

Arm (Shoulder, Elbow, Forearm)

C08-Central_rotator_bracket

Suggested layer height 0.2mm

Suggested infill percentage 40%-50%

Supports

Number of this part for one arm 2
Pib

Number of this part for two arm 4
Pib

Mass – (Mass with supports) 20g

Printing time 52min

Suggested
orientation

After printing
processing None

C09-Central_rotator_connector

Suggested layer
height 0.2mm

Suggested infill
percentage 40%-50%

Number of this
part for one arm 2
Pib

Number of this
part for two arm 4
Pib

Mass – (Mass
with supports) 32g

Printing time 1h 10min

Suggested
orientation

After printing
processing

Clean supports

C10-Elbow

Suggested layer
height

0.2mm

Suggested infill percentage	75%-85%
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Supports	None
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Number of this part for one arm Pib	1
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Number of this part for two arm Pib	2
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Mass – (Mass with supports)	197g
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Printing time	7h
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Suggested
orientation

After printing
processing

Clean supports

C11-Elbow_servo_scaffold

Suggested layer
height

0.2mm

Suggested infill percentage	65%-75%
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Supports	None
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Number of this part for one arm Pib	1
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Number of this part for two arm Pib	2
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Mass – (Mass with supports)	61g
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Printing time	2h 40min
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Suggested
orientation

After printing
processing

None

C12-Elbow_motor_connector

Suggested layer
height

0.2mm

Suggested infill
percentage 50%-60%

Supports

Number of this
part for one arm 1
Pib

Number of this
part for two arm 2
Pib

Mass – (Mass
with supports) 6.5

Printing time 18min

Suggested
orientation

After printing
processing

None

C13-Elbow_shell_lower

Suggested layer
height

0.2mm

Suggested infill percentage	40%-50%
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Supports

Number of this part for one arm Pib	1
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Number of this part for two arm Pib	2
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Mass – (Mass with supports)	95g
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Printing time	4h
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Suggested
orientation

After printing
processing

None

C15-Central_rotator_motor_connector

Suggested
layer height

0.2mm

Suggested infill
percentage 40%-50%

Supports

Number of this
part for one 2
arm Pib

Number of this
part for two 4
arm Pib

Mass – (Mass
with supports) 16.5g

Printing time 35min

Suggested
orientation

After printing
processing

None

C19-Forearm_distal_top

Suggested layer
height

0.2mm

Suggested infill percentage	40%-50%
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Supports

Number of this part for one arm Pib	1
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Number of this part for two arm Pib	2
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Mass – (Mass with supports)	148g
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Printing time	5h
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Suggested
orientation

After printing
processing

None

Suggested layer height	0.2mm
Suggested infill percentage	25%-35%
Supports	
Number of this part for one arm Pib	1
Number of this part for two arm Pib	2
Mass – (Mass with supports)	12g
Printing time	1h

Suggested
orientation

After printing
processing

None

C21-Elbow_servo_holder

Suggested layer
height

0.2mm

Suggested infill percentage	50%-60%
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Supports

Number of this part for one arm Pib	1
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Number of this part for two arm Pib	2
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Mass – (Mass with supports)	36g
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Printing time	1h 45min
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Suggested
orientation

After printing
processing

None

C24-Forearm_tube_enclosure

Suggested layer
height

0.2mm

Suggested infill
percentage 40%-50%

Supports

Number of this
part for one arm 1
Pib

Number of this
part for two arm 2
Pib

Mass – (Mass
with supports) 0.56g

Printing time 4min

Suggested
orientation

After printing
processing

None

C50-Wrist_Joint_Connector

Suggested layer
height

0.2mm

Suggested infill percentage	100%
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Supports

Number of this part for one arm Pib	2
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Number of this part for two arm Pib	4
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Mass – (Mass with supports)	1.4g
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Printing time	12min
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Suggested
orientation

After printing
processing

None

C260-Flange_Inner_Shoulder

Suggested layer
height

0.2mm

Suggested infill
percentage

40%-50%

Supports

Number of this part for one arm Pib	1
Number of this part for two arm Pib	2
Mass – (Mass with supports)	8.5g
Printing time	21min

Suggested
orientation

After printing processing	None
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Suggested layer height	0.2mm
Suggested infill percentage	40%-50%

Supports

Number of this part for one arm Pib	1
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Number of this part for two arm Pib	2
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Mass – (Mass with supports)	0.56g
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Printing time	4min
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Suggested
orientation

After printing
processing

None

C61-Motor_bracket_inner_Shoulder

Suggested layer
height

0.2mm

Suggested infill percentage	40%-50%
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Supports

Number of this part for one arm Pib	1
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Number of this part for two arm Pib	2
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Mass – (Mass with supports)	0148g
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Printing time	4h 20min
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Suggested
orientation

After printing
processing

None

C24-Forearm_tube_enclosure

Suggested layer
height

0.2mm

Suggested infill
percentage 40%-50%

Supports

Number of this
part for one arm 1
Pib

Number of this
part for two arm 2
Pib

Mass – (Mass
with supports) 0.56g

Printing time 4min

Suggested
orientation

After printing
processing

None

C62-Ringflange_Inner_Shoulder

Suggested layer
height

0.2mm

Suggested infill
percentage 40%-50%

Supports

Number of this
part for one arm 1
Pib

Number of this
part for two arm 2
Pib

Mass – (Mass
with supports) 33g

Printing time 1h

Suggested
orientation

After printing
processing

None

C24-Forearm_tube_enclosure

Suggested layer
height

0.2mm

Suggested infill
percentage

40%-50%

Supports

Number of this
part for one arm 1

Pib

Number of this
part for two arm 2

Pib

Mass – (Mass
with supports) 0.56g

Printing time 4min

Suggested
orientation

After printing
processing

None

C24-Forearm_tube_enclosure

Suggested layer
height

0.2mm

Suggested infill
percentage

40%-50%

Supports

Number of this
part for one arm 1

Pib

Number of this
part for two arm 2

Pib

Mass – (Mass
with supports) 0.56g

Printing time 4min

Suggested
orientation

After printing
processing

None

C63-Motor_Axis_Inner_Shoulder

Suggested layer
height

0.2mm

Suggested infill
percentage 40%-50%

Supports

Number of this
part for one arm 1
Pib

Number of this
part for two arm 2
Pib

Mass – (Mass
with supports) 52g

Printing time 1h 40min

Suggested
orientation

After printing
processing

None

C64-Motor_Axis_Cap_Inner_Shoulder

Suggested layer
height

0.2mm

Suggested infill
percentage 40%-50%

Supports

Number of this
part for one 1
arm Pib

Number of this
part for two 2
arm Pib

Mass – (Mass
with supports) 22g

Printing time 45min

Suggested
orientation

After printing
processing

None

C65-Bracket_Outer_Shoulder

Suggested layer
height

0.2mm

Suggested infill
percentage 40%-50%

Supports

Number of this
part for one arm 1
Pib

Number of this
part for two arm 2
Pib

Mass – (Mass
with supports) 176g

Printing time 6h

Suggested
orientation

After printing
processing

None

C24-Forearm_tube_enclosure

Suggested layer
height

0.2mm

Suggested infill percentage	40%-50%
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Supports

Number of this part for one arm	1
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Pib

Number of this part for two arm	2
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Pib

Mass – (Mass with supports)	0.56g
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Printing time	4min
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Suggested
orientation

After printing
processing

None

C66-Cap_Front_Outer_Shoulder

Suggested layer
height

0.2mm

Suggested infill
percentage 40%-50%

Supports

Number of this
part for one arm 1
Pib

Number of this
part for two arm 2
Pib

Mass – (Mass
with supports) 45g

Printing time 1h 24min

Suggested
orientation

After printing
processing

None

C67-Cap_Back_Outer_Shoulder

Suggested layer
height

0.2mm

Suggested infill
percentage 40%-50%

Supports

Number of this
part for one arm 1
Pib

Number of this
part for two arm 2
Pib

Mass – (Mass
with supports) 27g

Printing time 50min

Suggested
orientation

After printing
processing

None

C68-Inner_Ring_Outer_Shoulder

Suggested layer
height

0.2mm

Suggested infill
percentage 40%-50%

Supports

Number of this
part for one 2
arm Pib

Number of this
part for two arm 4
Pib

Mass – (Mass
with supports) 11g

Printing time 27min

Suggested
orientation

After printing
processing

None

C69-Inner_Ring_Outer_Shoulder

Suggested layer
height

0.2mm

Suggested infill
percentage 40%-50%

Supports

Number of this
part for one 1
arm Pib

Number of this
part for two arm 2
Pib

Mass – (Mass
with supports) 320g

Printing time 9h 20min

Suggested
orientation

After printing
processing

None

Suggested layer height	0.2mm
Suggested infill percentage	40%-50%
Supports	
Number of this part for one arm Pib	1
Number of this part for two arm Pib	2
Mass – (Mass with supports)	109g
Printing time	3h 40min

Suggested
orientation

After printing
processing

None

C72-Plate_Outer_Shoulder

Suggested layer
height

0.2mm

Suggested infill percentage	40%-50%
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Supports

Number of this part for one arm Pib	1
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Number of this part for two arm Pib	2
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Mass – (Mass with supports)	0.9g
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Printing time	4min
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Suggested
orientation

After printing
processing

None

C73-Motor_Bracket_Outer_Shoulder

Suggested layer
height

0.2mm

Suggested infill
percentage

40%-50%

Supports

Number of this

part for one 1

arm Pib

Number of this

part for two 2

arm Pib

Mass – (Mass
with supports)

14g

Printing time

36min

Suggested
orientation

After printing
processing

None

C74-Wire_holder

Suggested layer
height

0.2mm

Suggested infill percentage	40%-50%
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Supports

Number of this part for one arm Pib	1
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Number of this part for two arm Pib	2
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Mass – (Mass with supports)	4g
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Printing time	19min
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Suggested
orientation

After printing
processing

None