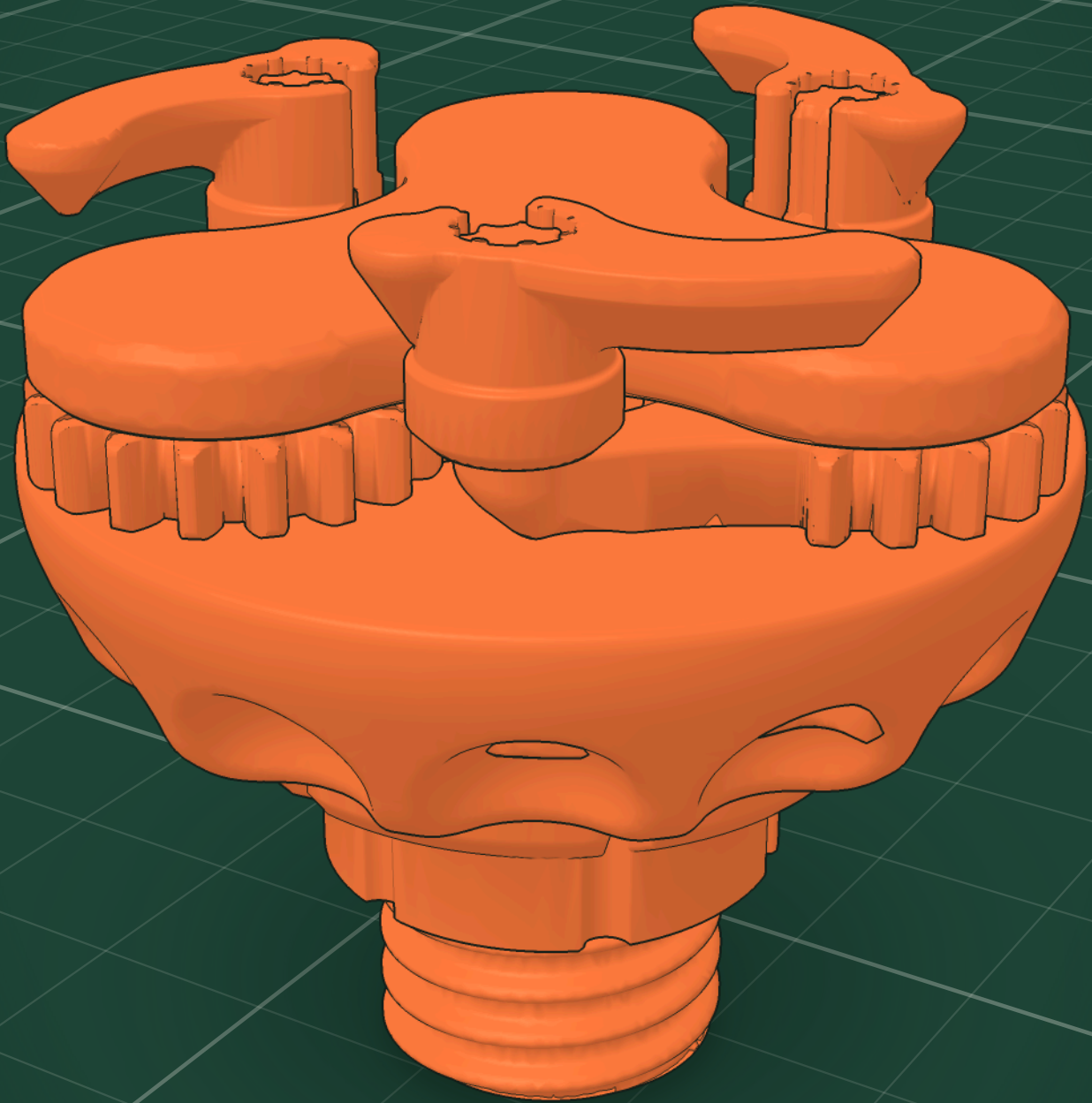


PlanetaryHolderV2



17

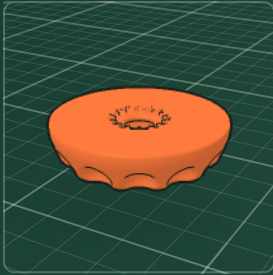
parts

14

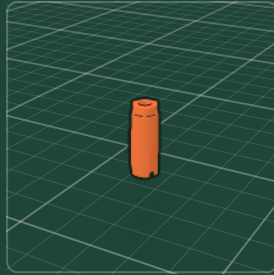
steps

What you need

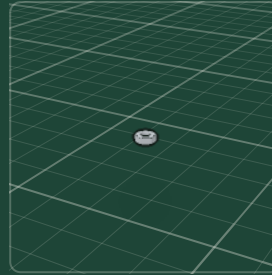
17 parts. Check each one before you start.



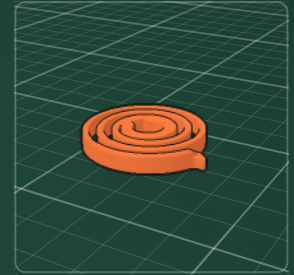
1 RotatingSpiralV3
PlanetaryCatcher
● Print



2 PlanetaryShaft
standalone
● Print



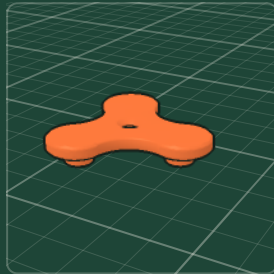
3 Hexagon Regular Nut ISO
4032 M3 Steel 6 Plain
×2 ● Buy



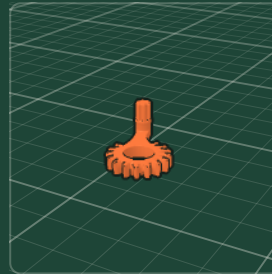
4 SpringV2 ● Print



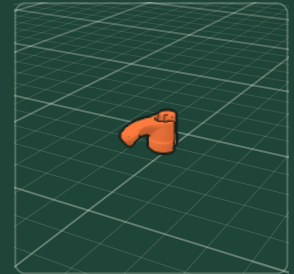
5 Sun ● Print



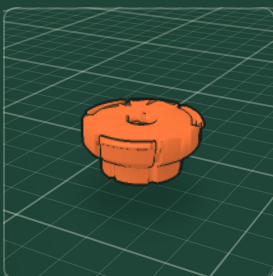
6 TopCover ● Print



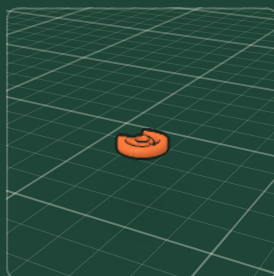
7 PlanetArm curved ×3
● Print



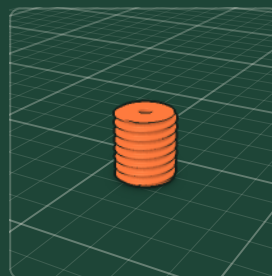
8 HandCurved ×3
● Print



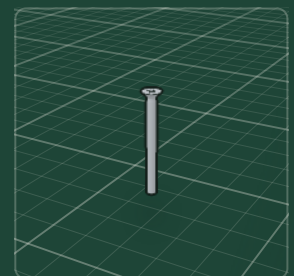
9 FixedHub ● Print



10 HexInsert ● Print



11 Thread ● Print



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

┌┴┴┴┴┴┐ All parts share one scale. This bar is 5 cm on the real part.

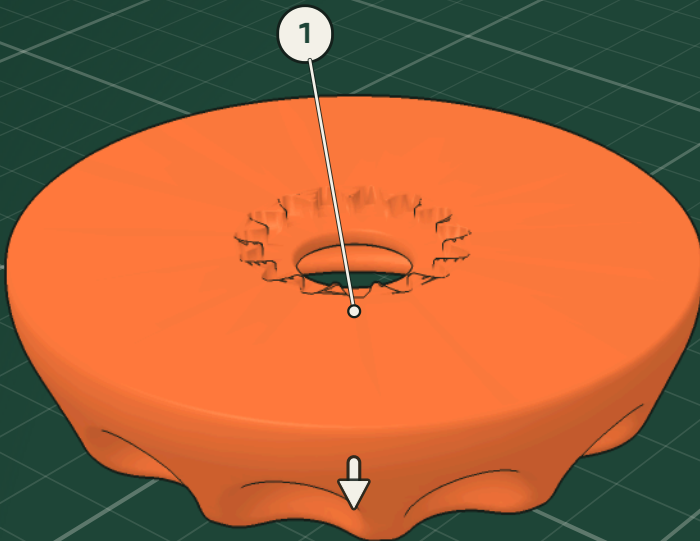
1 Place the rotating spiral (base).

From above

1 RotatingSpiralV3
PlanetaryCatcher

● Print

① Fit RotatingSpiralV3 PlanetaryCatcher



Result

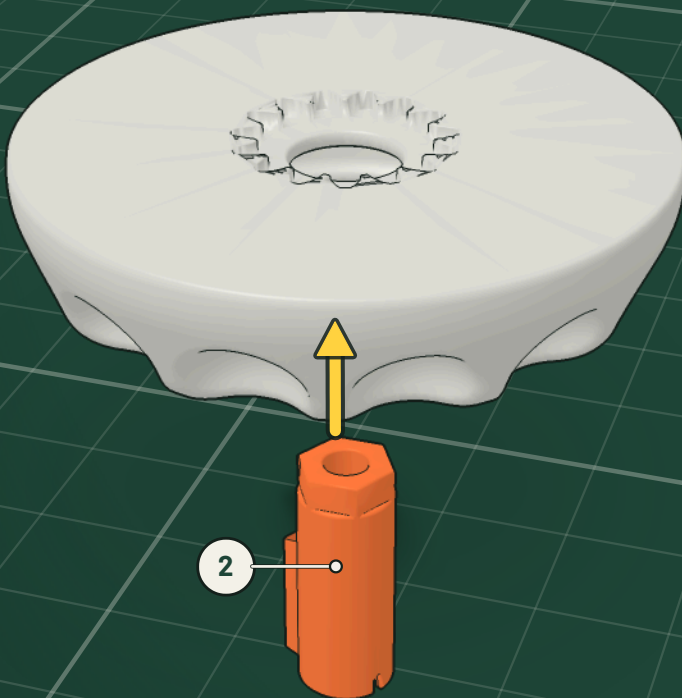


2 Push the shaft in from below.

From below

2 PlanetaryShaft standalone ● Print

① Fit PlanetaryShaft standalone



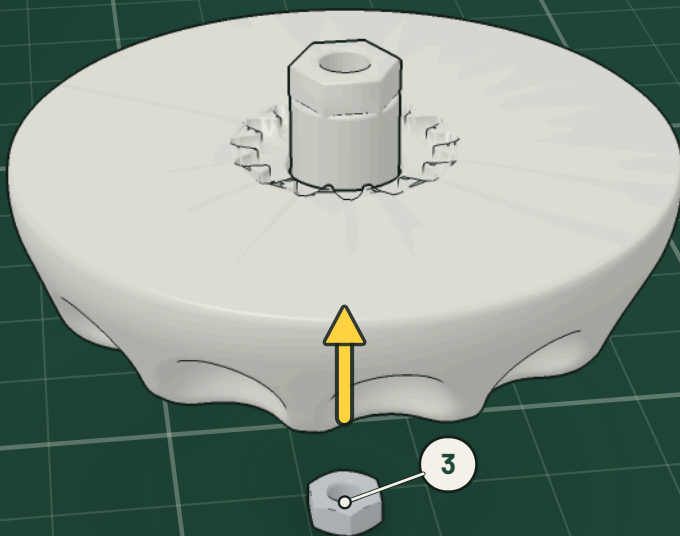
Result



3 Press the M3 nut into the shaft.

From below

- 3 Hexagon Regular Nut ISO 4032 M3 Steel 6 Plain ● Buy
- ① Fit Hexagon Regular Nut ISO 4032 M3 Steel 6 Plain



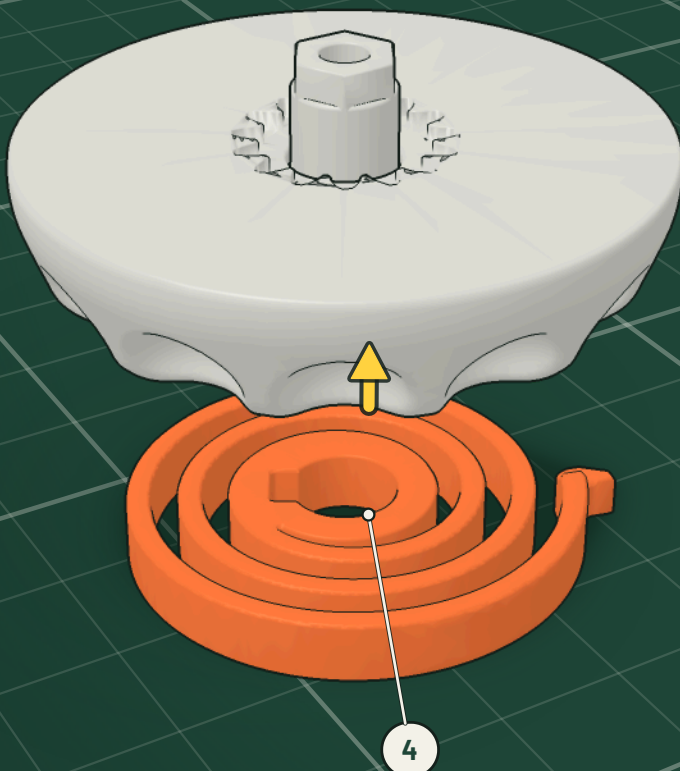
Result



4 Slide the spring onto the shaft.

From below

- 4 SpringV2 ● Print
- ① Fit SpringV2



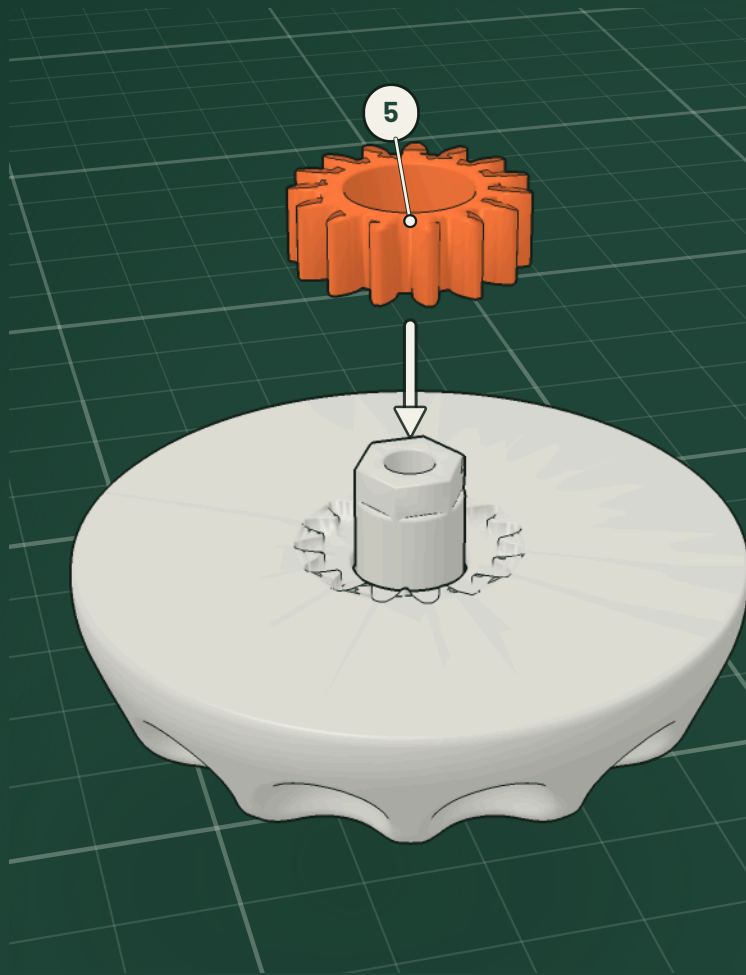
Result

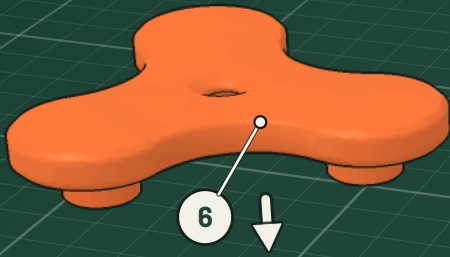


5 Drop the sun gear into its slot.

From above

- 5 Sun ● Print
- ① Fit Sun





Result



6a

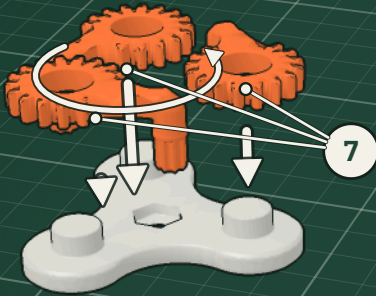


6 Flip the top cover over.

From above

6 TopCover ● Print

① Place TopCover



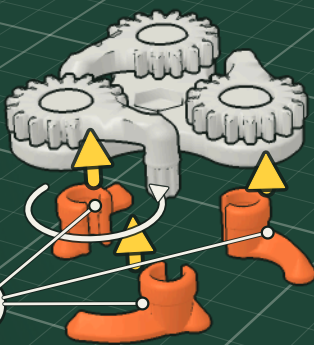
7 Fit the 3 arms onto the cover pins.

From the side

7 PlanetArm curved ×3 ● Print

① Place PlanetArm curved ×3

Result



8 Fit the 3 hands onto the arm posts.

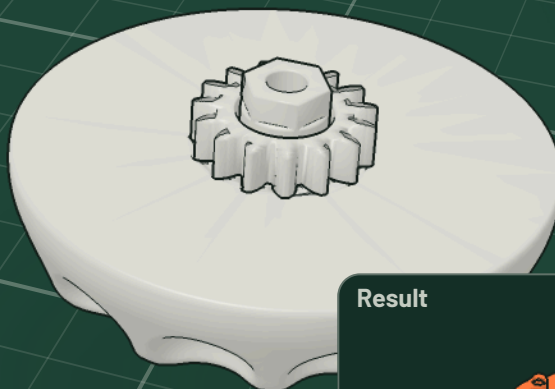
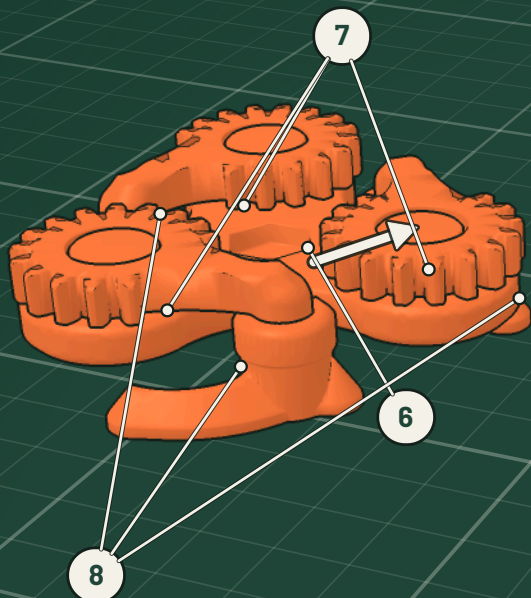
From the side

8 HandCurved ×3 ● Print

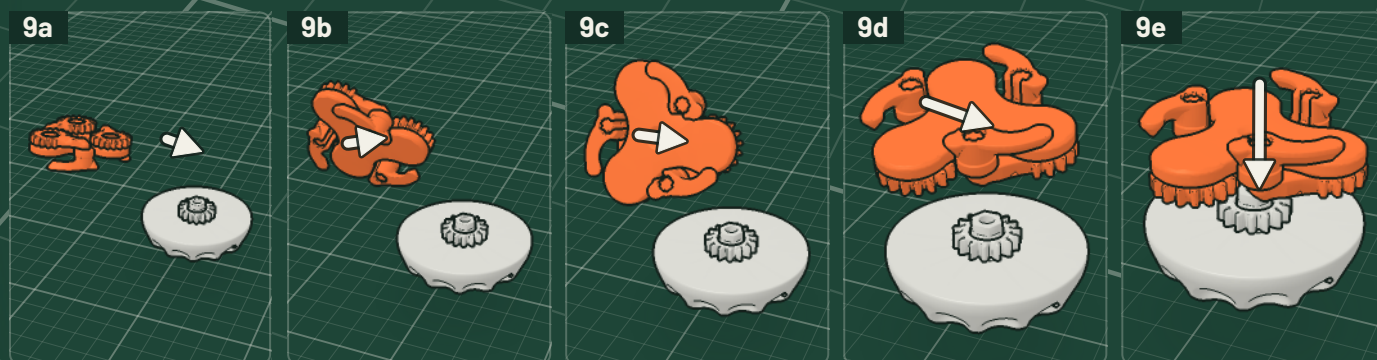
① Place HandCurved ×3

Result





Result



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

From the side

① Move TopCover

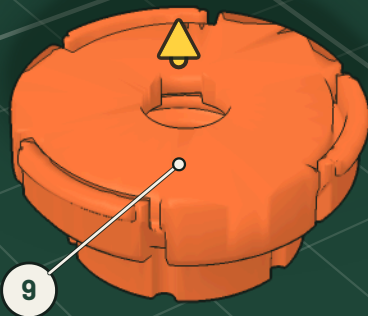
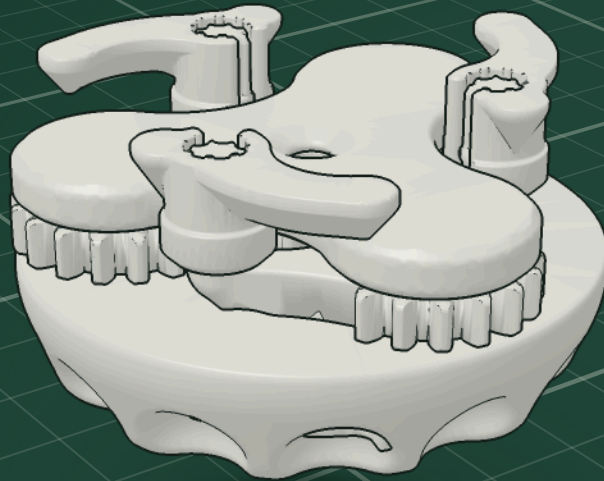
② Move PlanetArm curved $\times 3$

③ Move HandCurved $\times 3$

10 Push the fixed hub in from below.

From below

- 9 FixedHub ● Print
- ① Fit FixedHub



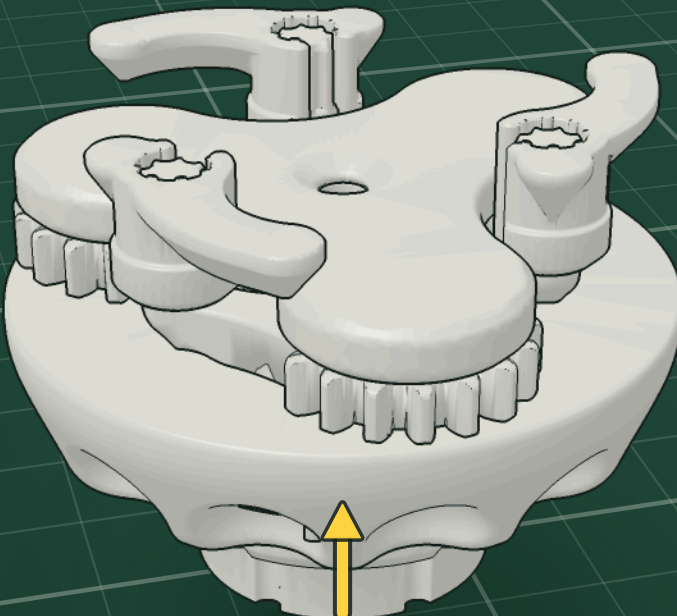
Result



11 Put the hex insert into the hub.

From below

- 10 HexInsert ● Print
- ① Fit HexInsert



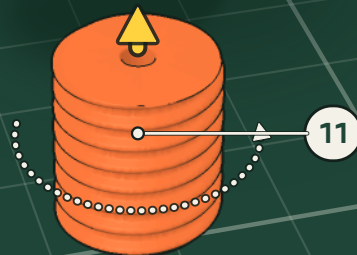
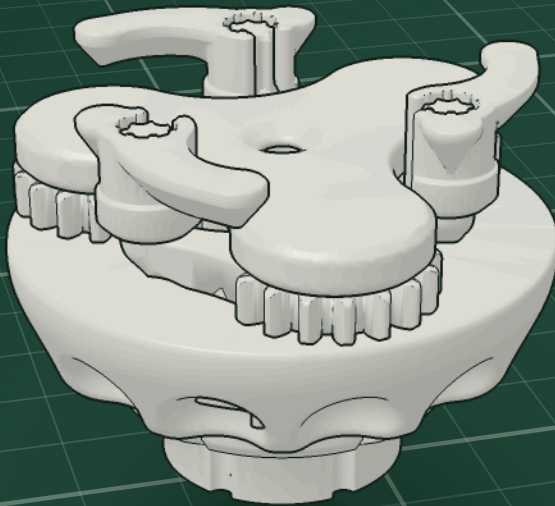
Result



12 Screw the thread into the hub.

From below

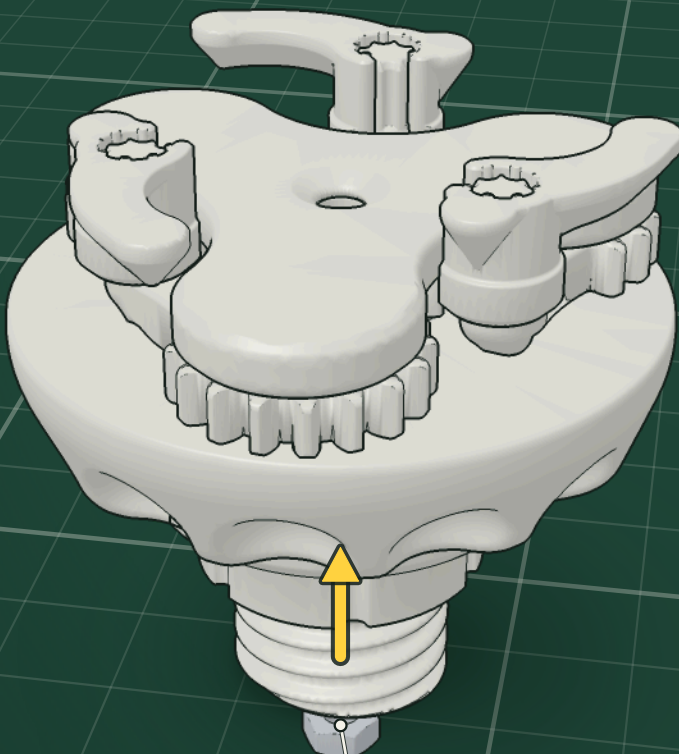
- 11 Thread ● Print
- ① Fit Thread



13 Press the M3 nut into the thread.

From below

- 3 Hexagon Regular Nut ISO 4032 M3 Steel 6 Plain ● Buy
- ① Fit Hexagon Regular Nut ISO 4032 M3 Steel 6 Plain



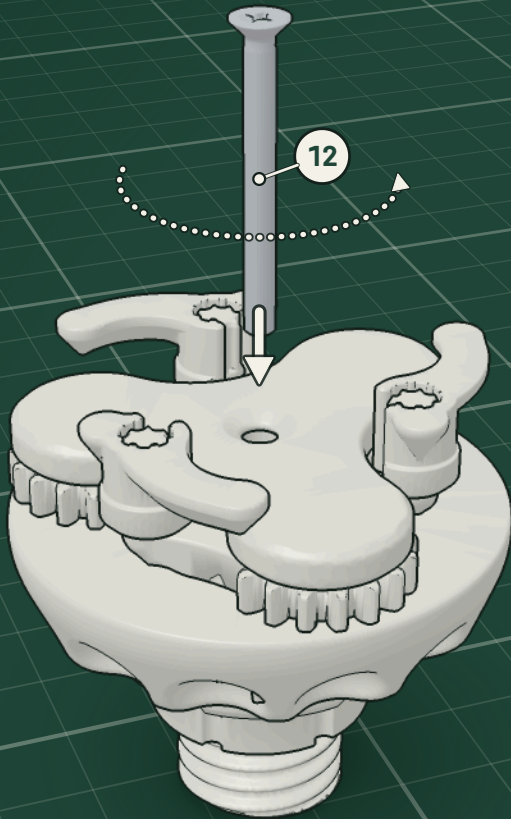
3



14 Drive in the M3 x 30 screw.

From above

- 12 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

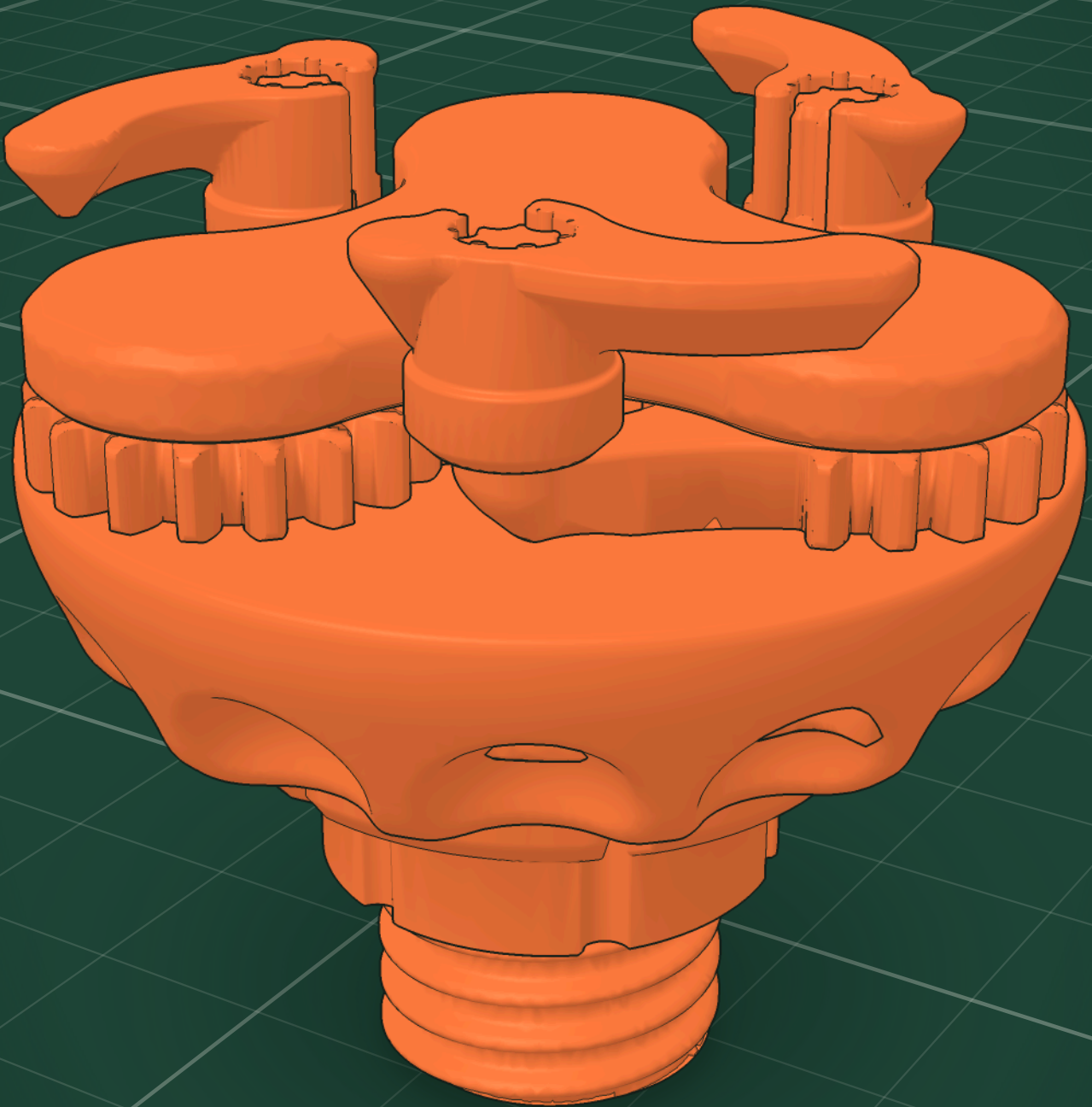


Result



All done

PlanetaryHolderV2 is ready.



17
parts

14
steps