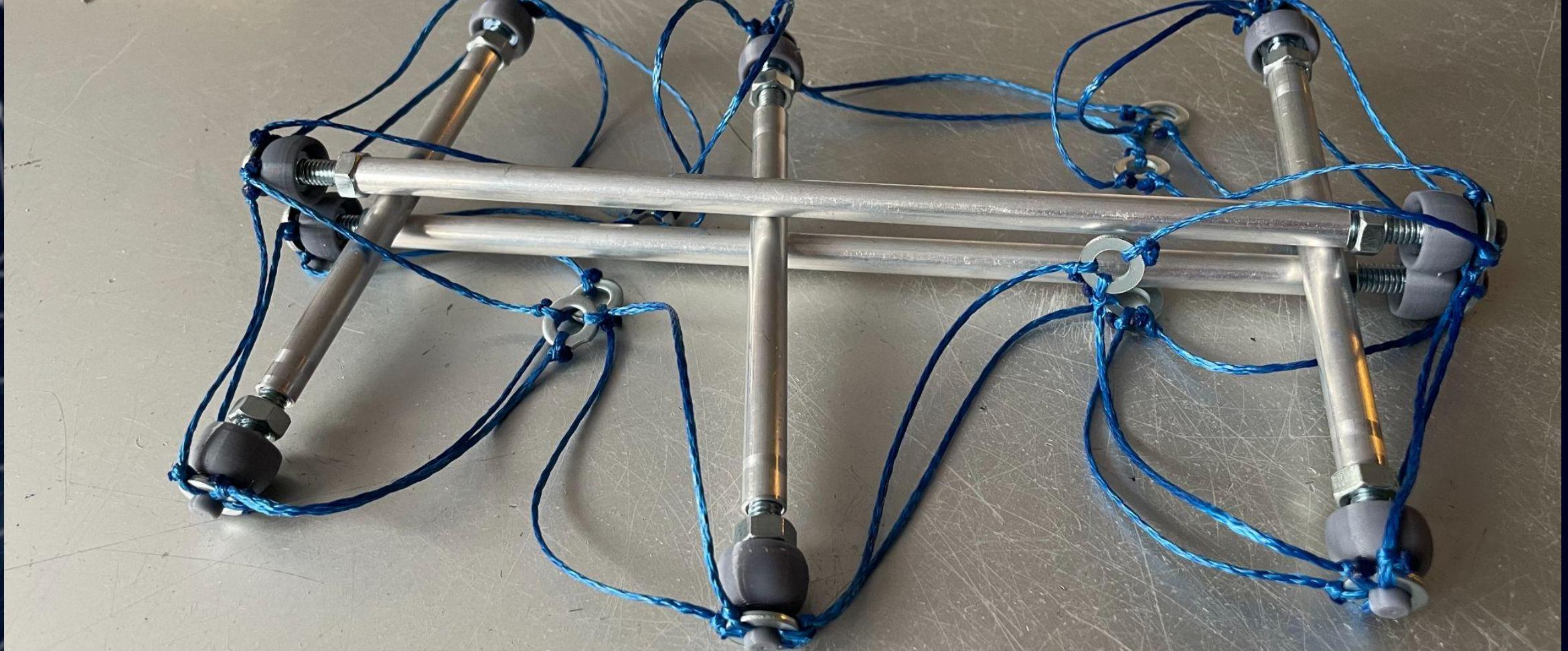


Make sure

- *no cord twisting*
- *no inside-out*
- *no ring upside-down*
- *four different directions, or three*



Now long struts above and below

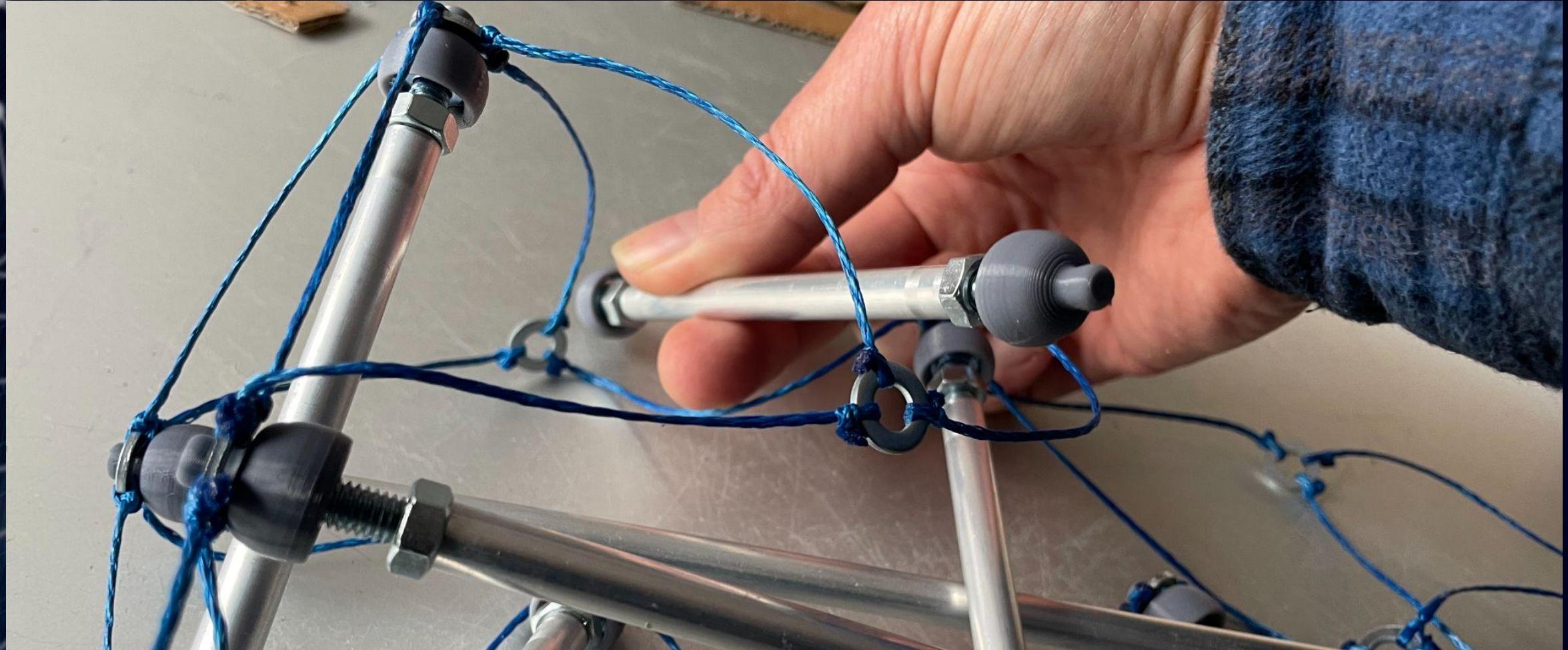


Look for pairs of rings

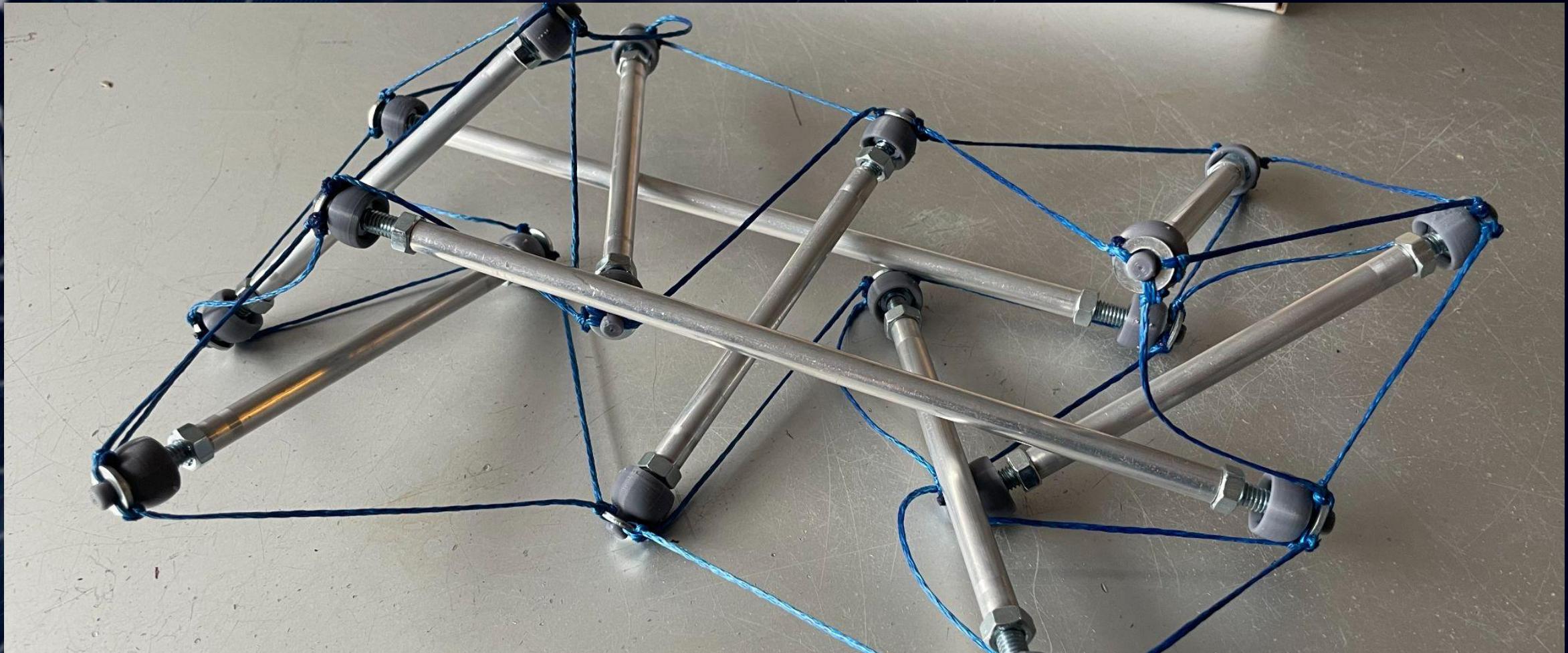
- *above and below*
- *close together*
- *we will push these apart*



Pushing the four pairs apart



Finished, but it starts slack...



Extend struts by turning the nut

- *turn the nut to make the strut longer*
- *extend the short struts all by the same amount*
- *extend longer bars some more*
- *gradually the structure will tighten*



Until the tensegrity is tight

