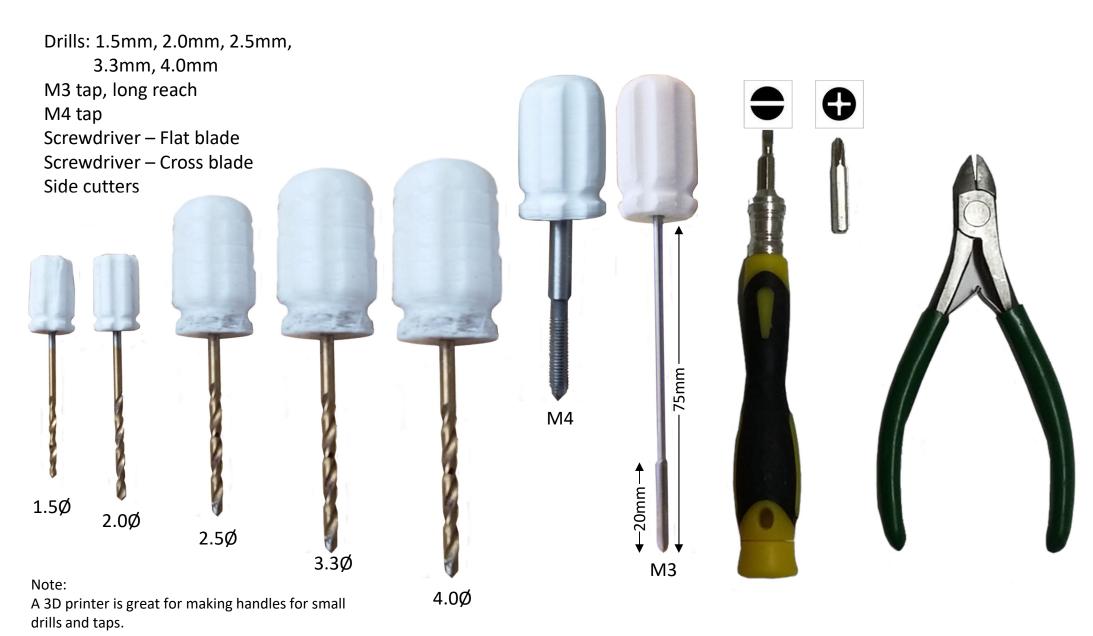
Reach Robot NANO

3D Parts Assembly Printed Parts Note: M3 pilot holes are 2.5mm Ø **Printed Parts**



Construction - Tools:

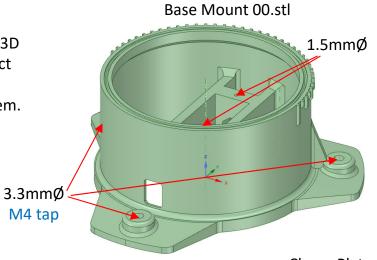




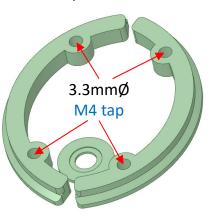
Pilot holes

Ensure that the holes in your 3D printed parts are of the correct diameter, by running the assigned drill size through them.

Tap later where specified.



Clamp Plates 00.stl



Connecting Link 00.stl x3

2.5mmØ

M3 tap

1.5mmØ

1.5mmØ

1.5mmØ

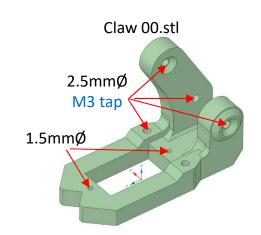
2.5mmØ

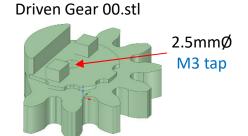
M3 tap

Central Structure 00.stl

Models are not to scale. Not all holes are visible here.







Base Plate 00.stl

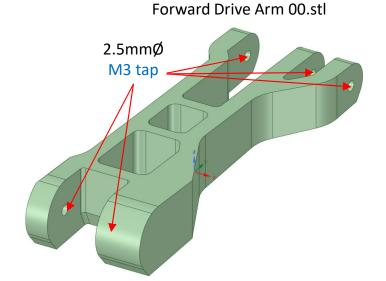
1.5mmØ

3.0mmØ

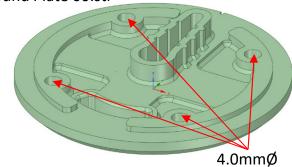
Pilot holes

Ensure that the holes in your 3D printed parts are of the correct diameter, by running the assigned drill size through them.

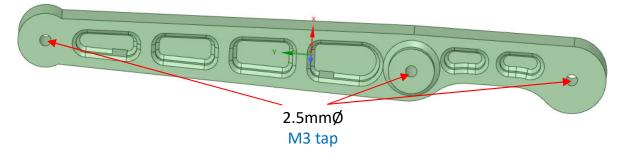
Tap later where specified.



Round Plate 00.stl

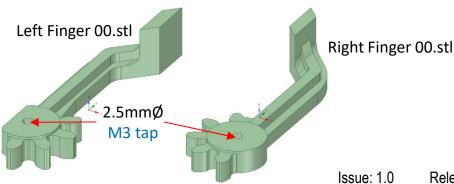


Horizontal Arm 00.stl



Models are not to scale. Not all holes are visible here.



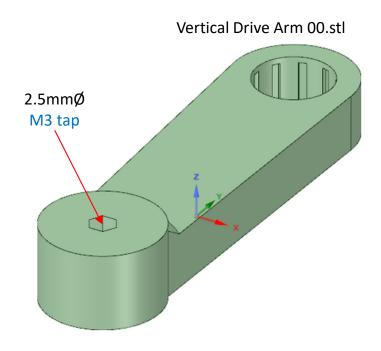


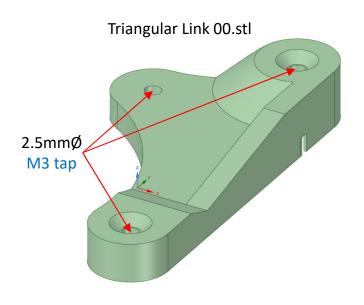
Released: 17/03/2021

TechKnowTone

Pilot holes

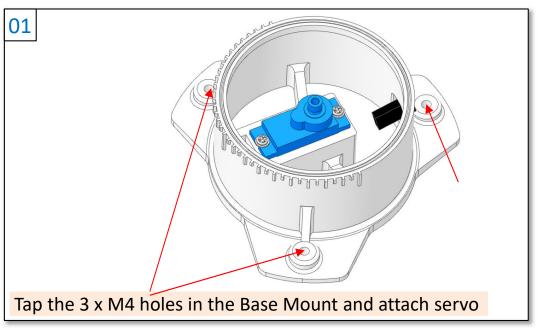
Ensure that the holes in your 3D printed parts are of the correct diameter, by running the assigned drill size through them. Tap later where specified.

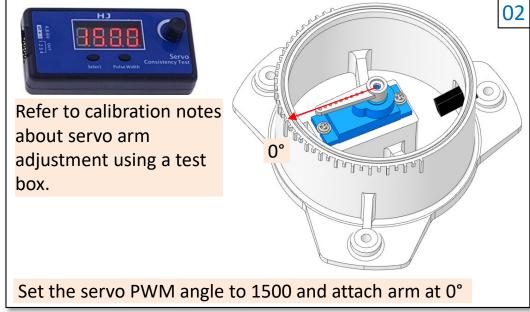


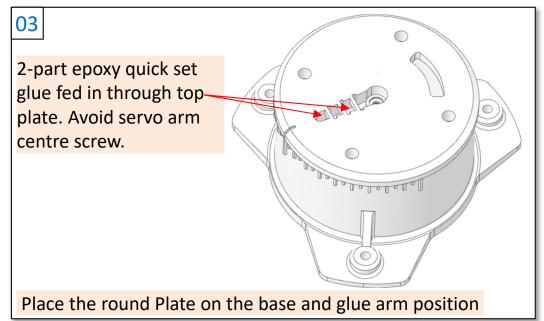


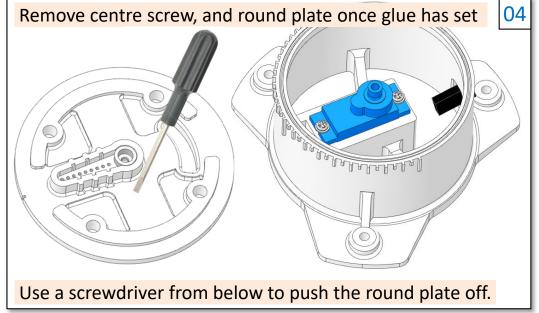
Models are not to scale. Not all holes are visible here.

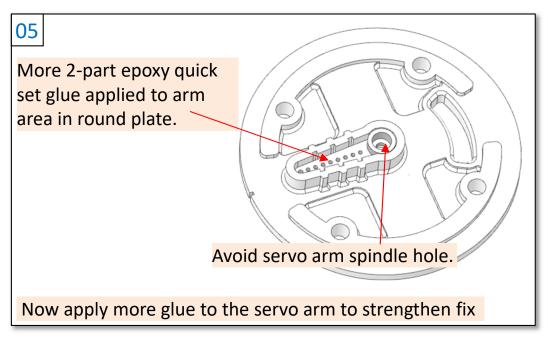


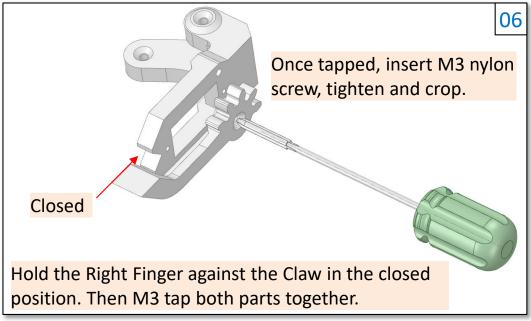


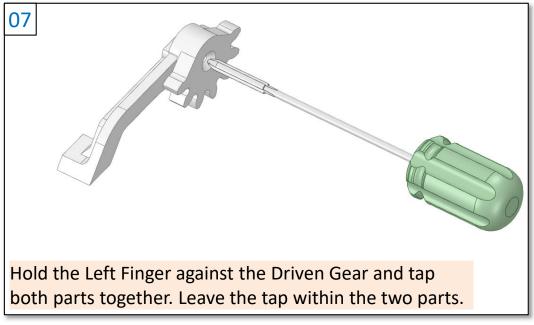


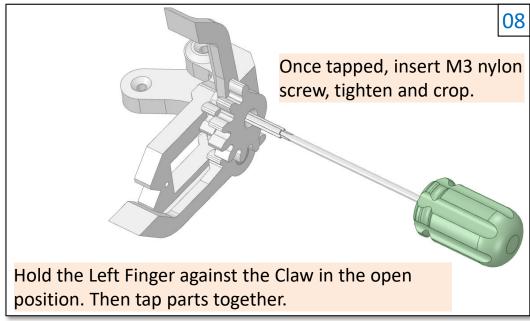


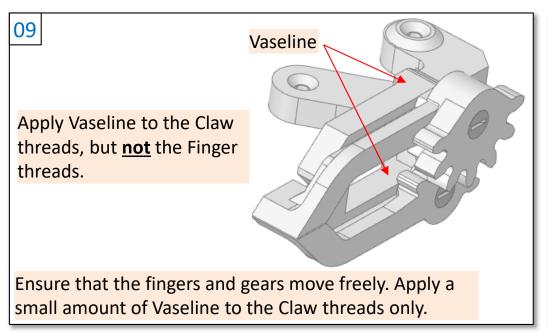


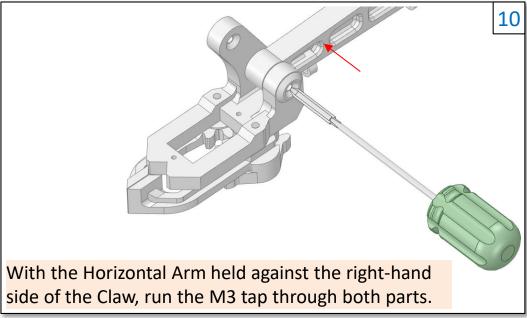


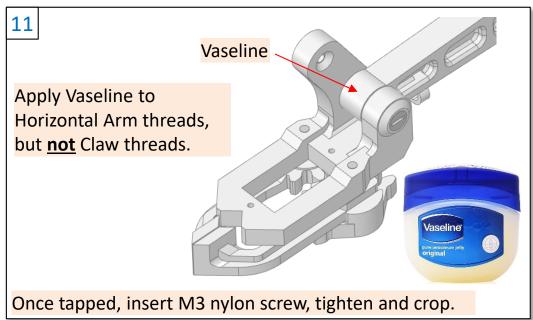


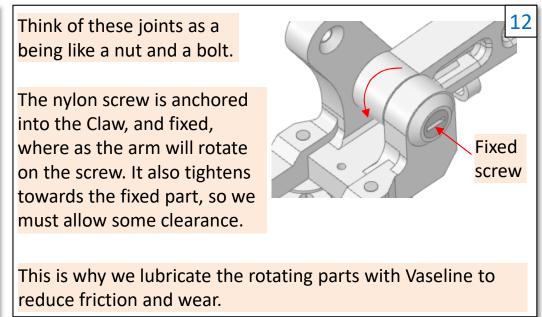




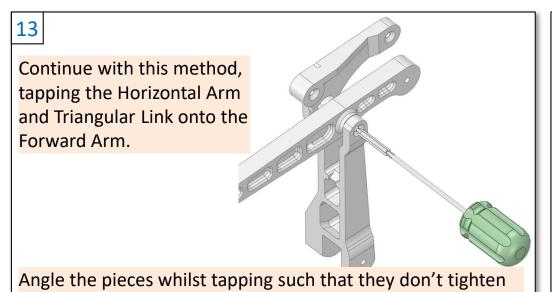


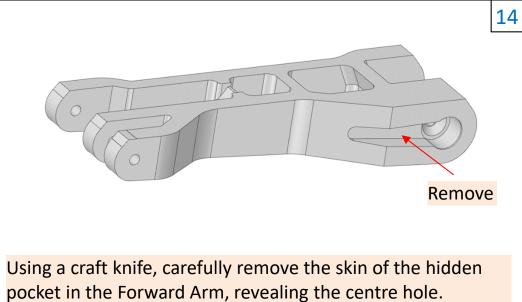


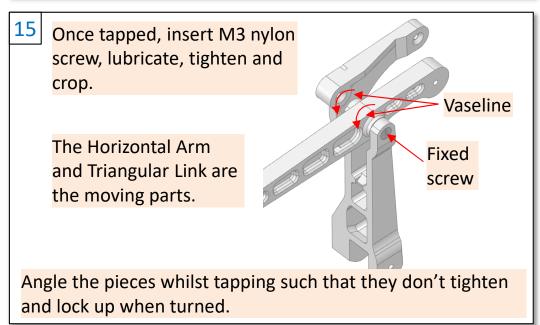


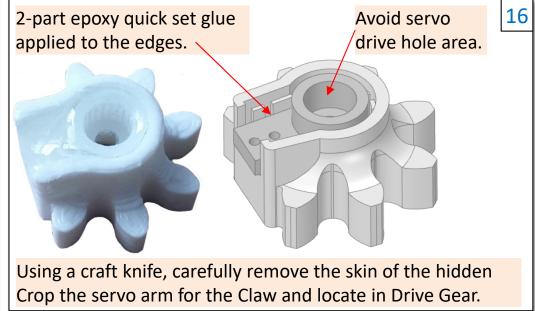


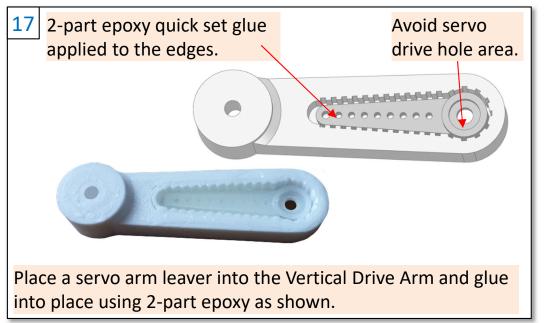
and lock up when turned.

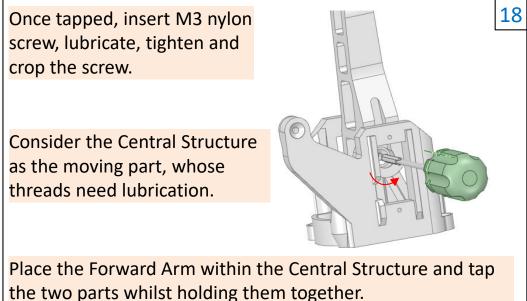


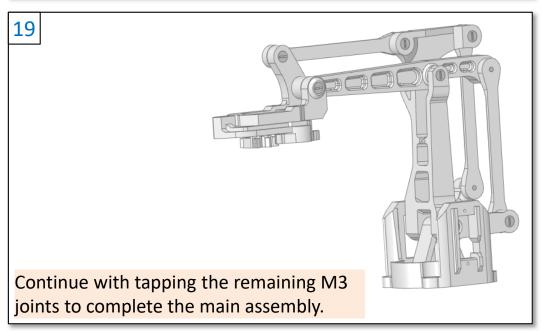


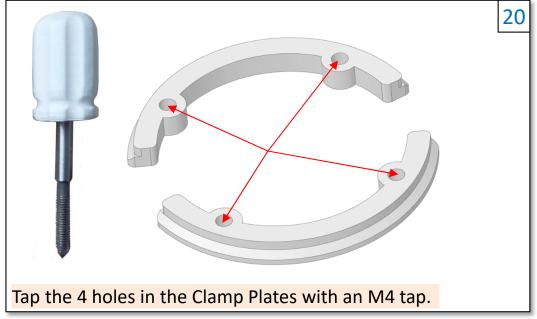


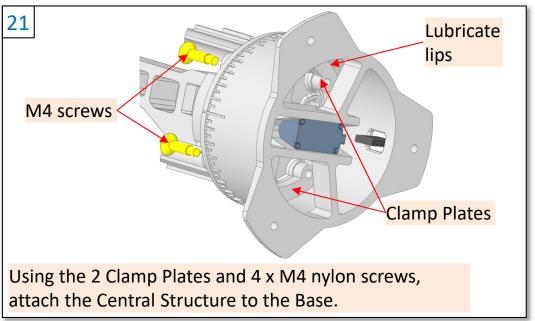


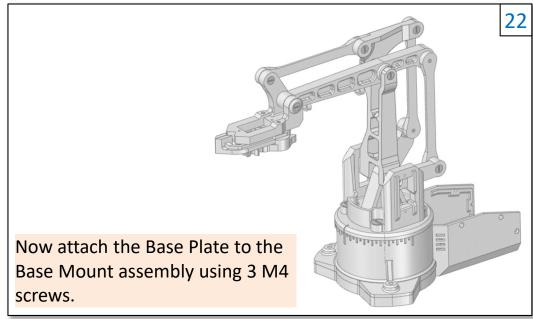


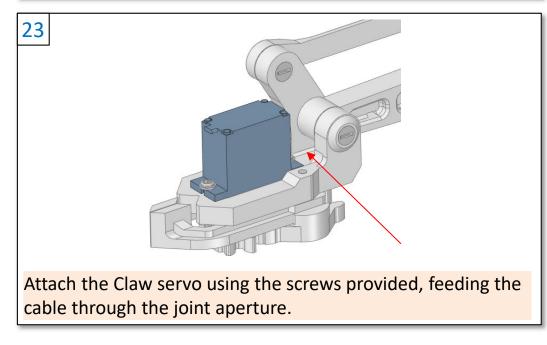


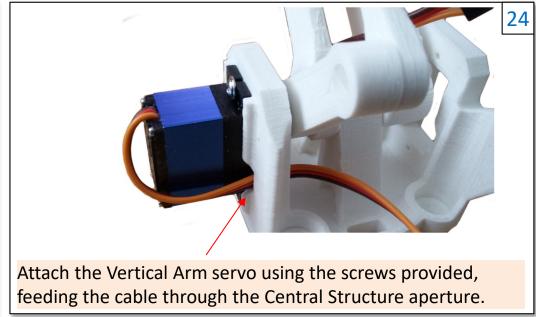


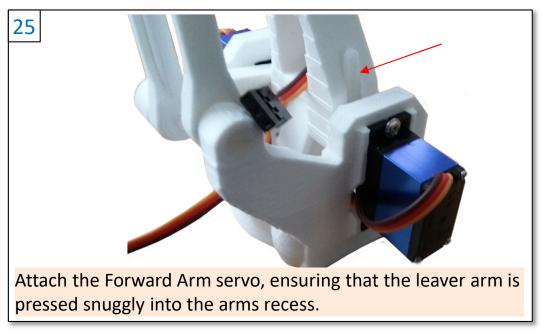












The robot structure is now ready to be attached to the base plate and control box, to complete the build process.

Exploded view of the base plate and control box components.

The joystick covers are glued into the Top plate using epoxy glue.

Button switches are pressed into the rear of the case, then glued with epoxy.

