

Central Arm – 6:16

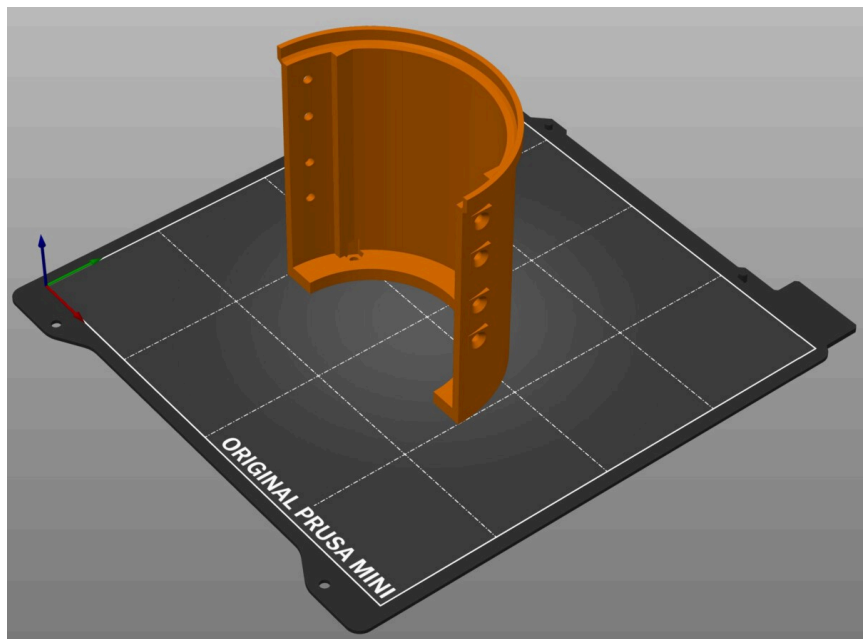
Pib's arm consist of multiple shells and internal rotation parts printed with relatively low density multiple times.

Arm shell is printed two times

Arm_shell_lateral_upper-C6

Location	Pib-Humanoid Robot/Arm/Arm_upper
Suggested infill percentage	20%-30%
Suggested infill pattern	Gyroid
Suggested filament	PETG Signal white
Supports	Non

Suggested orientation



Arm shell

Central rotator motor scaffold is printed 2 times

Central_rotator_motor_scaffold-C7

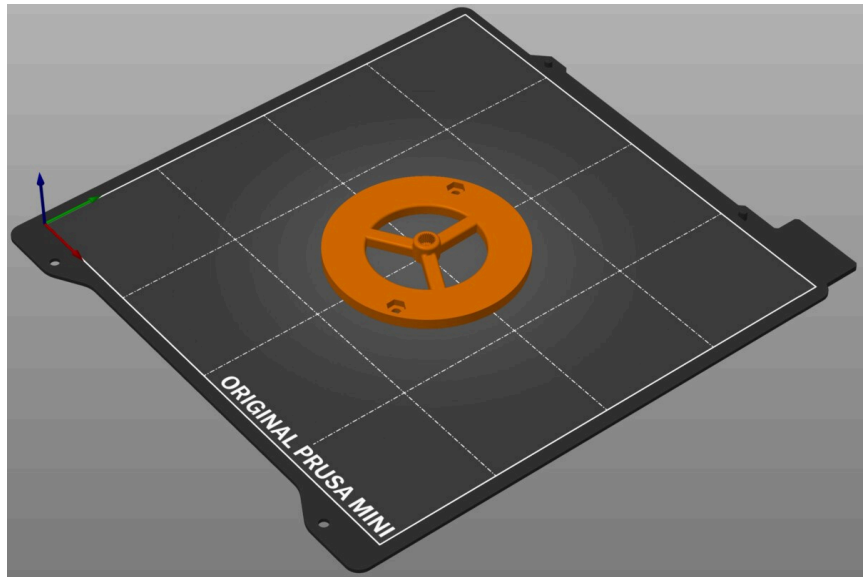
Location	Pib-Humanoid Robot/Arm/Arm_upper
Suggested infill percentage	30%
Suggested infill pattern	Gyroid
Suggested filament	PETG Signal white

Central_rotator_motor_scaffold-C7

Supports

Non

Suggested orientation



Central rotator motor scaffold

Central rotator bracket is printed 4 times

Central_rotator_bracket-C8

Location

Pib-Humanoid Robot/Arm/Arm_upper

Suggested infill percentage 20%-30%

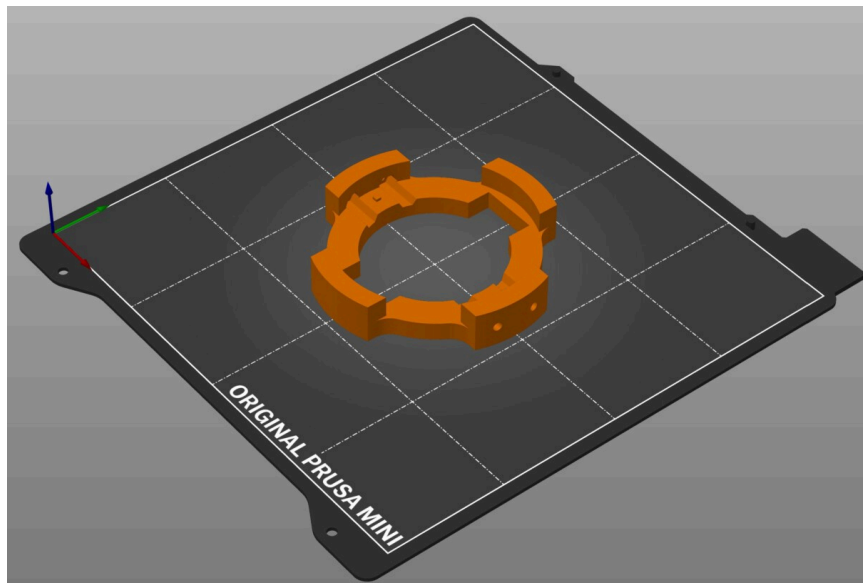
Suggested infill pattern Gyroid

Suggested filament PETG Signal white

Supports

Non

Suggested orientation



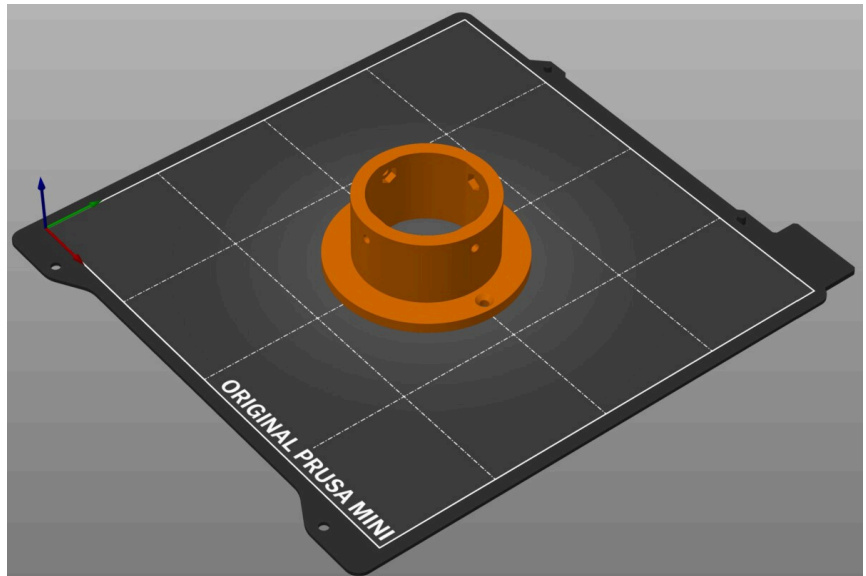
Central rotator bracket

Central rotator connector is printed 2 times

Central_rotator_connector-C9

Location	Pib-Humanoid Robot/Arm/Arm_upper
Suggested infill percentage	30%
Suggested infill pattern	Gyroid
Suggested filament	PETG Signal white
Supports	Non

Suggested orientation



Central rotator connector

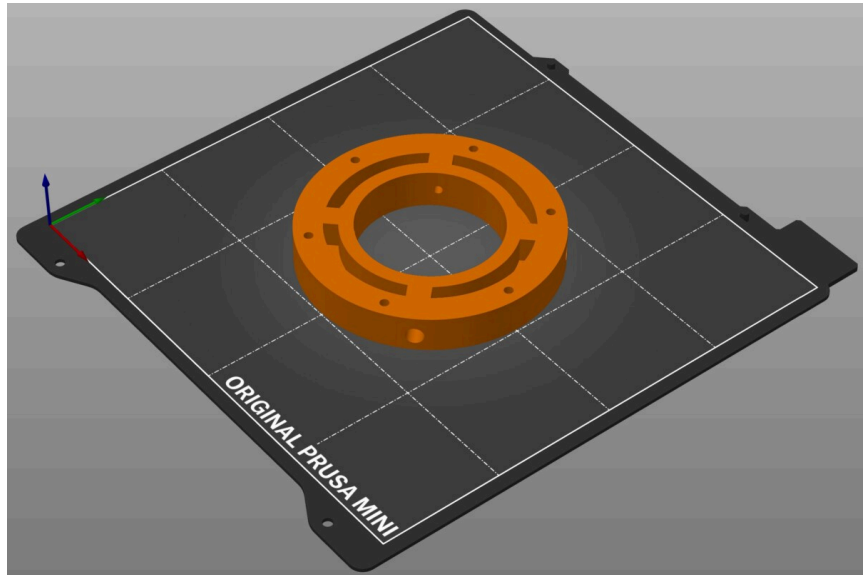
Axial rotation connector is printed 2 times

Axial_rotation_connector-C12

Location	Pib-Humanoid Robot/Arm/Arm_upper
Suggested infill percentage	20%-30%
Suggested infill pattern	Gyroid
Suggested filament	PETG Signal white
Supports	Non

Axial_rotation_connector-C12

Suggested orientation



Axial rotation connector

Elbow_shell_lower_dorsal-C13, Elbow_shell_lower_medial-C14

Location

Pib-Humanoid Robot/Arm/Arm_upper

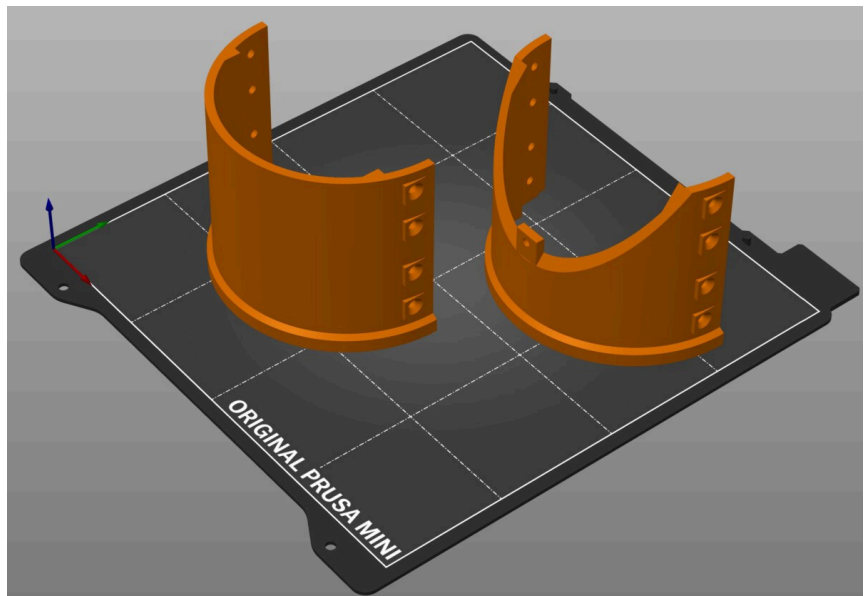
Suggested infill percentage 20%-30%

Suggested infill pattern Gyroid

Suggested filament PETG Signal white

Supports Non

Suggested orientation



Elbow shells

Central rotator motor connector is printed 2 times

Central_rotator_motor_connector-C15

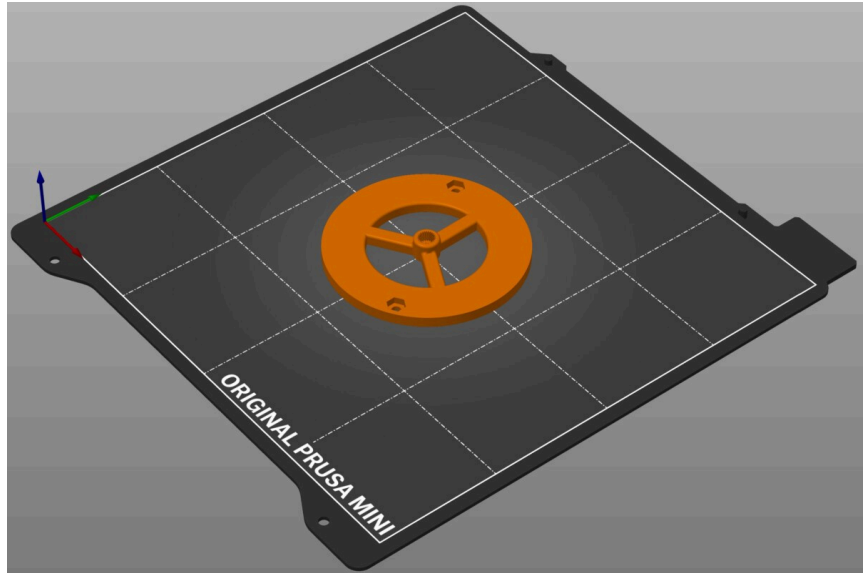
Location

Pib-Humanoid Robot/Arm/Arm_upper

Central_rotator_motor_connector-C15

Suggested infill percentage	40%
Suggested infill pattern	Gyroid
Suggested filament	PETG Signal white
Supports	Non

Suggested orientation



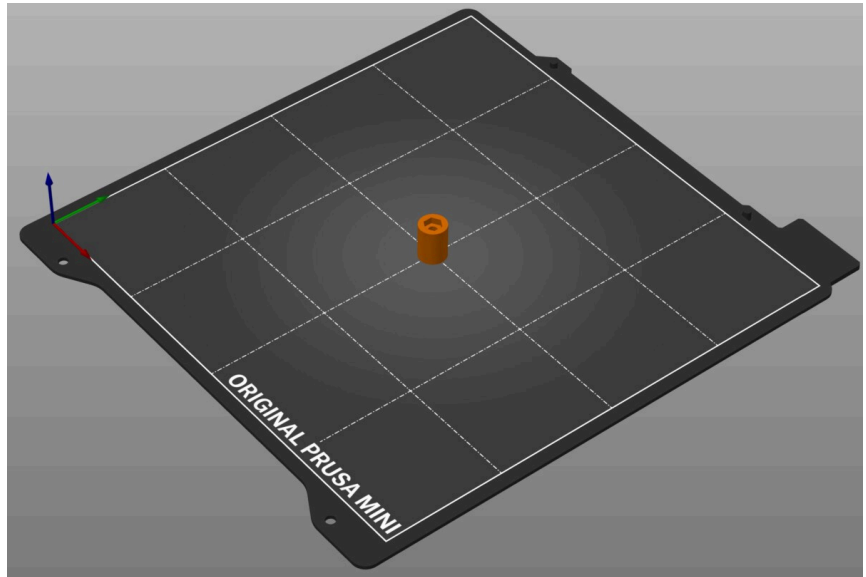
Central rotator motor connector

Elbow joint connector is printed 2 times

Elbow_joint_connector-C16

Location	Pib-Humanoid Robot/Arm/Arm_upper
Suggested infill percentage	30%
Suggested infill pattern	Gyroid
Suggested filament	PETG Signal white
Supports	Non

Suggested orientation



Elbow joint connector

