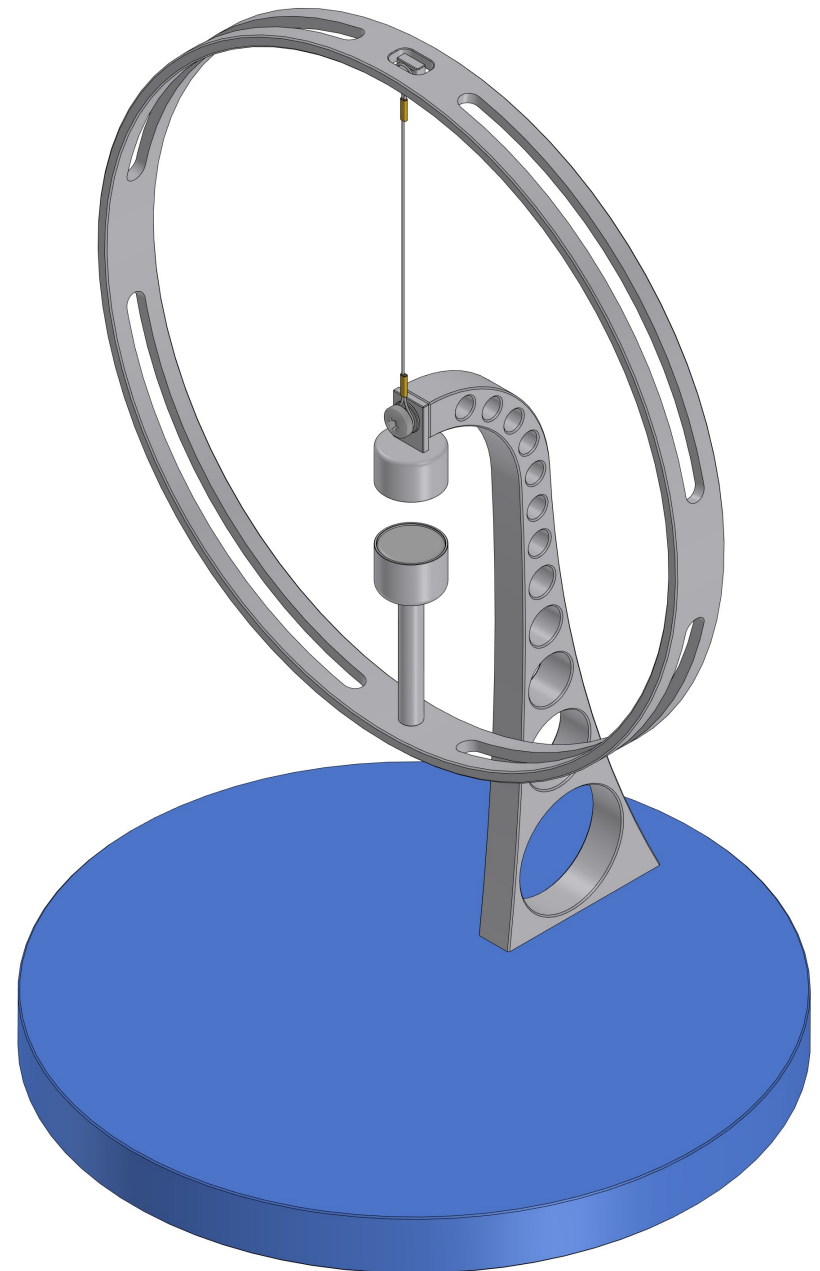


Kontax Tensegrity Loop assembly instructions

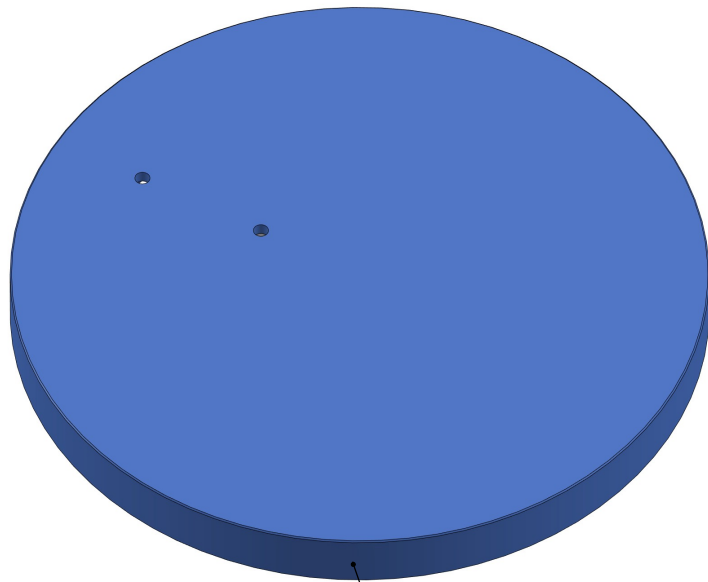
Please read all the way through the assembly instructions to familiarise yourself with the process before you start and pay close attention to the alignment of all the parts in the diagrams.

Assembly is very simple and should take approximately 10 minutes.

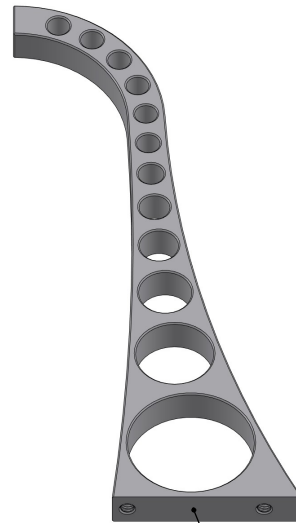
Please take great care when opening the bag of small parts! It is recommended to remove the packing tray from the box and open the bag over the box to catch dropped parts.



Parts 1



Base
1x

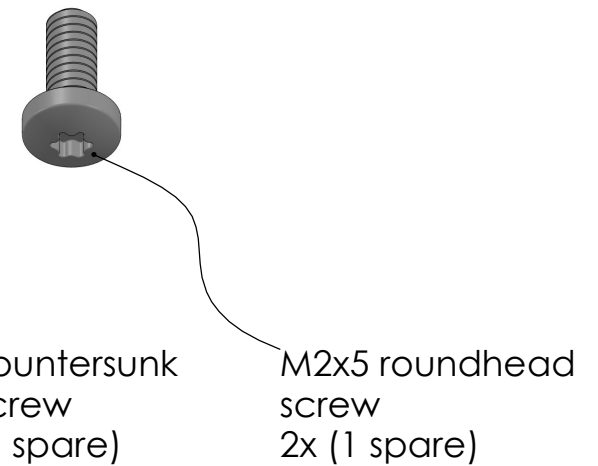
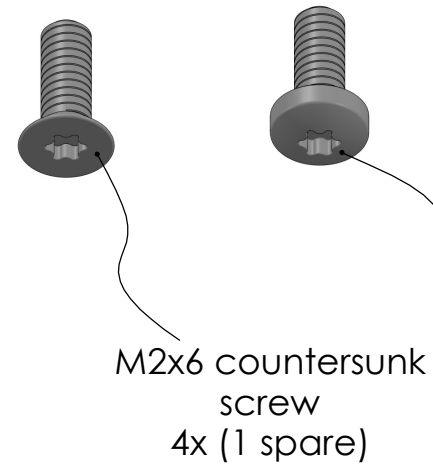
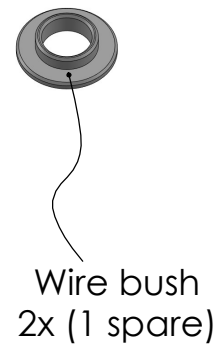
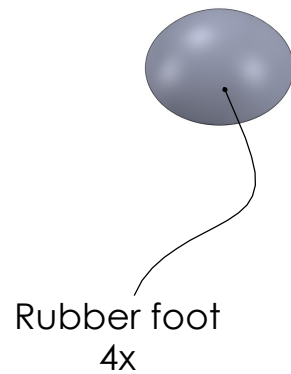
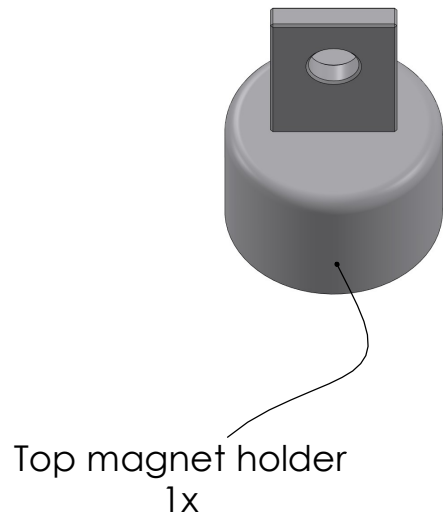
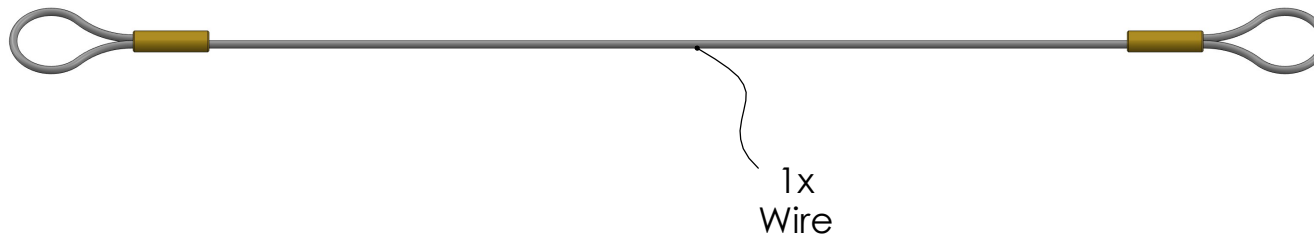
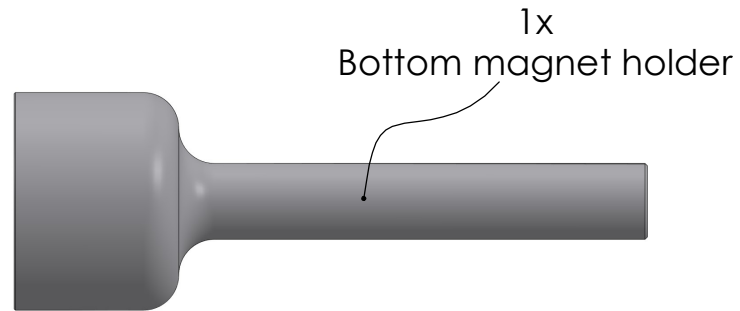


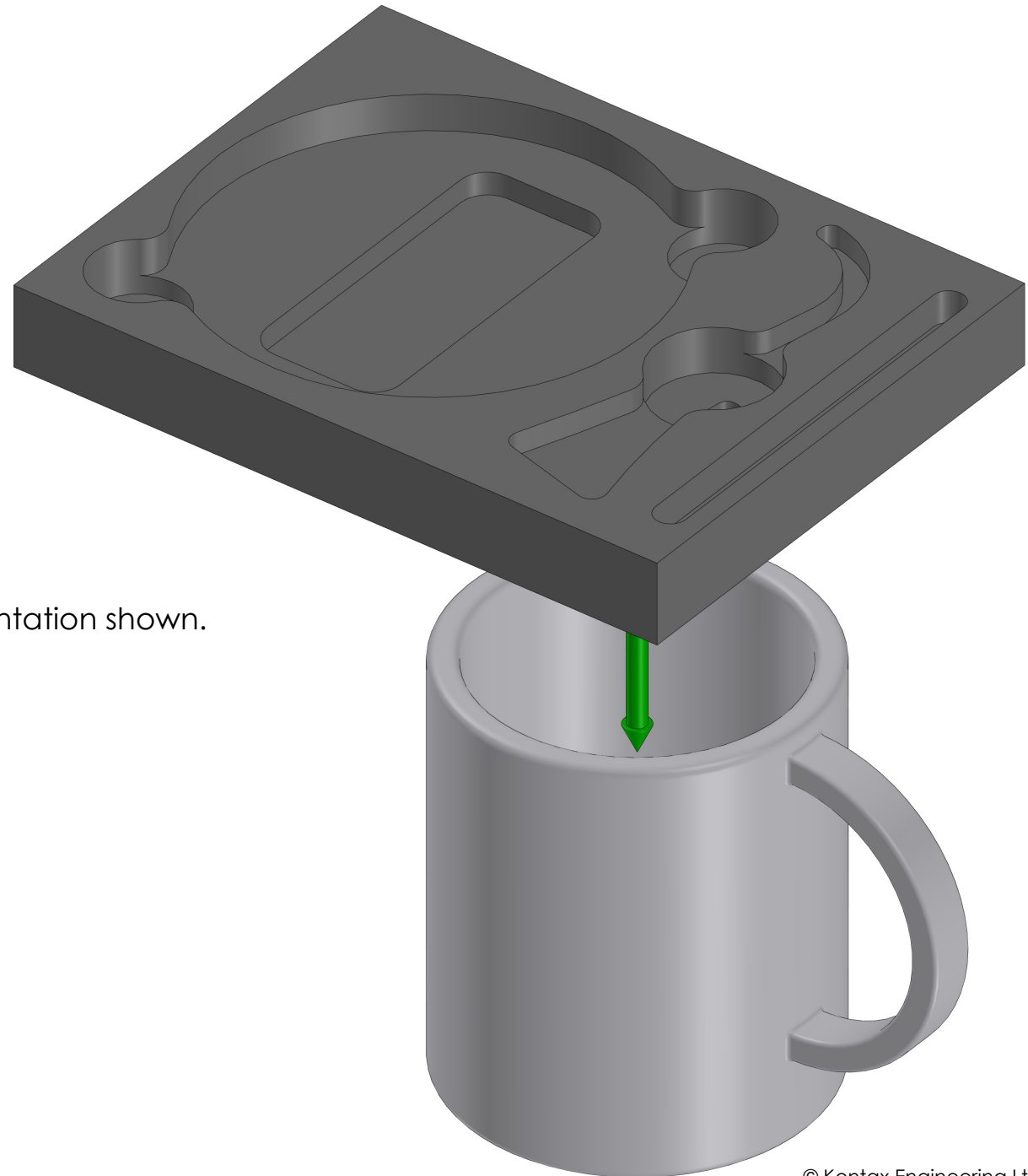
Arm
1x



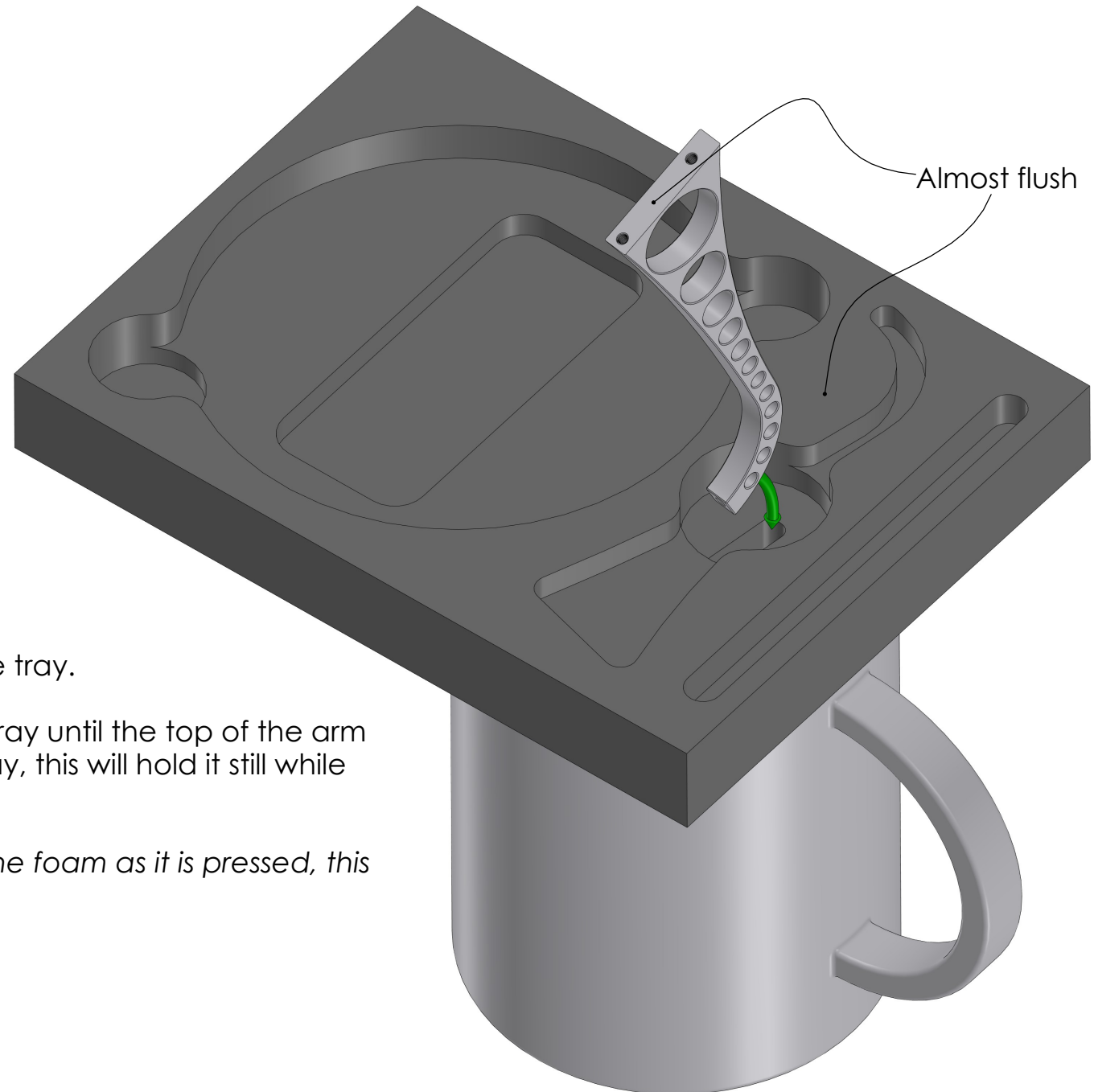
Ring
1x

Parts 2





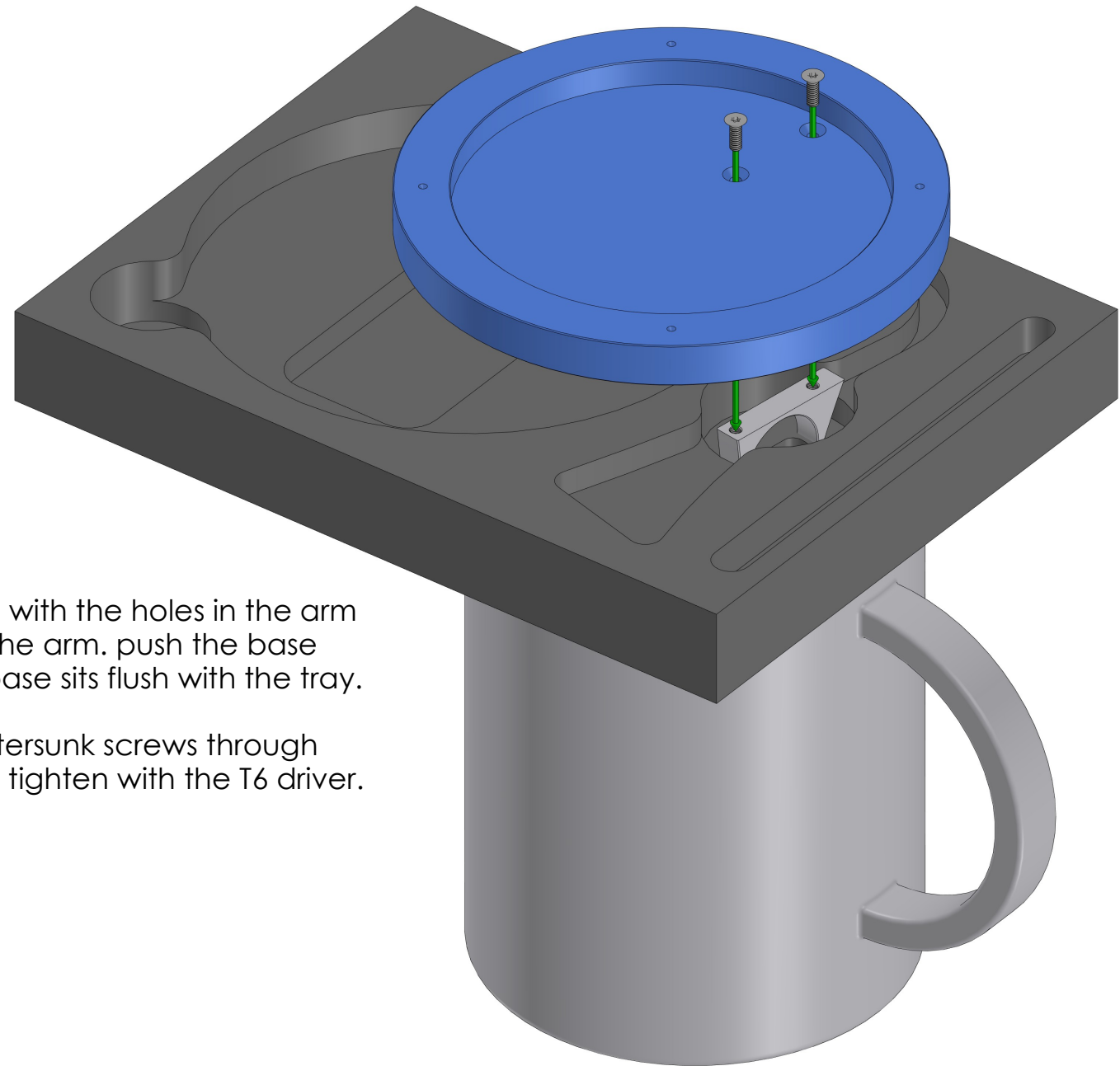
Place the tray over a mug in the orientation shown.



Fit the arm into the slot in the tray.

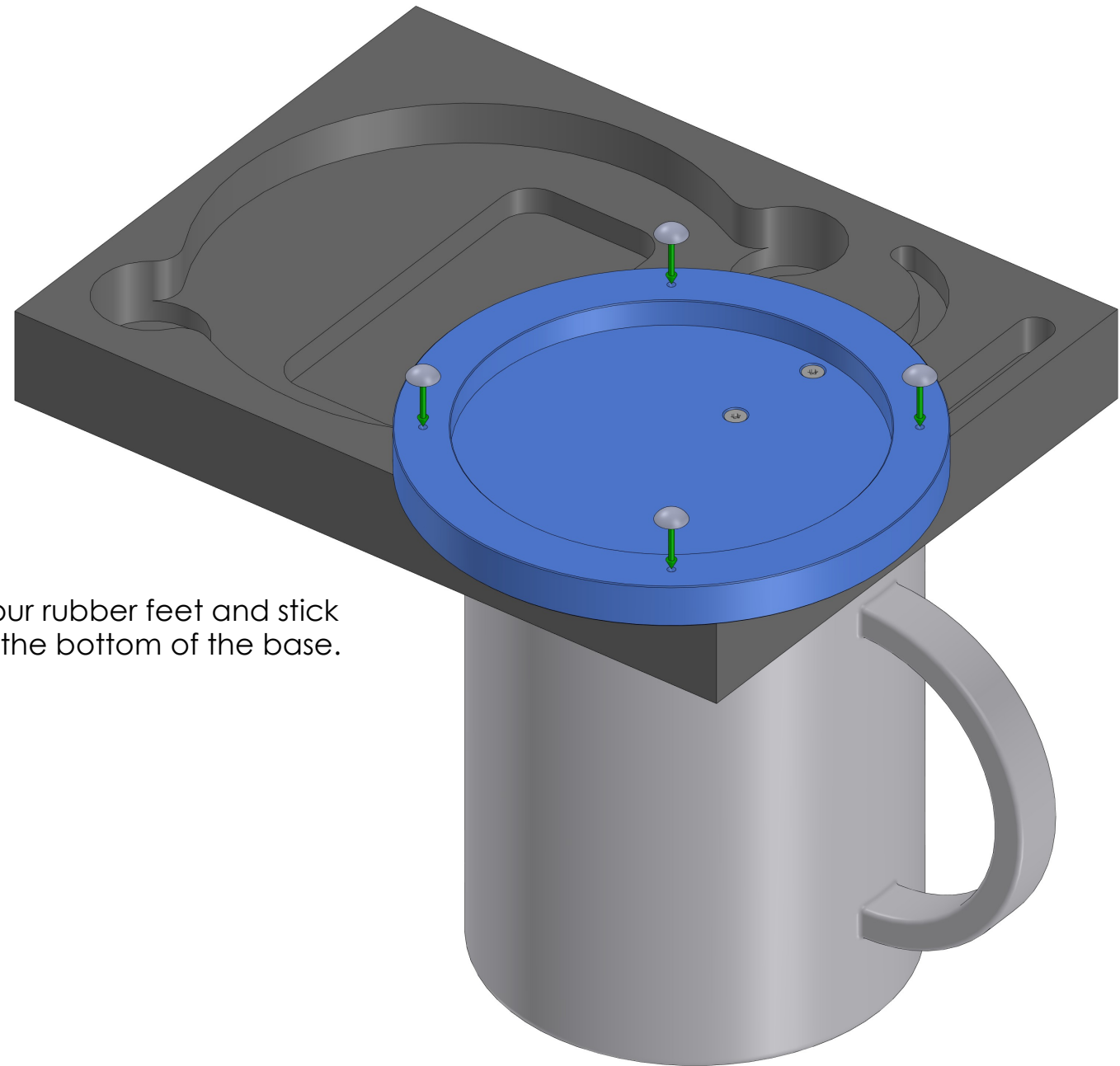
Push it down into the foam tray until the top of the arm is flush with the top of the tray, this will hold it still while the base is attached.

Note, the arm will bite into the foam as it is pressed, this is normal.

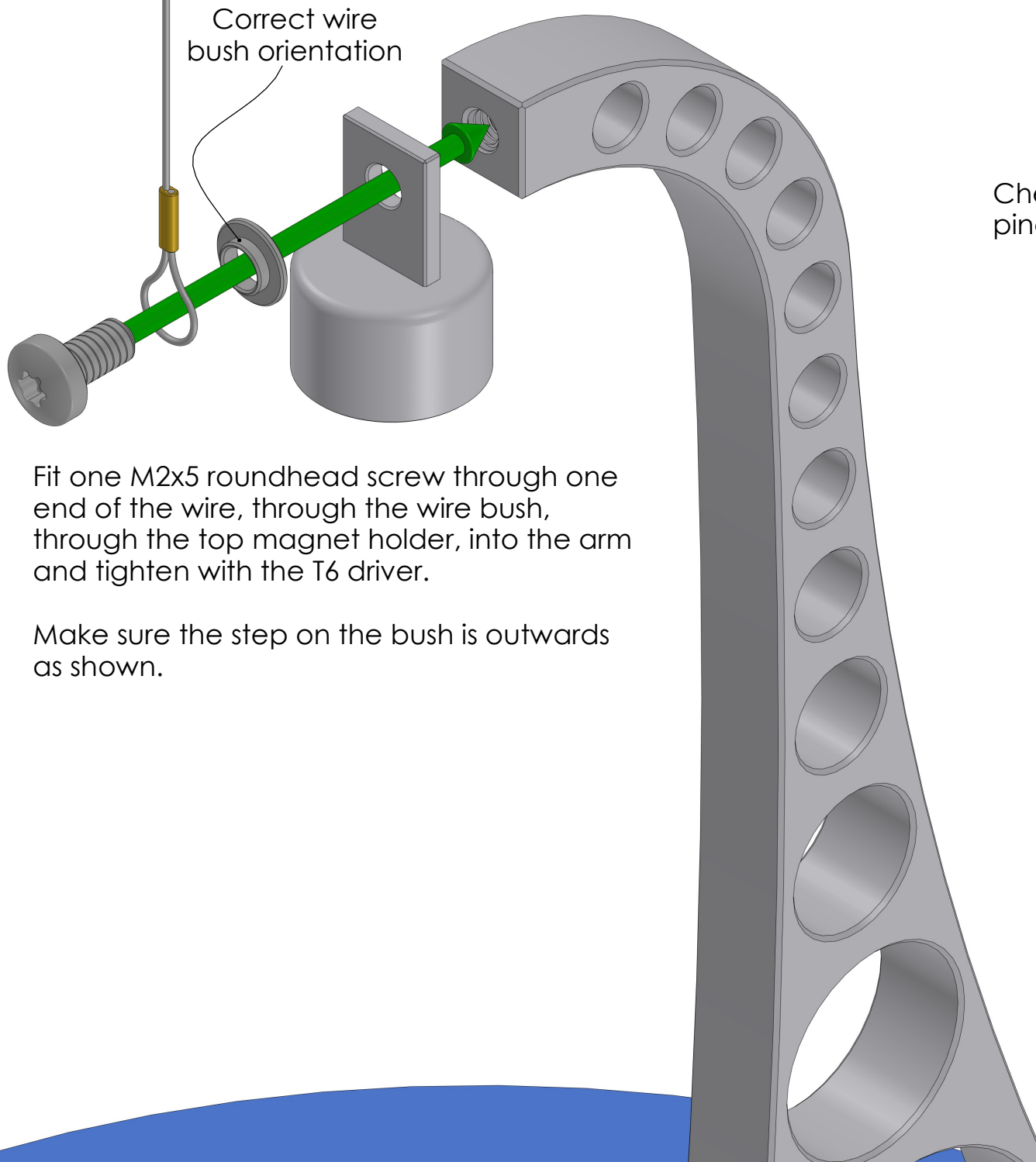


Align the holes in the base with the holes in the arm and lower the base onto the arm. push the base onto the arm so that the base sits flush with the tray.

Screw the two M2x6 countersunk screws through the base into the arm and tighten with the T6 driver.



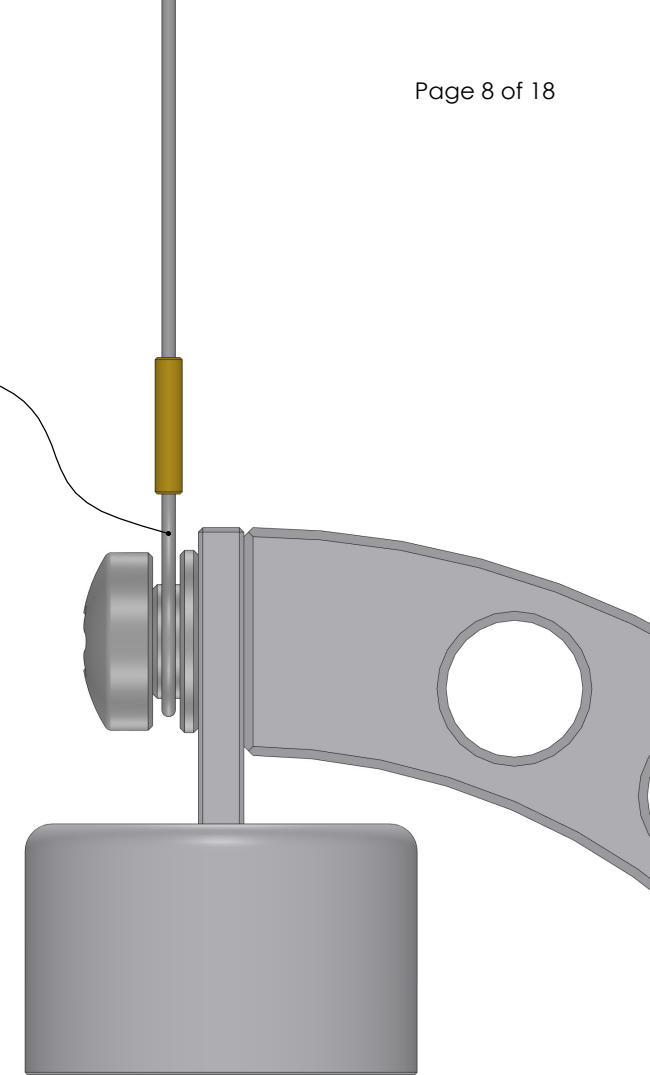
Peel the backing off the four rubber feet and stick them over the dimples on the bottom of the base.



Fit one M2x5 roundhead screw through one end of the wire, through the wire bush, through the top magnet holder, into the arm and tighten with the T6 driver.

Make sure the step on the bush is outwards as shown.

Check for pinching

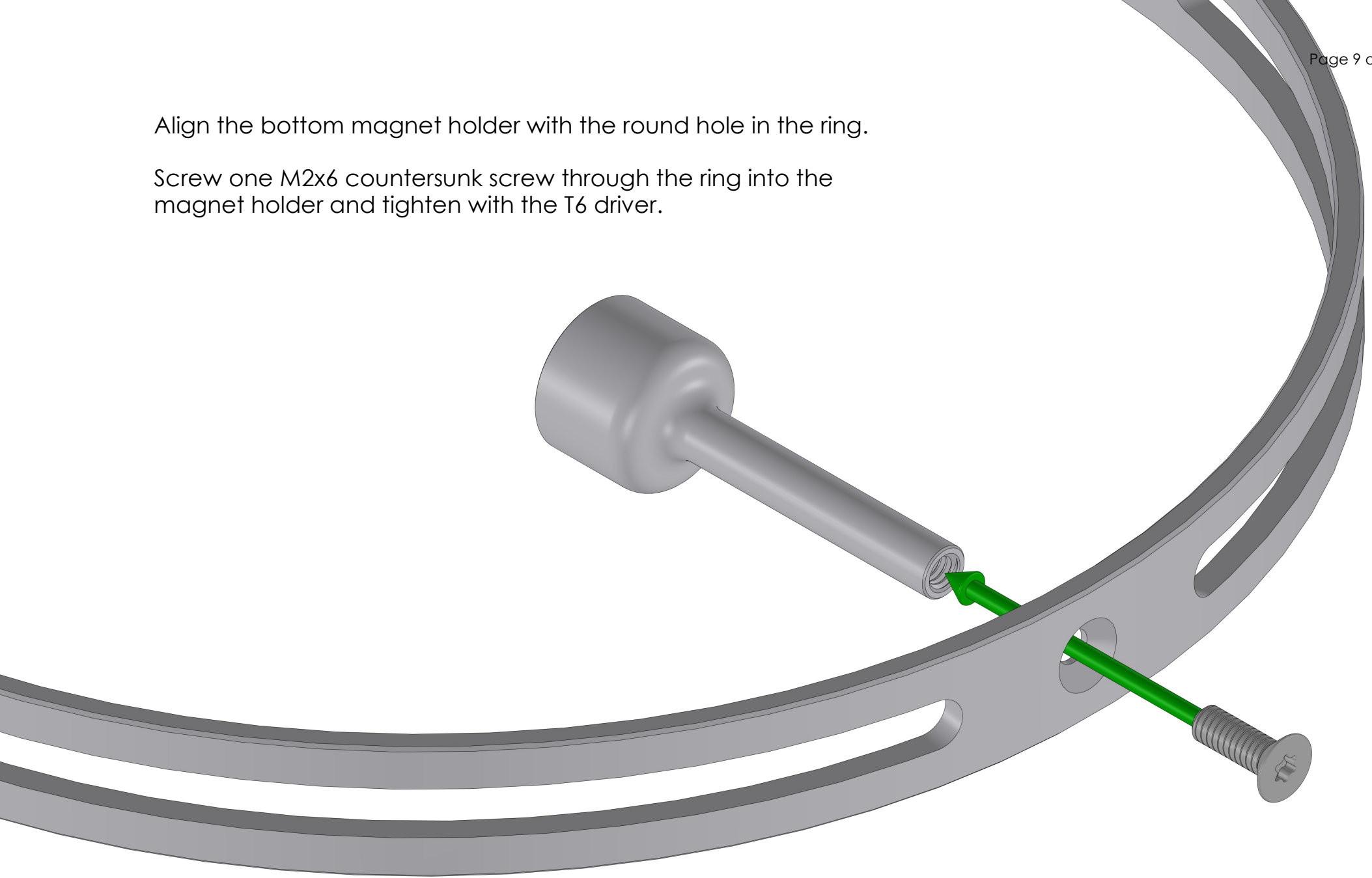


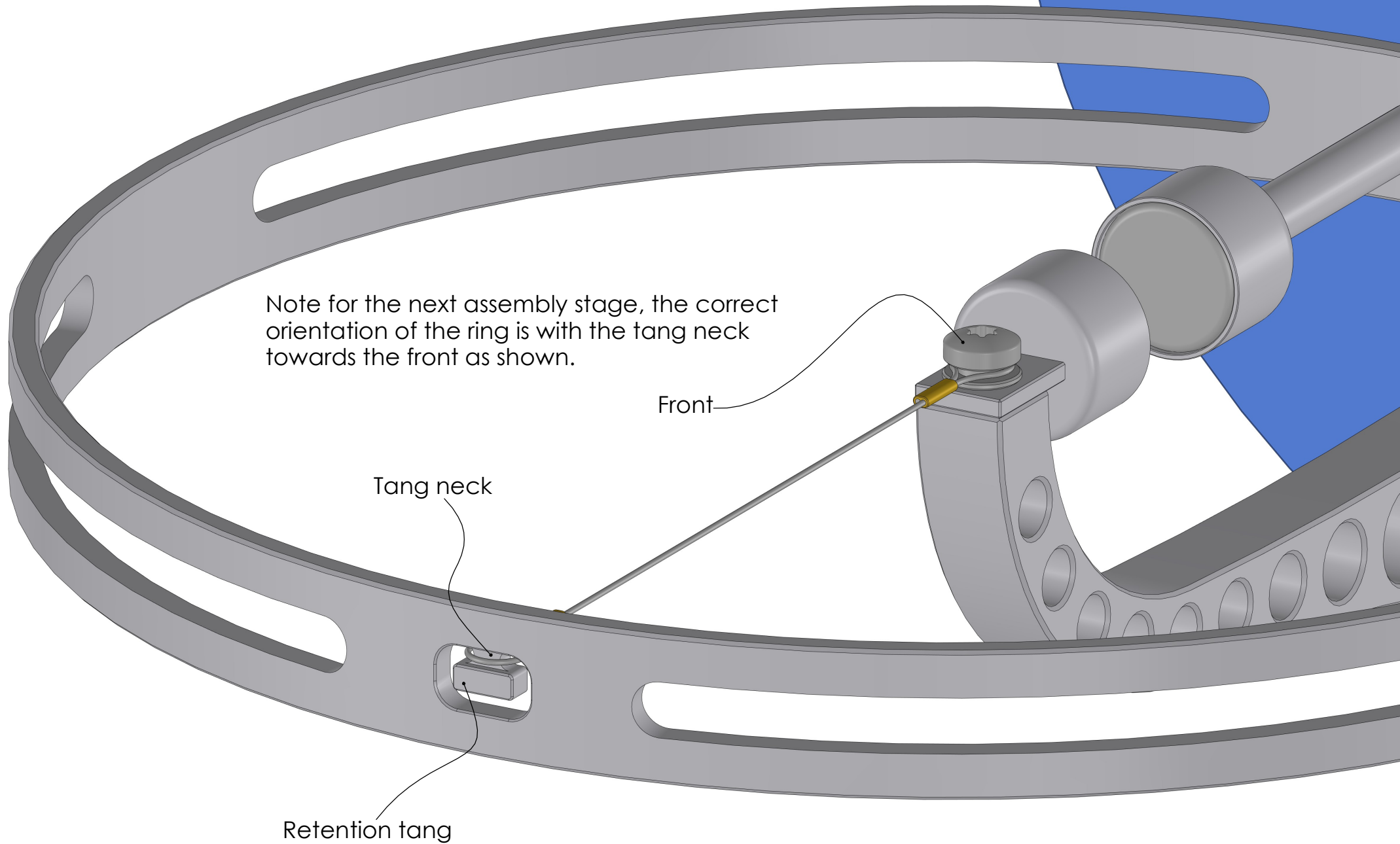
The wire should fit over the step on the wire bush and be trapped without pinching.

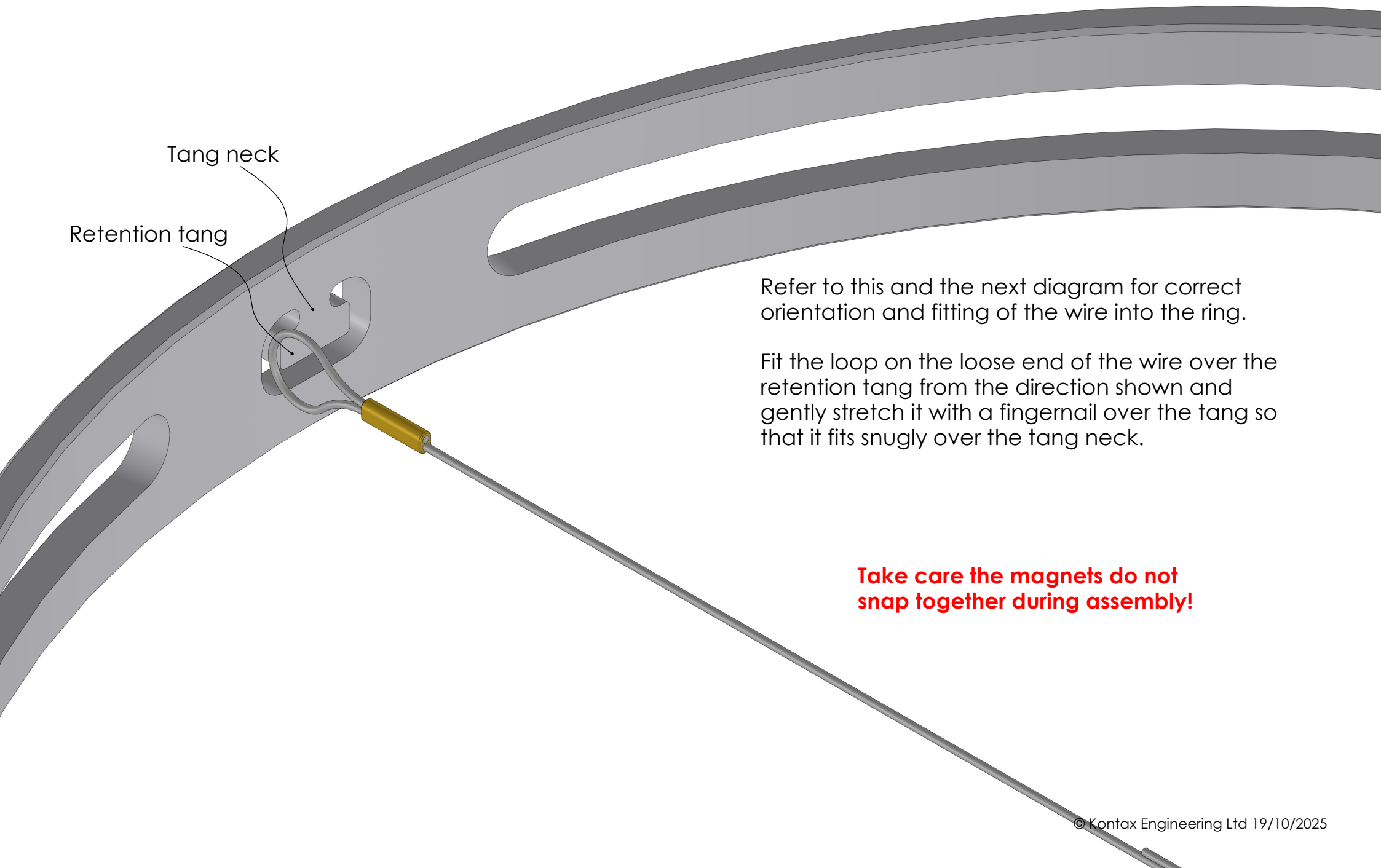
Check after tightening that the wire is not pinched and is able to rotate freely on the bush.

Align the bottom magnet holder with the round hole in the ring.

Screw one M2x6 countersunk screw through the ring into the magnet holder and tighten with the T6 driver.







Tang neck

Retention tang

Refer to this and the next diagram for correct orientation and fitting of the wire into the ring.

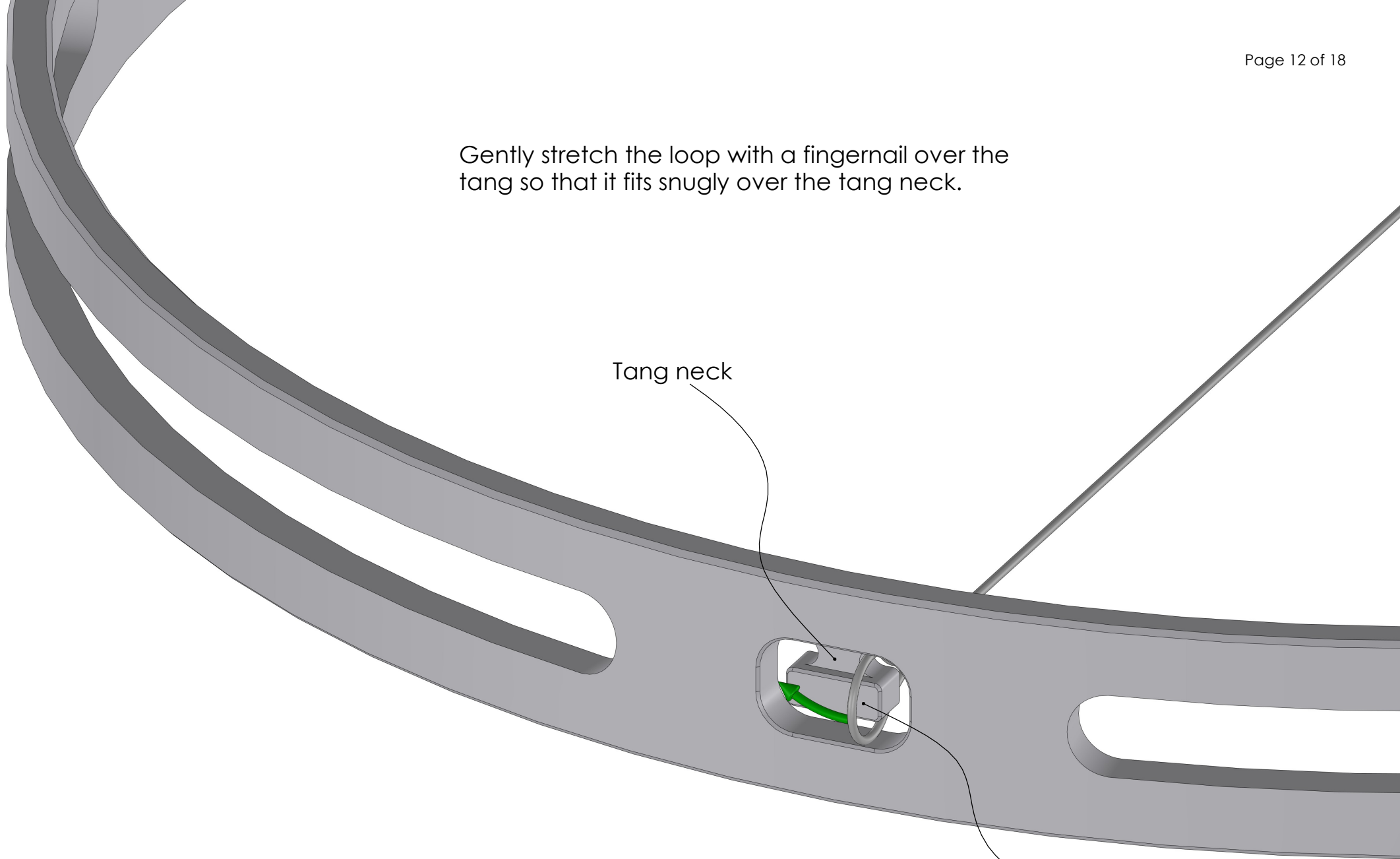
Fit the loop on the loose end of the wire over the retention tang from the direction shown and gently stretch it with a fingernail over the tang so that it fits snugly over the tang neck.

Take care the magnets do not snap together during assembly!

Gently stretch the loop with a fingernail over the tang so that it fits snugly over the tang neck.

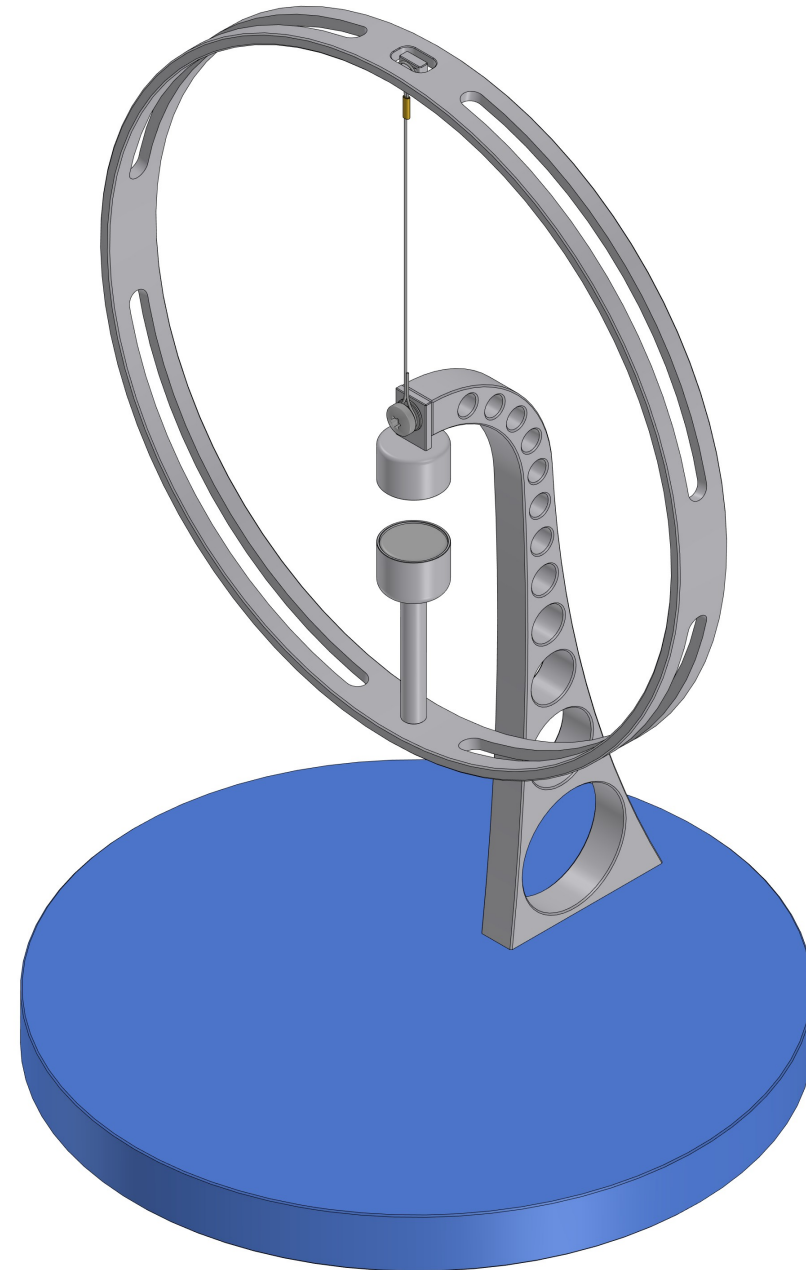
Tang neck

Retention tang

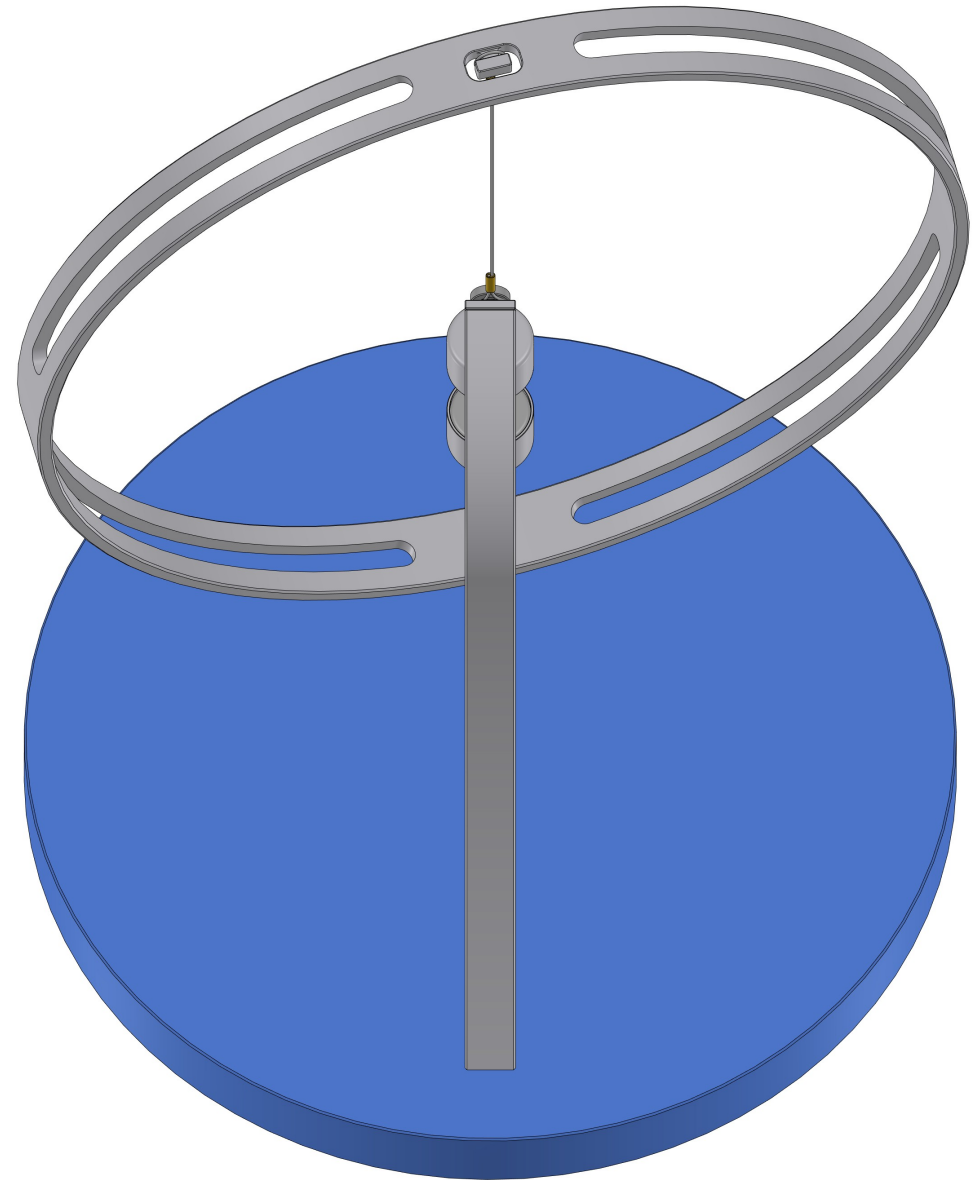
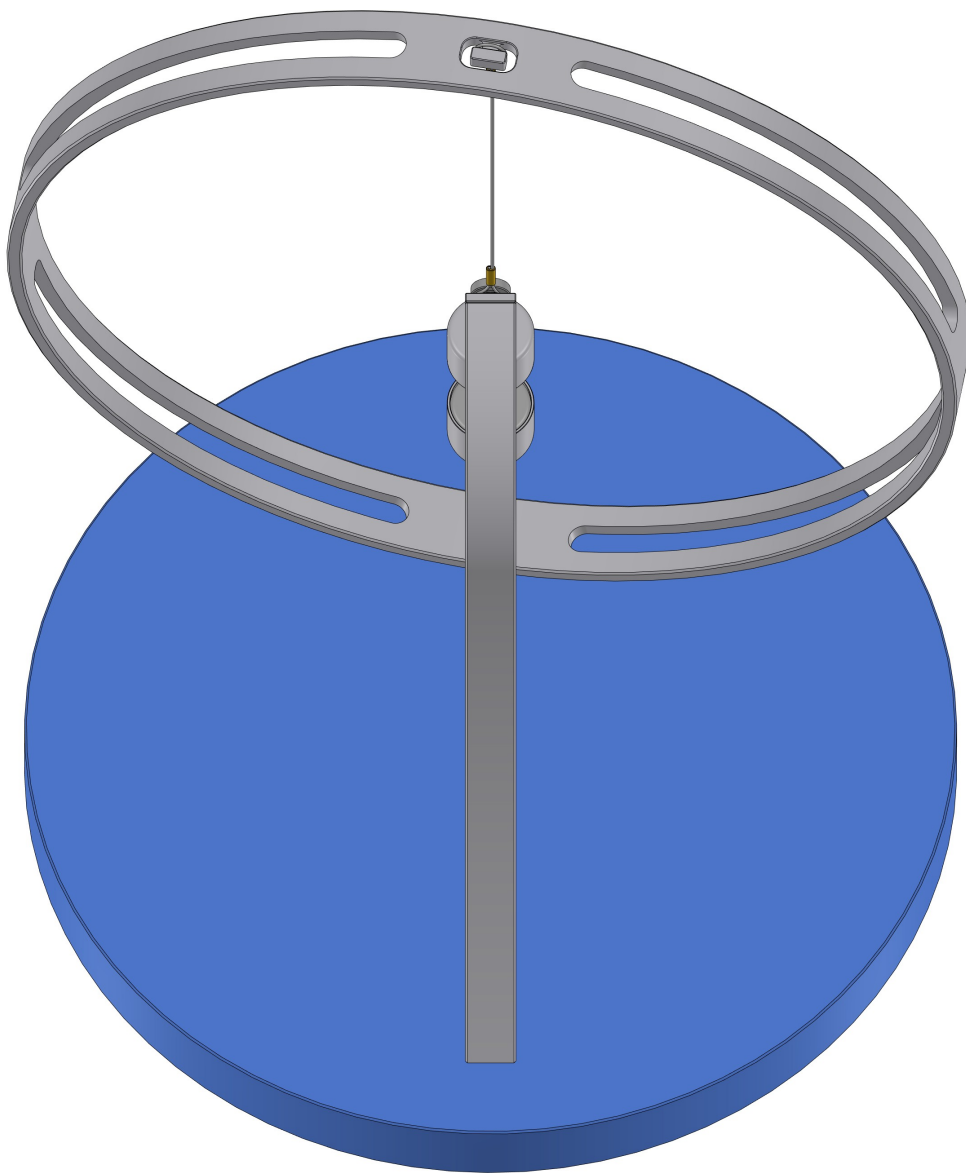


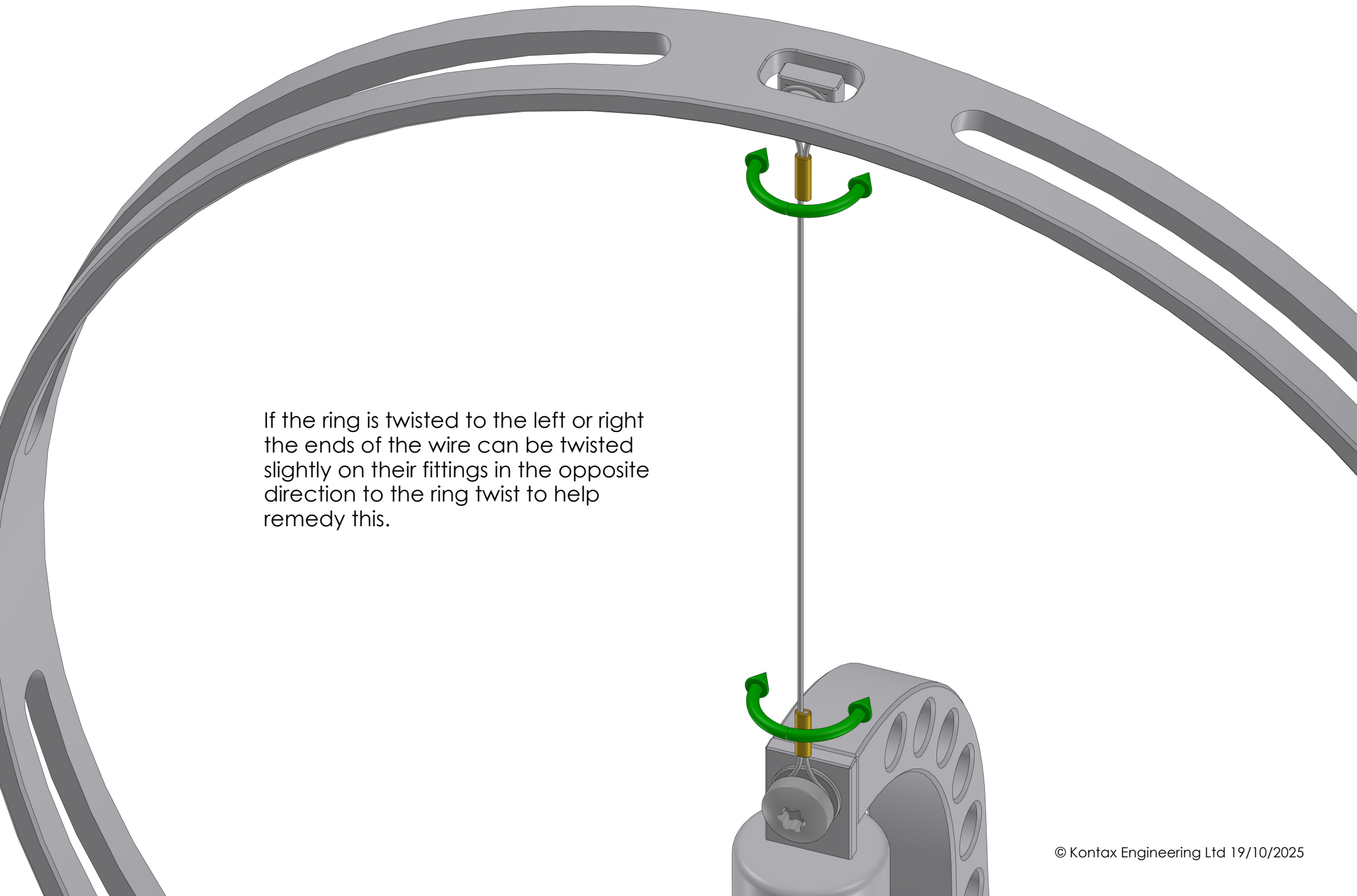
Manoeuvre the ring so that the wire is pointing upwards and the magnets are attracting.

Due to slight variations in the magnets the ring may lean slightly forwards or backwards, this is expected.



The loop may sit rotated to the left or right, instructions for remedying this can be found on the next page.

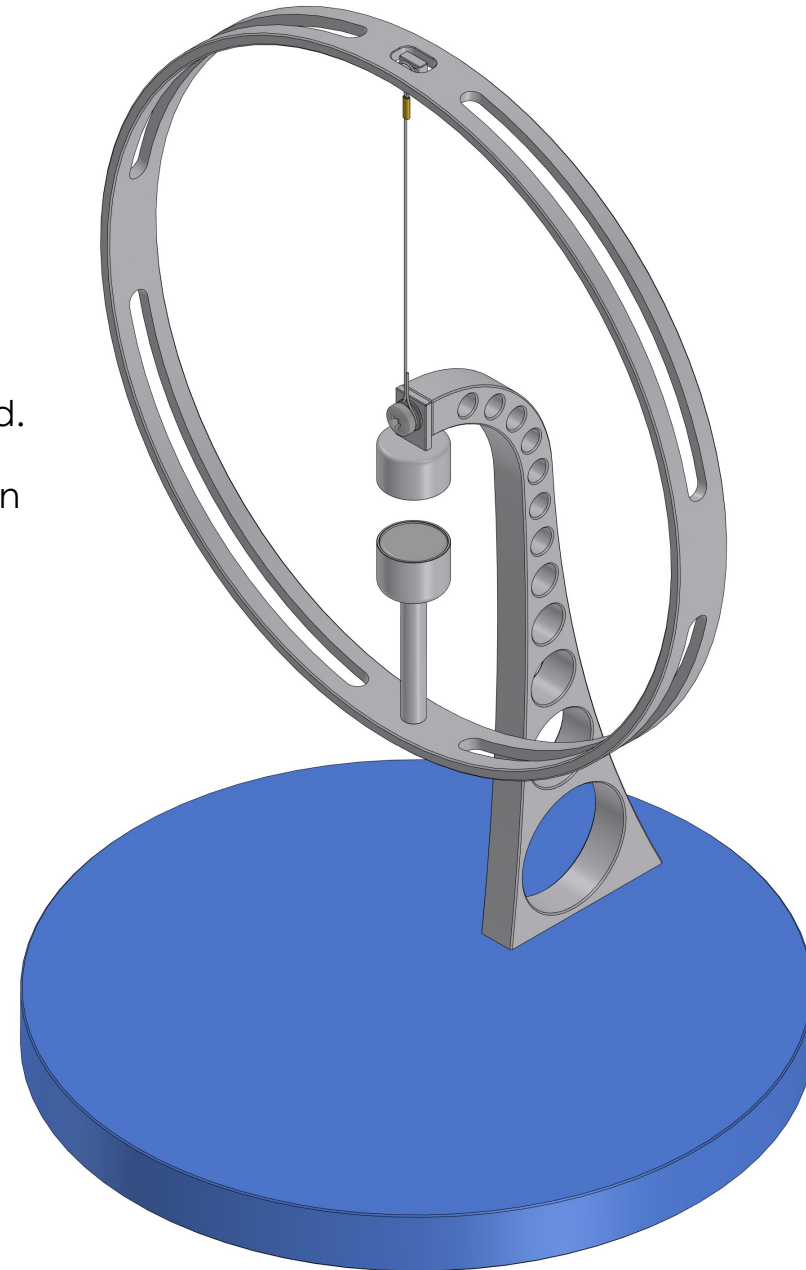




If the ring is twisted to the left or right the ends of the wire can be twisted slightly on their fittings in the opposite direction to the ring twist to help remedy this.

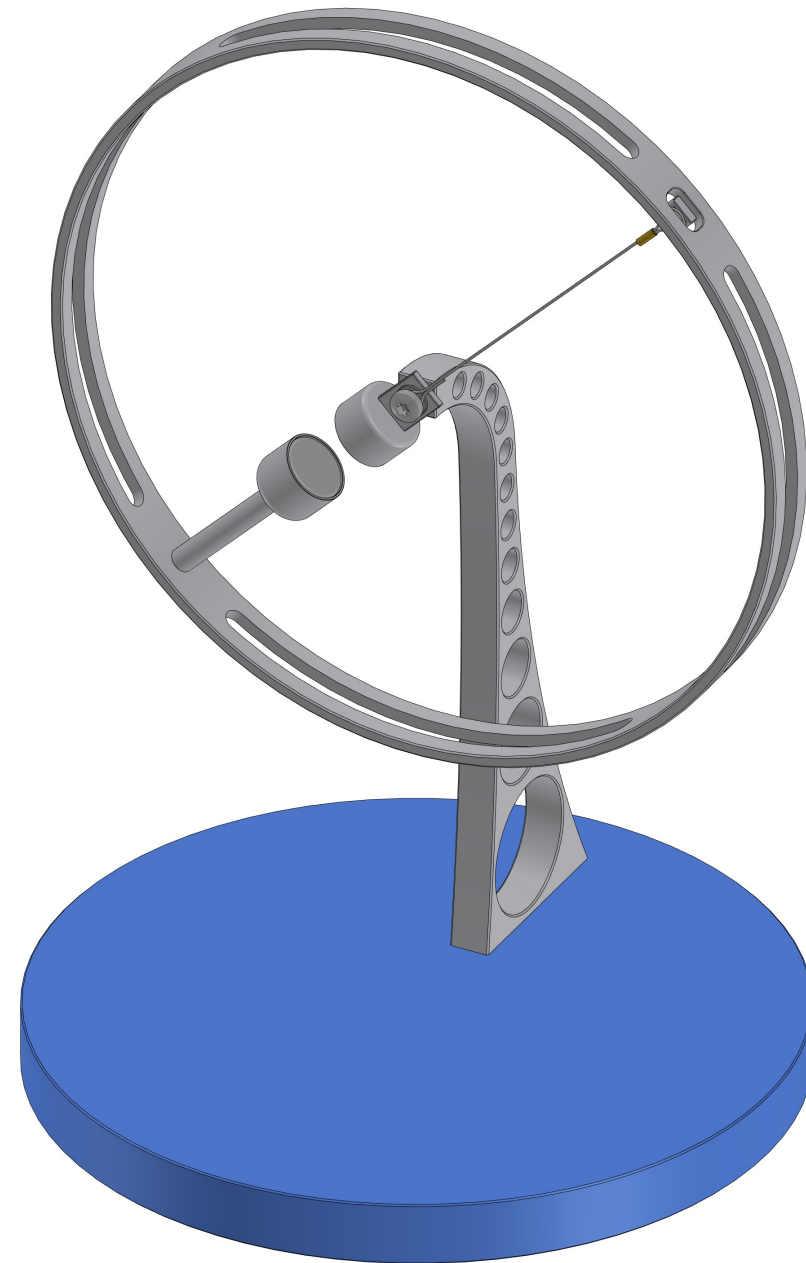
Your Kontax Tensegrity Loop is now fully assembled.

If you need help with your Tensegrity Loop you can email us at: support@stirlingengine.co.uk



As with all true Tensegrity structures, The Tensegrity Loop can be oriented in any direction, displaying true tensional integrity, and displaying that a Tensegrity structure works independent of gravity.

Just slacken the arm screw, rotate where you would like it and re-tighten the screw. As mentioned previously the magnetic variations will mean the ring may lean forwards or backwards once aligned at an angle.





Our workshop is located in the Thames Valley, United Kingdom and is staffed by a skilled team of designers, machinists and assemblers. We have 3 CNC mills, 3 CNC lathes and 3 CNC mill-turn centres.