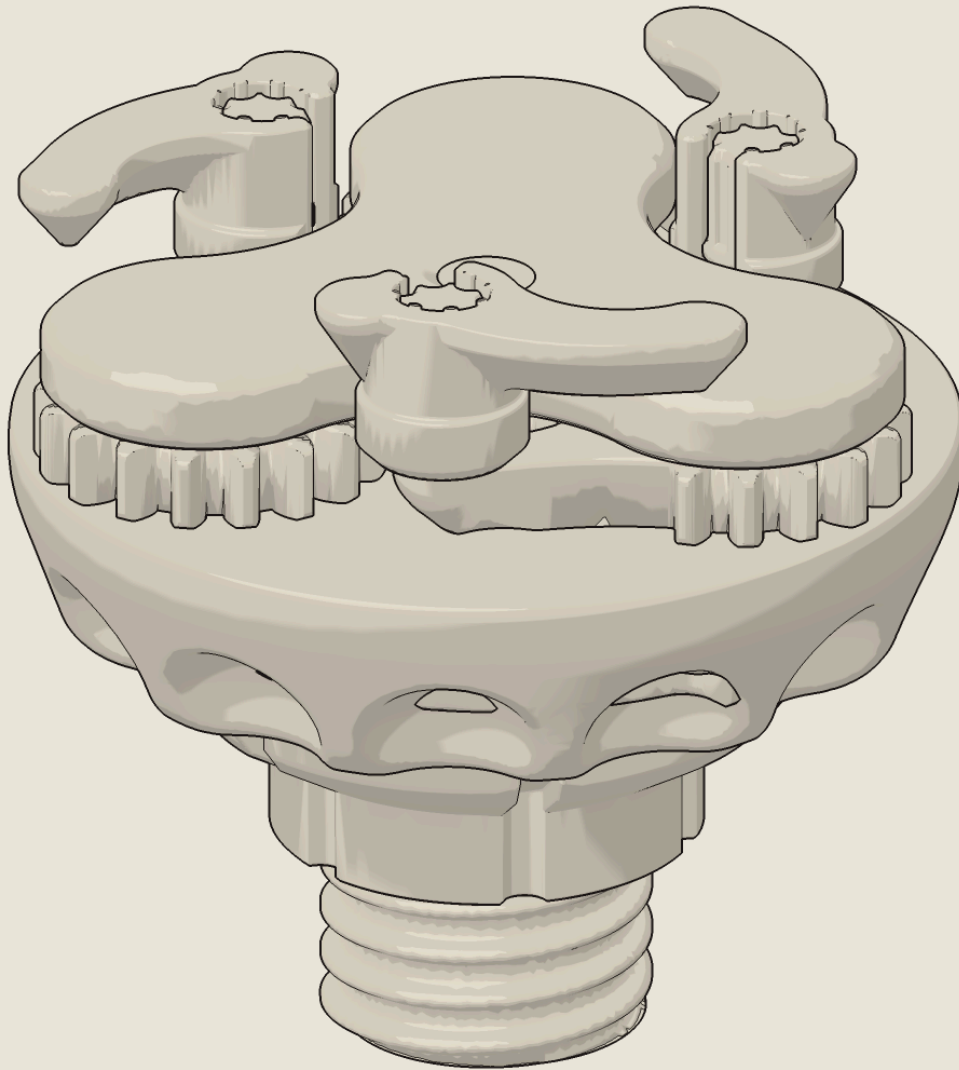


PlanetaryHolderV2

17 parts. You print 14, you buy 3. 14 steps.



Every part has a home

Print this page at 100 percent. Each outline is drawn at actual size: set your part on its home to check it is there.



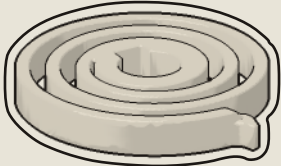
1 RotatingSpiralV3
PlanetaryCatcher



2 PlanetaryShaft
standalone



3 Hexagon Regular
Nut ISO 4032 M3 Steel
6 Plain
Buy



4 SpringV2



5 Sun



6 TopCover



7 PlanetArm curved x3



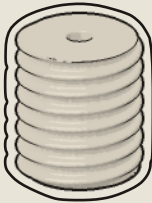
8 HandCurved x3



10 FixedHub



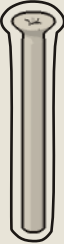
11 HexInsert



12 Thread



13 Hexagon Regular
Nut ISO 4032 M3 Steel
6 Plain
Buy



14 Countersunk Head
Screw ISO 7046 2 M3 x
30 H Steel 4.6 Plain
Buy

You buy: Hexagon Regular Nut ISO 4032 M3 Steel 6 Plain x2, Countersunk Head Screw ISO 7046 2 M3 x 30 H Steel 4.6 Plain **Buy**



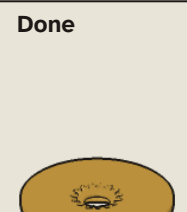
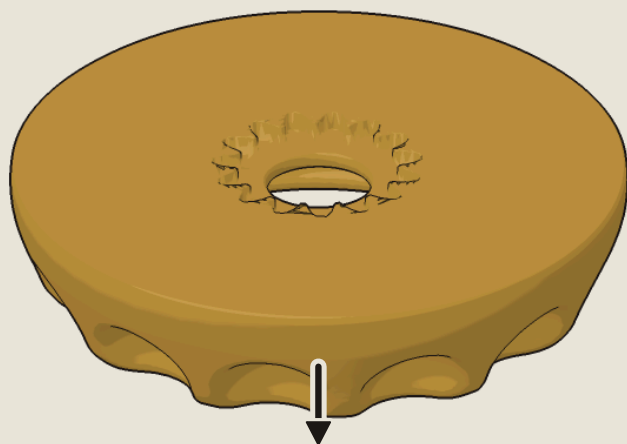
This bar is 50 mm long when printed at actual size.

1 of 14 Place the rotating spiral (base).

↓ From above

 RotatingSpiralV3 PlanetaryCatcher

① Fit RotatingSpiralV3 PlanetaryCatcher

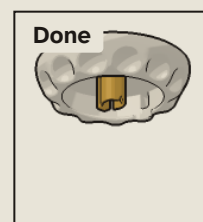
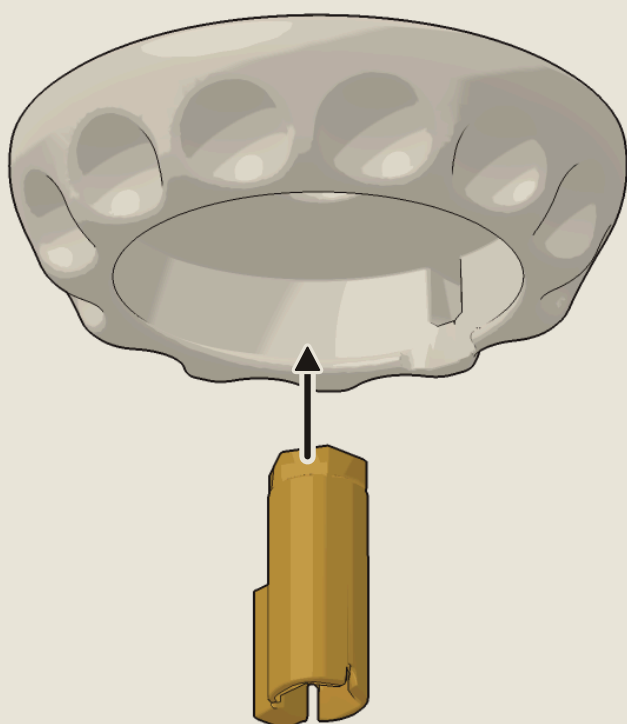


2 of 14 Push the shaft in from below.

↑ From below

 PlanetaryShaft standalone

① Fit PlanetaryShaft standalone



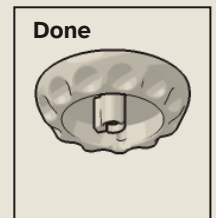
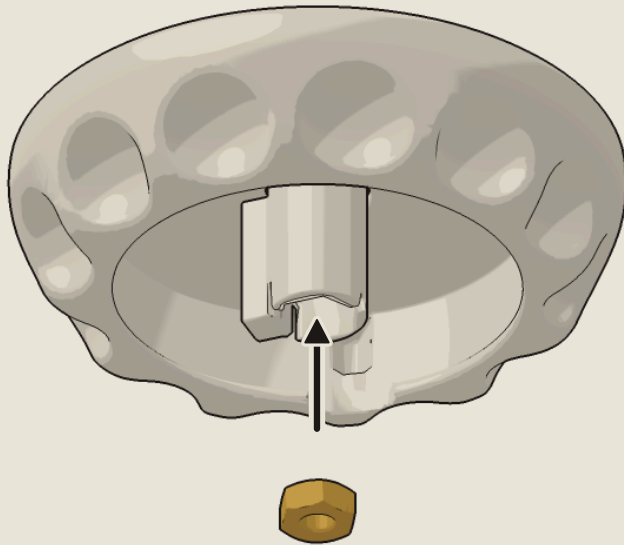
3 of 14 Press the M3 nut into the shaft.

↑ From below

 Hexagon Regular Nut ISO 4032 M3 Steel 6 Plain

[Buy](#)

① Fit Hexagon Regular Nut ISO 4032 M3 Steel 6 Plain

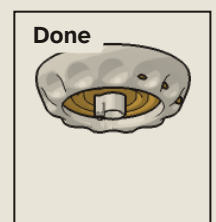
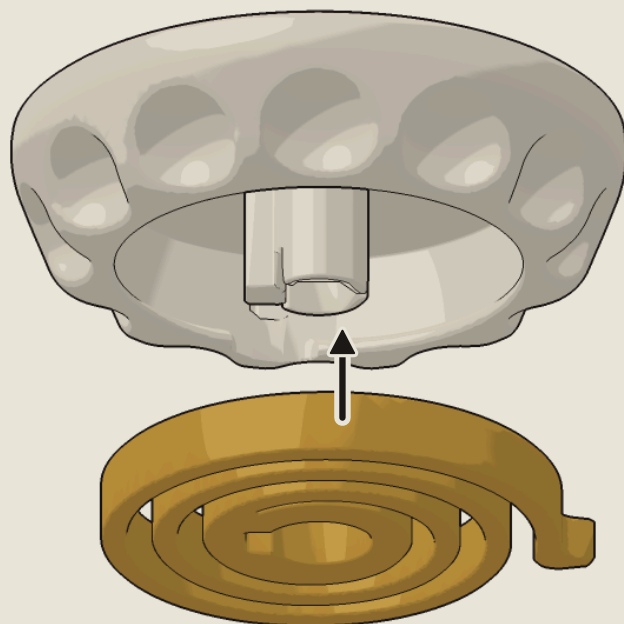


4 of 14 Slide the spring onto the shaft.

↑ From below

 SpringV2

① Fit SpringV2

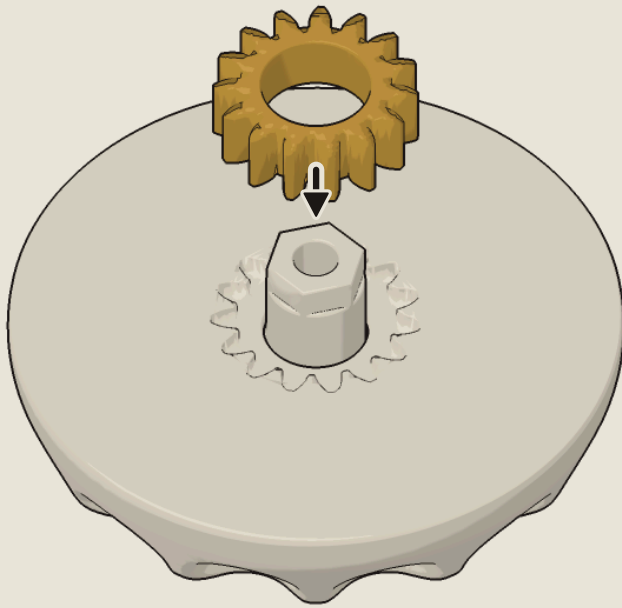


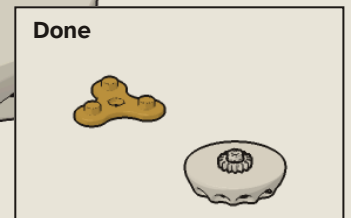
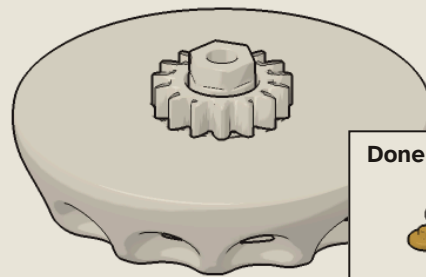
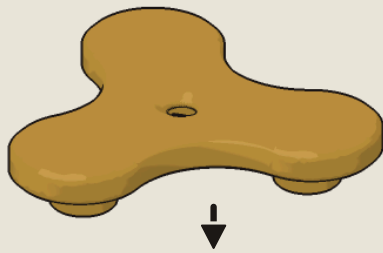
5 of 14 Drop the sun gear into its slot.

↓ From above

 Sun

① Fit Sun





6a



6_{of 14} Flip the top cover over.

↓ From above

 TopCover

① Place TopCover



7 of 14 **Fit the 3 arms onto the cover pins.**

→ From the side

 PlanetArm curved x3 

① Place PlanetArm curved x3



Done

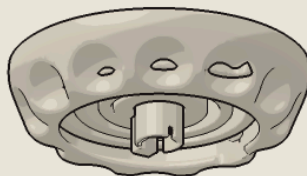
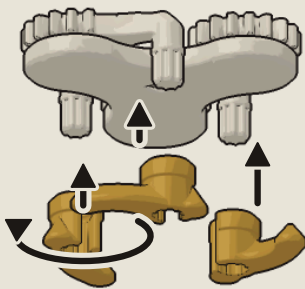


8 of 14 **Fit the 3 hands onto the arm posts.**

→ From the side

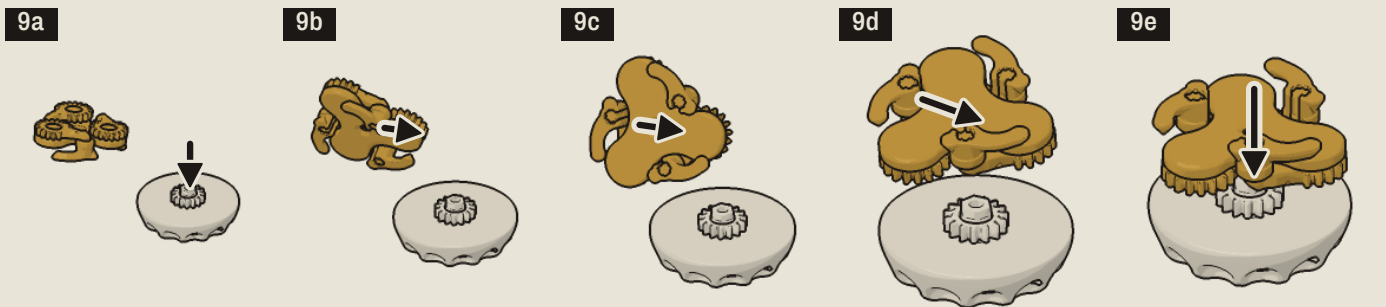
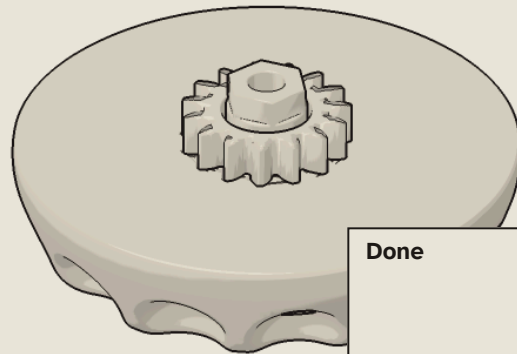
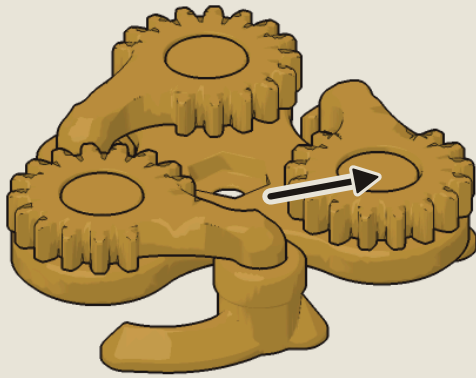
 HandCurved x3 

① Place HandCurved x3



Done





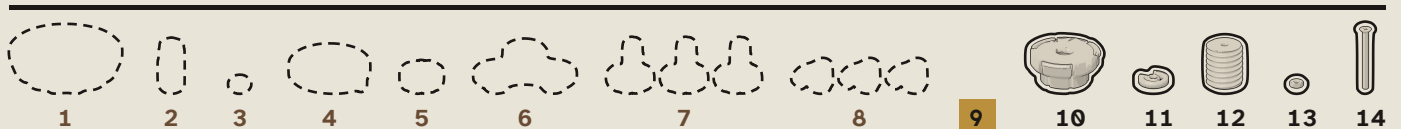
9 of 14 Flip the unit back and seat it on the sun gear.

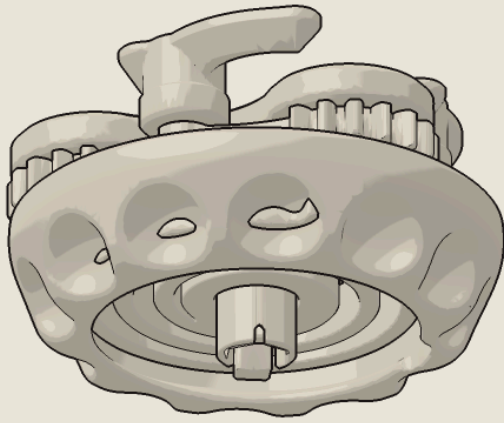
→ From the side

① Move TopCover

② Move PlanetArm curved x3

③ Move HandCurved x3

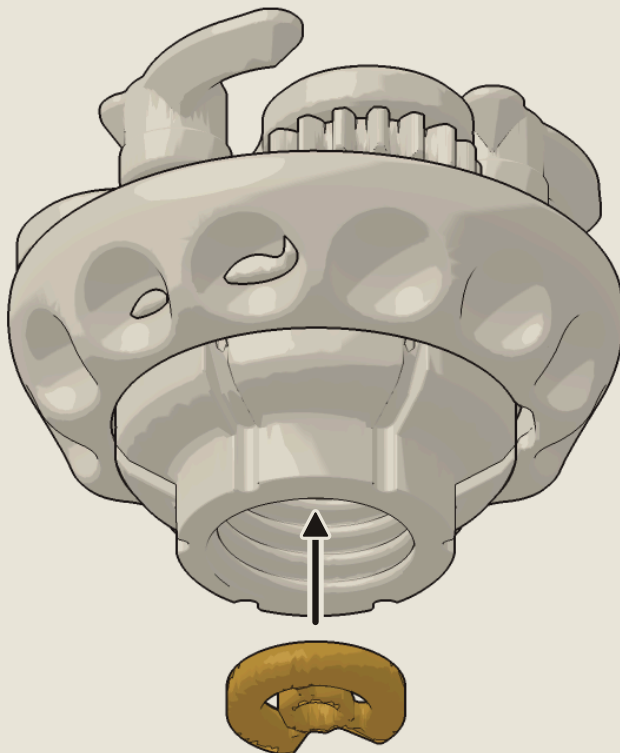
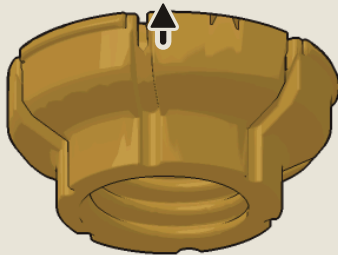




10 of 14 Push the fixed hub in from below.

↑ From below

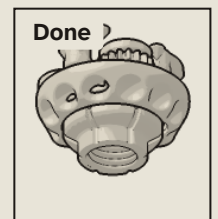
-  FixedHub
- ① Fit FixedHub

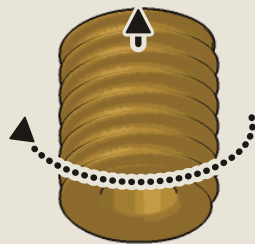


11 of 14 Put the hex insert into the hub.

↑ From below

-  HexInsert
- ① Fit HexInsert



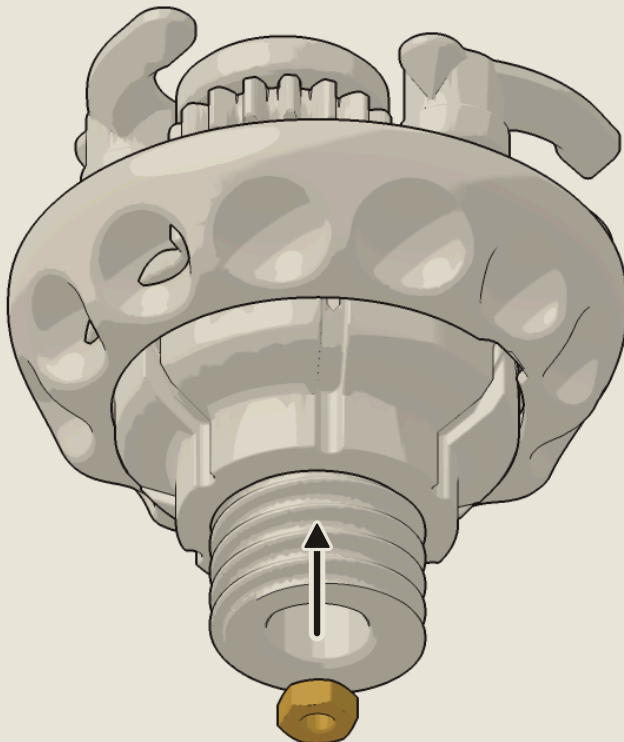


12 of 14 Screw the thread into the hub.

↑ From below

 Thread

① Fit Thread



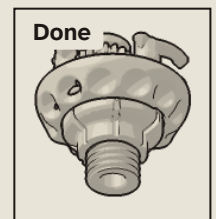
13 of 14 Press the M3 nut into the thread.

↑ From below

 Hexagon Regular Nut ISO 4032 M3 Steel 6 Plain

Buy

① Fit Hexagon Regular Nut ISO 4032 M3 Steel 6 Plain



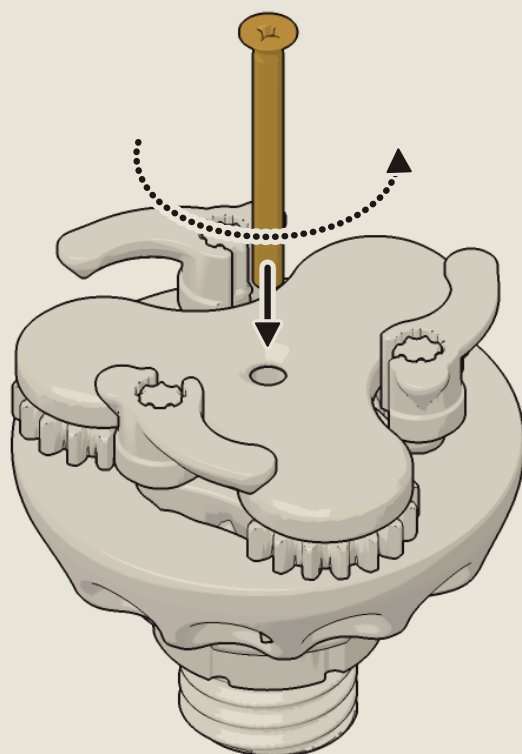
14^{of 14} Drive in the M3 x 30 screw.

↓ From above

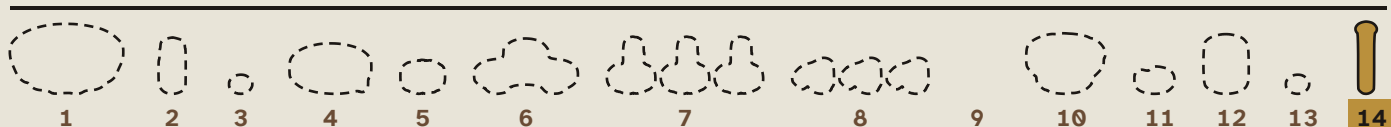
Countersunk Head Screw ISO 7046 2 M3 x 30 H Steel 4.6 Plain

Buy

- ① Fit Countersunk Head Screw ISO 7046 2 M3 x 30 H Steel 4.6 Plain

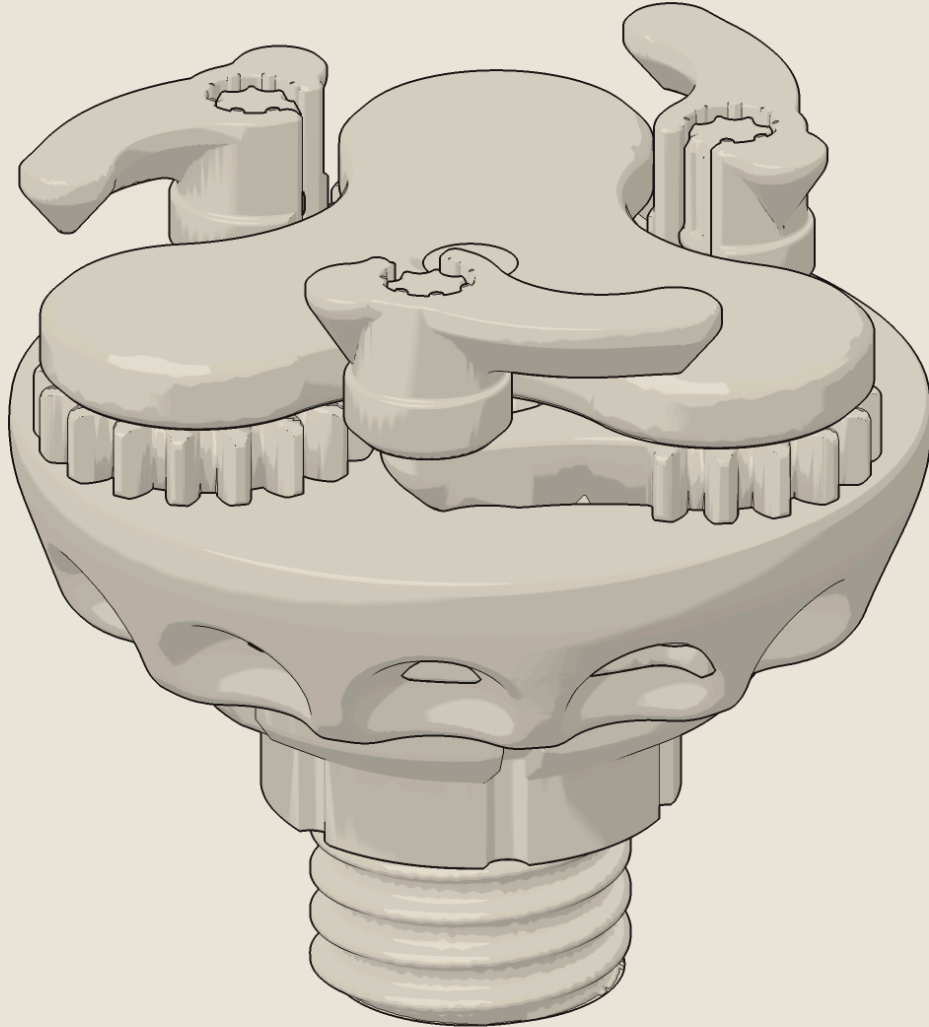


Done



Built

PlanetaryHolderV2 is ready.



Board empty. Model built.

