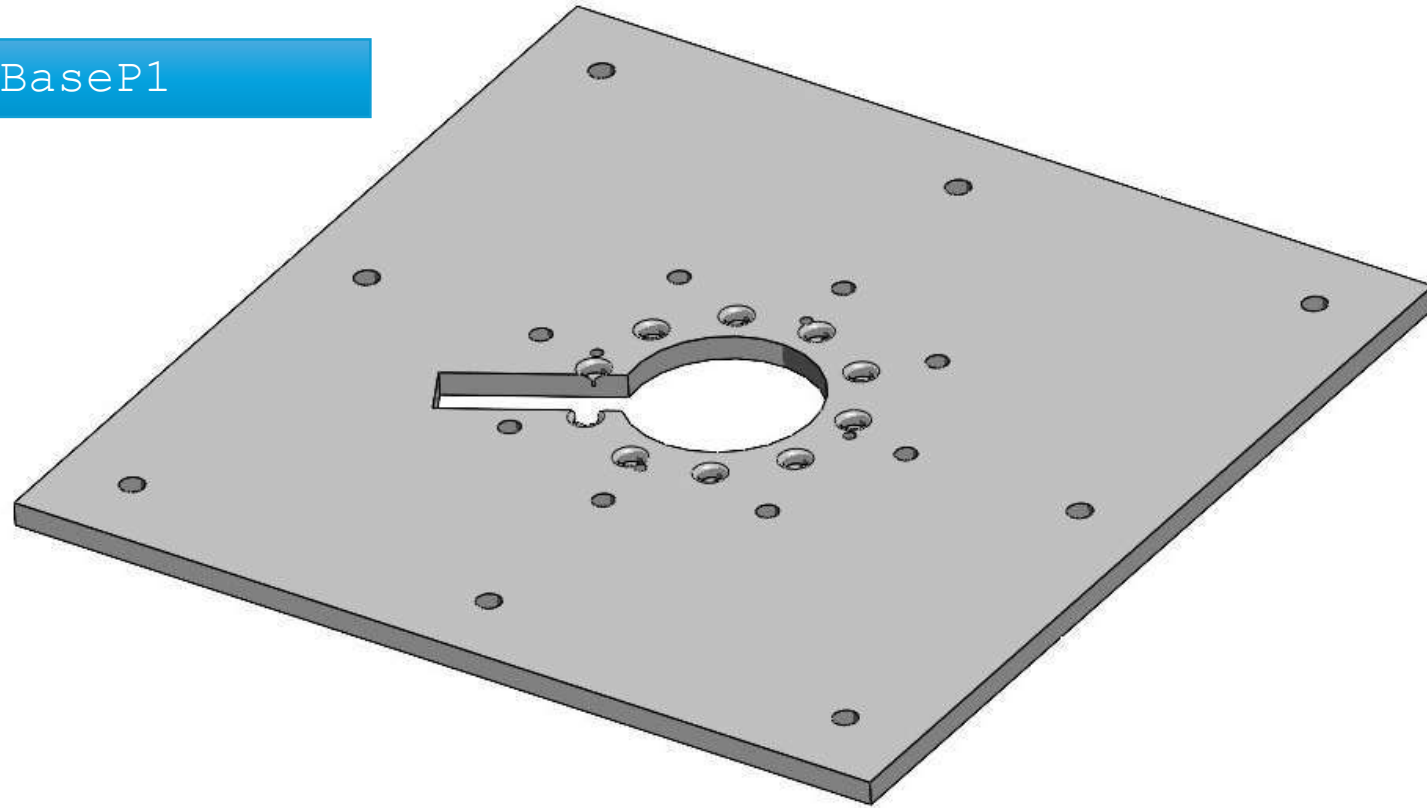


BaseP1



BaseP1

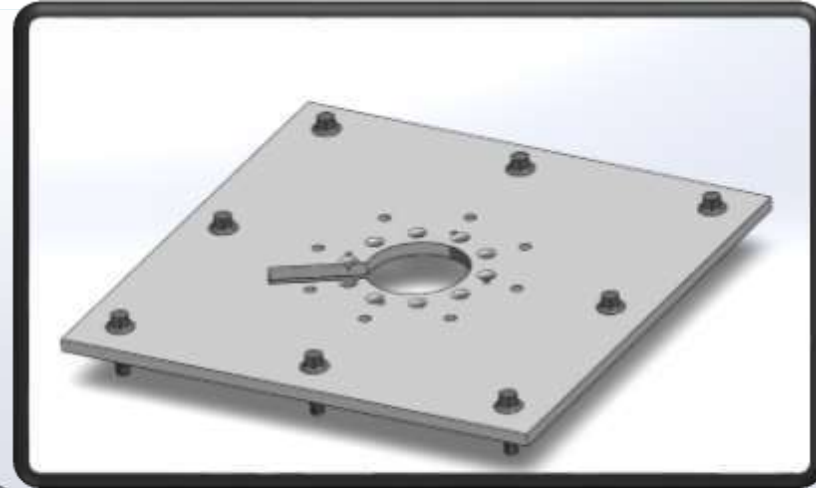
M8 size Bolt

8mm Holes

M4 size counterbore

M8 size threads

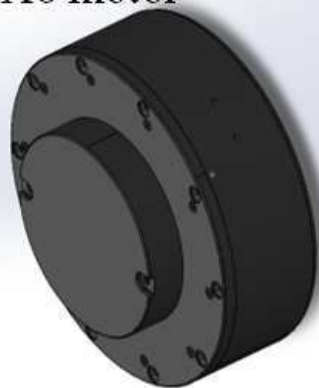
M8 size nut



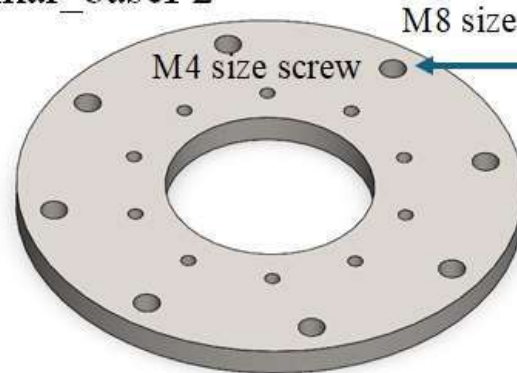
M4 size headcap screw



RMD X8 motor



Final\_baseP2



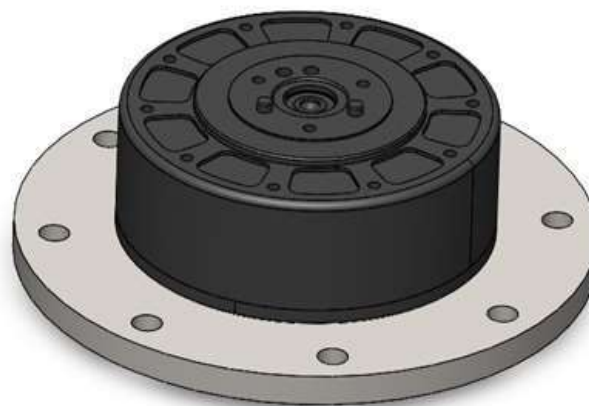
M8 size screw

M4 size screw

Bottom view



Top view

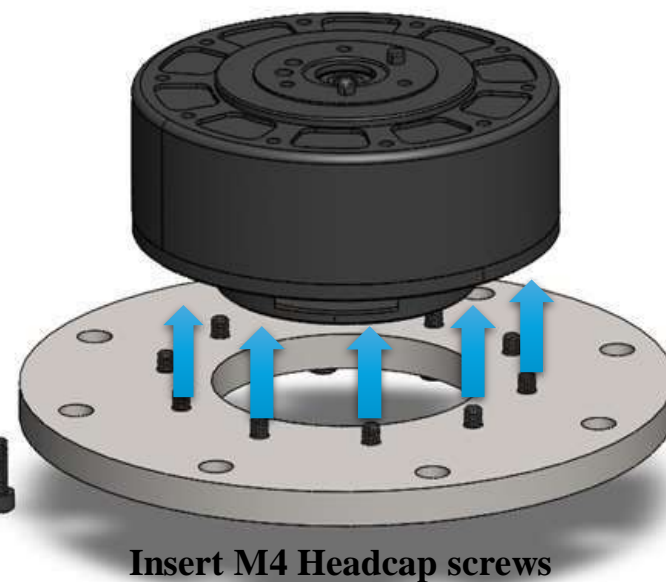


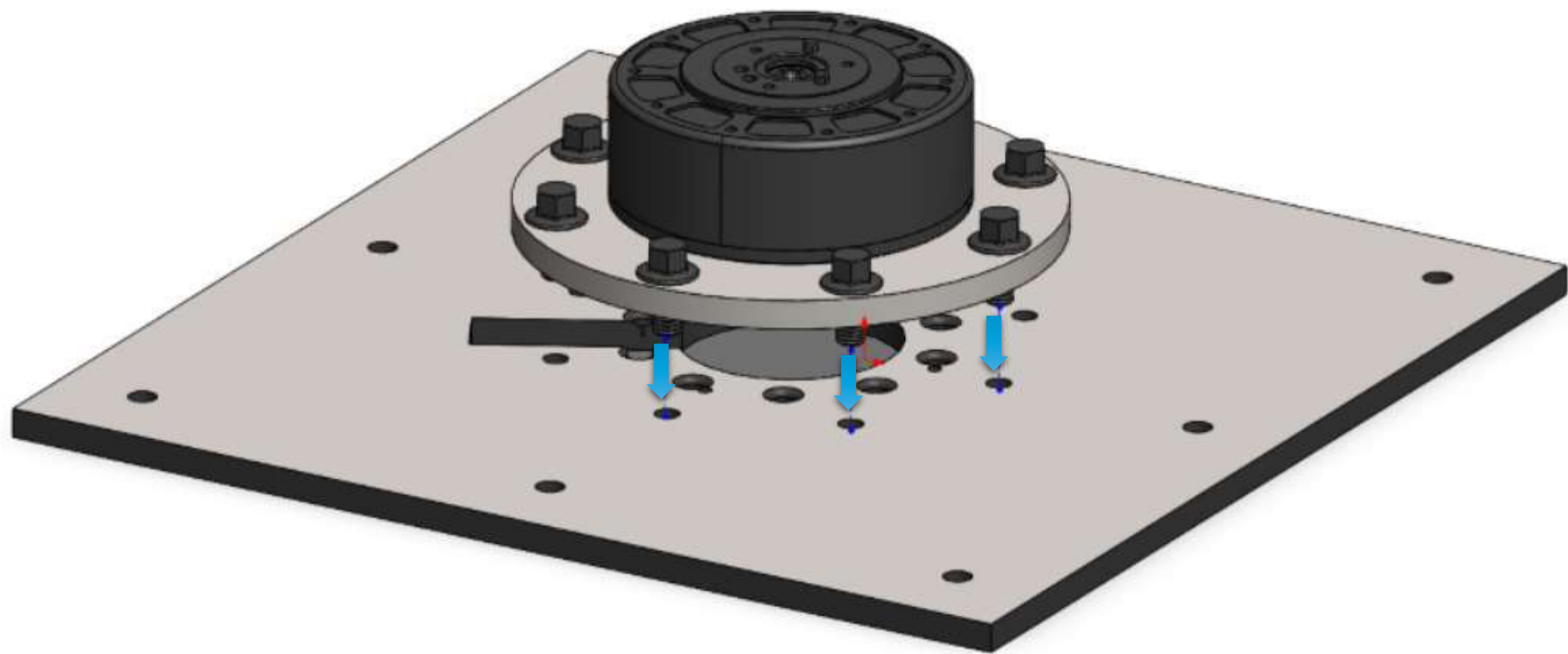
10x M4 size 12mm



Insert M4 Headcap screws

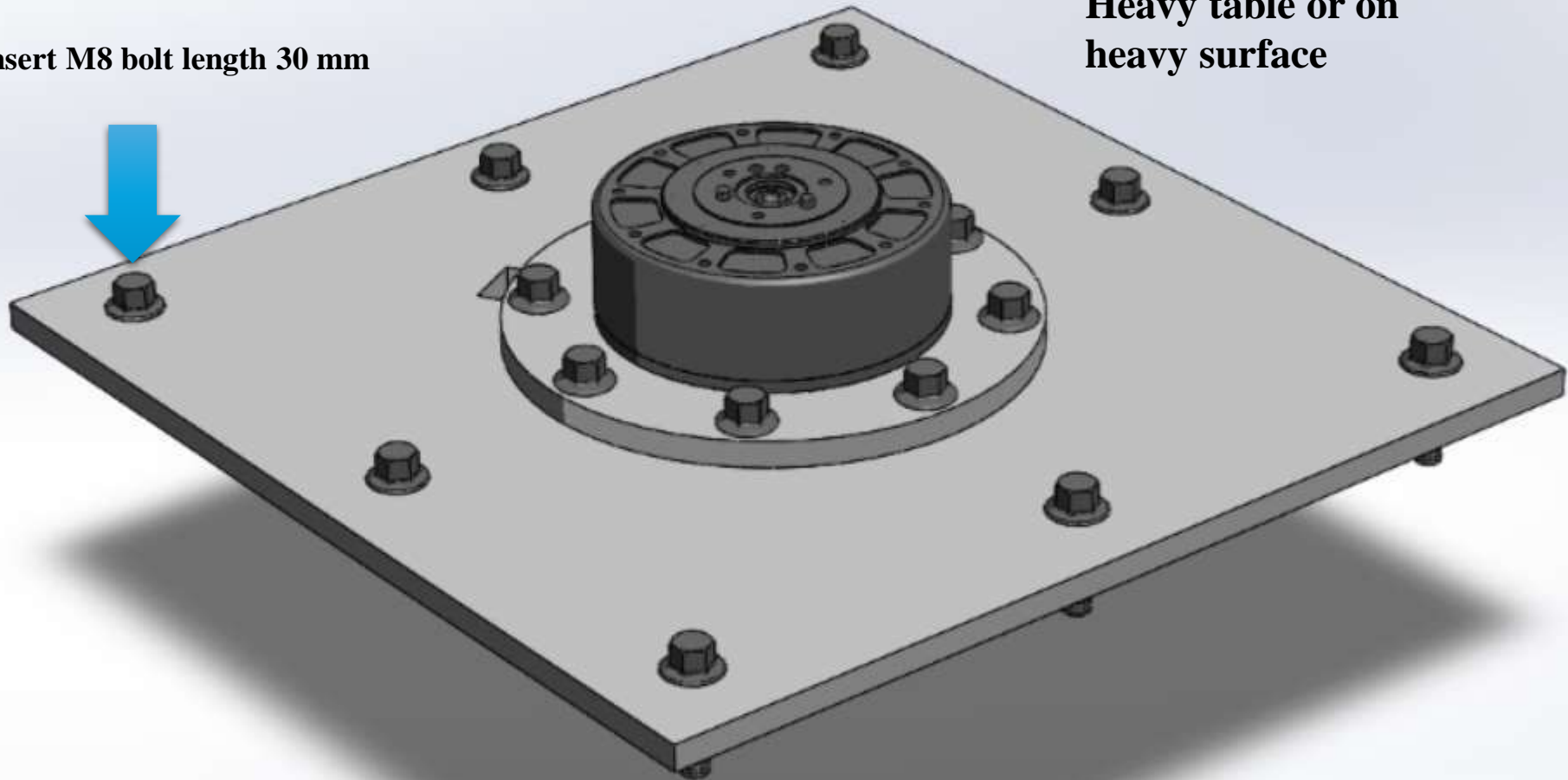
Front view

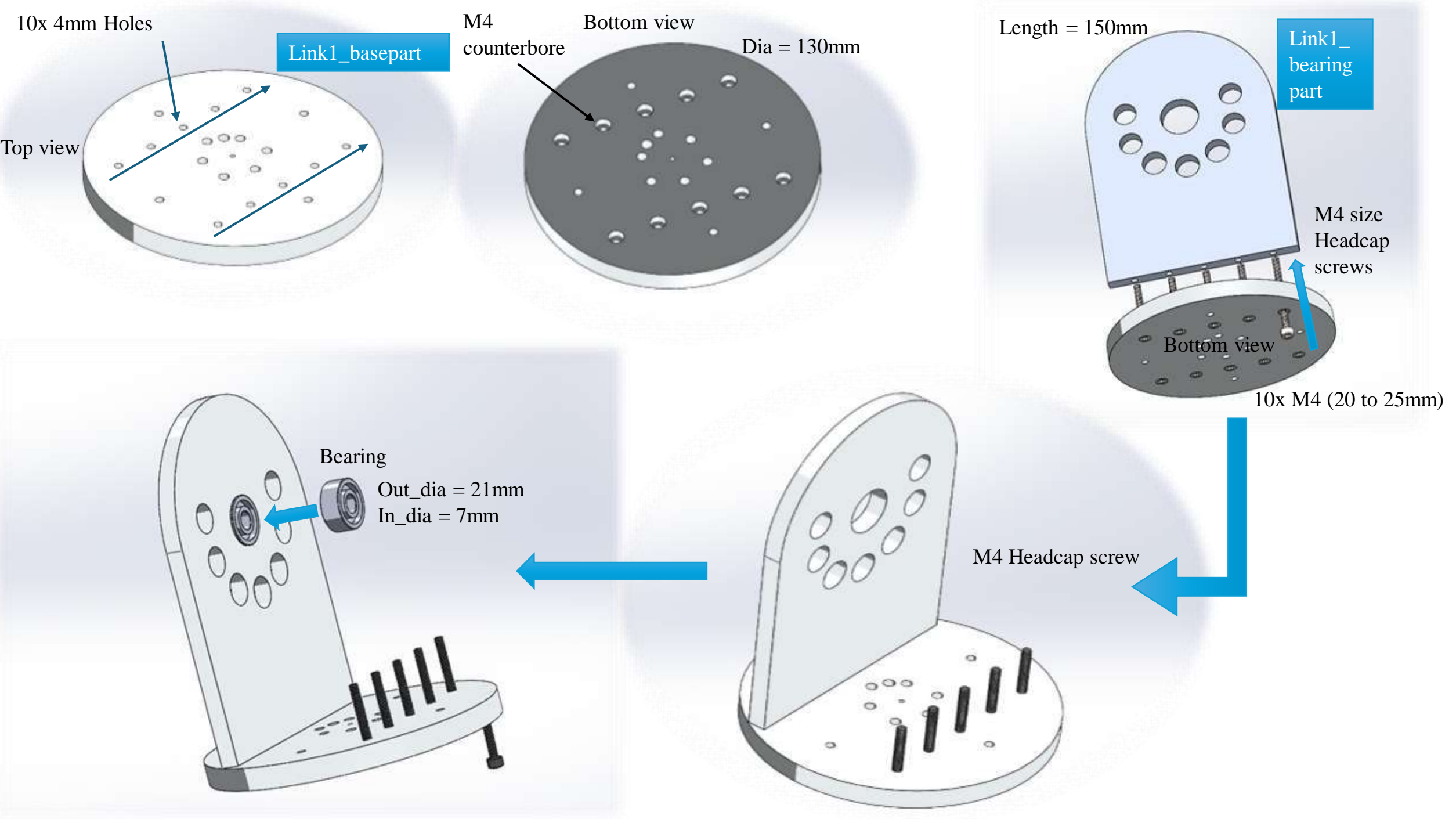




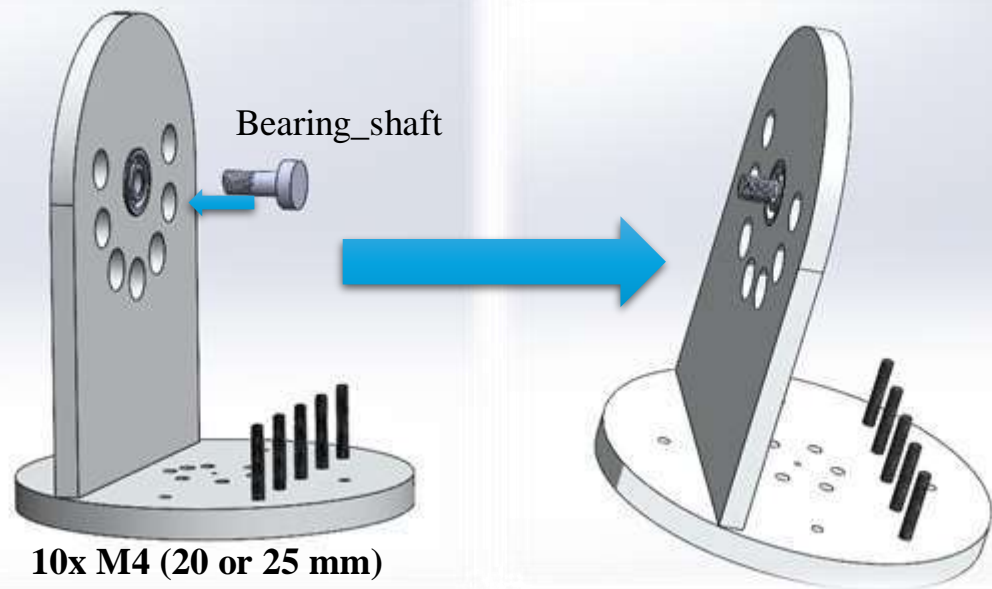
**Insert M8 bolt length 30 mm**

**Mount Base on  
Heavy table or on  
heavy surface**



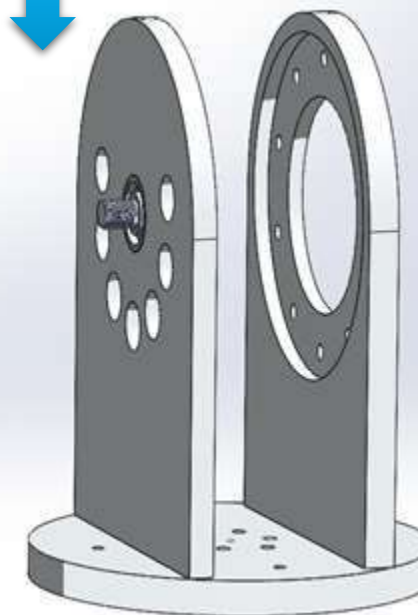
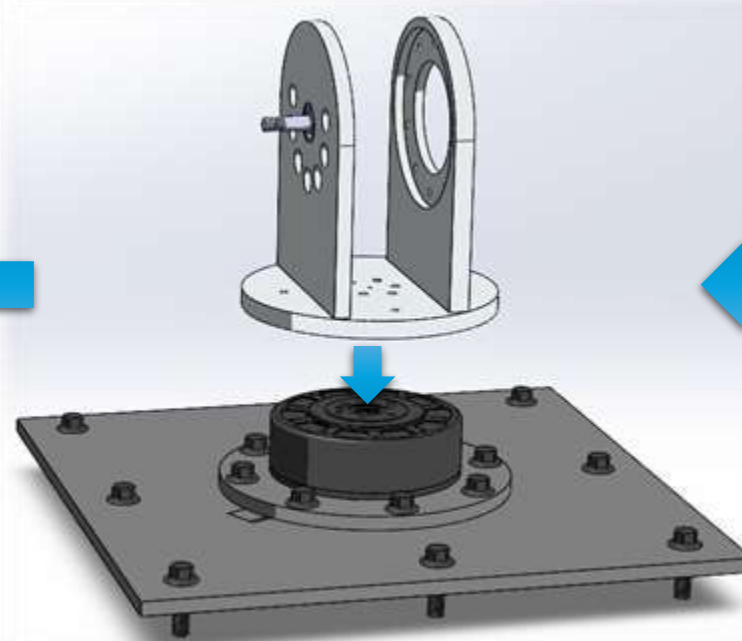
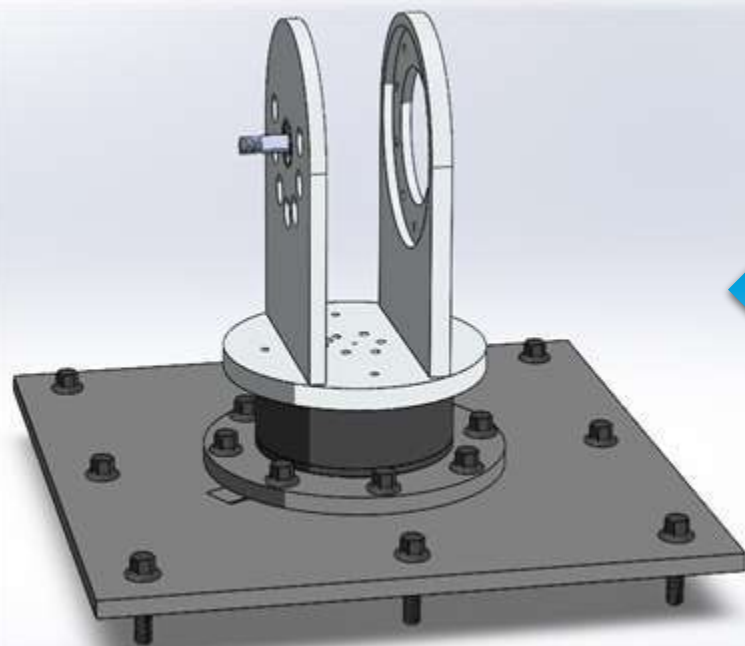
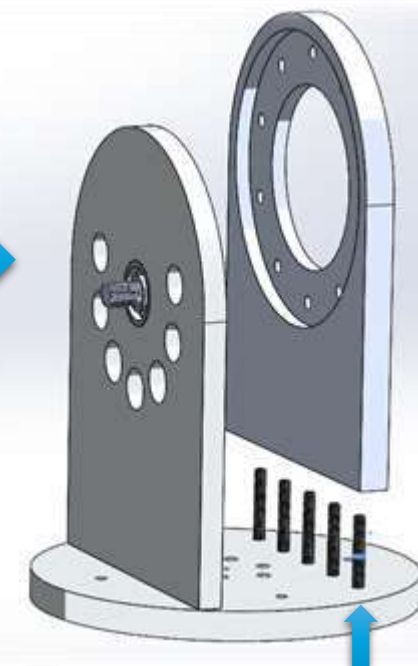
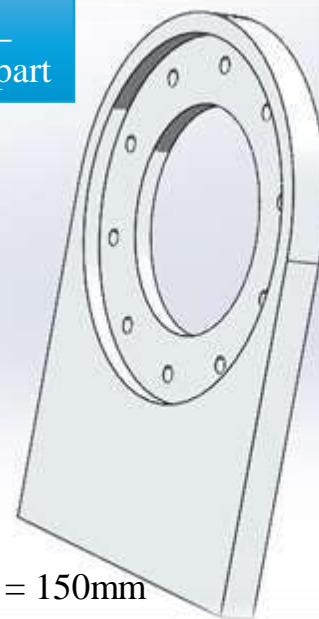


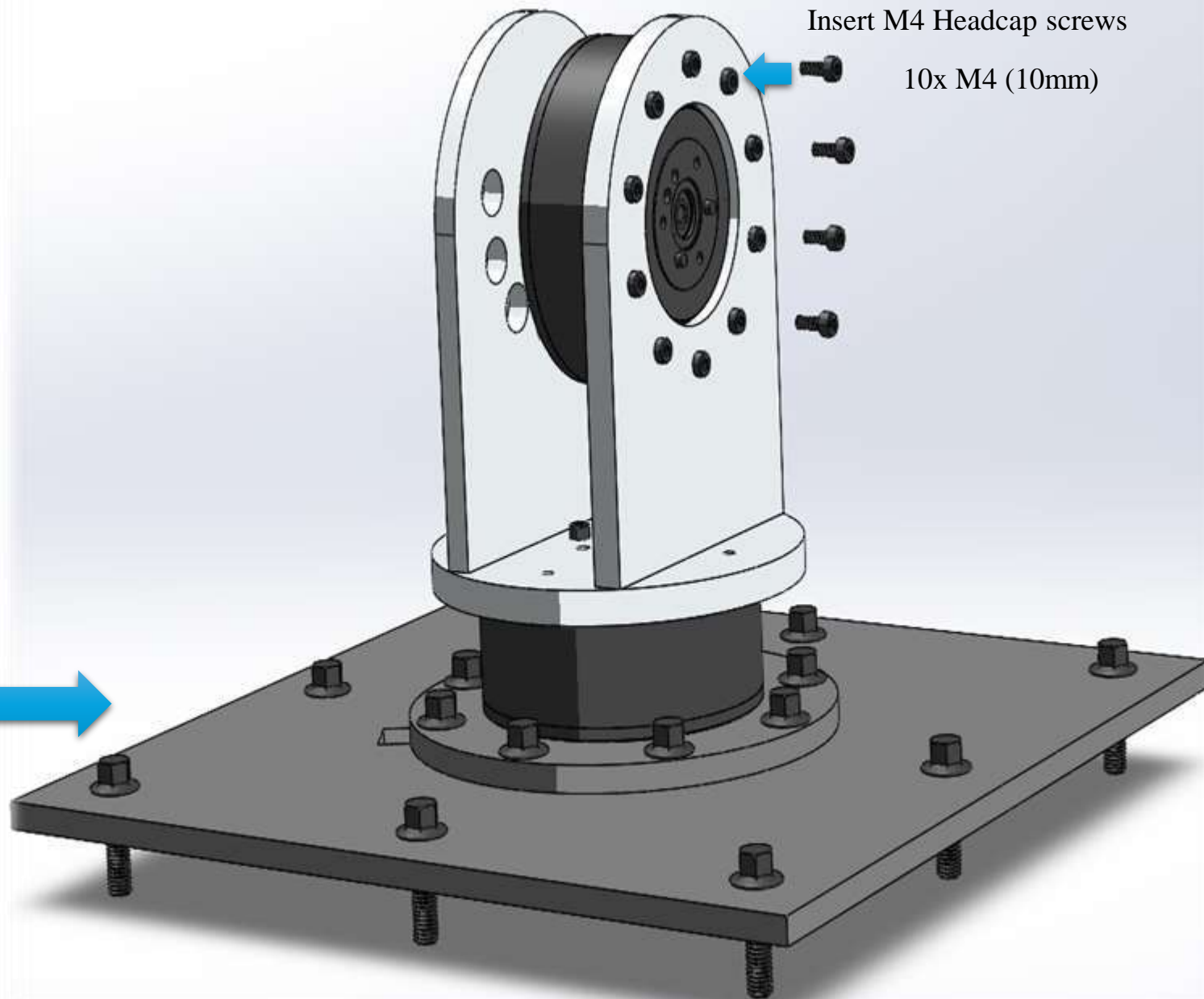
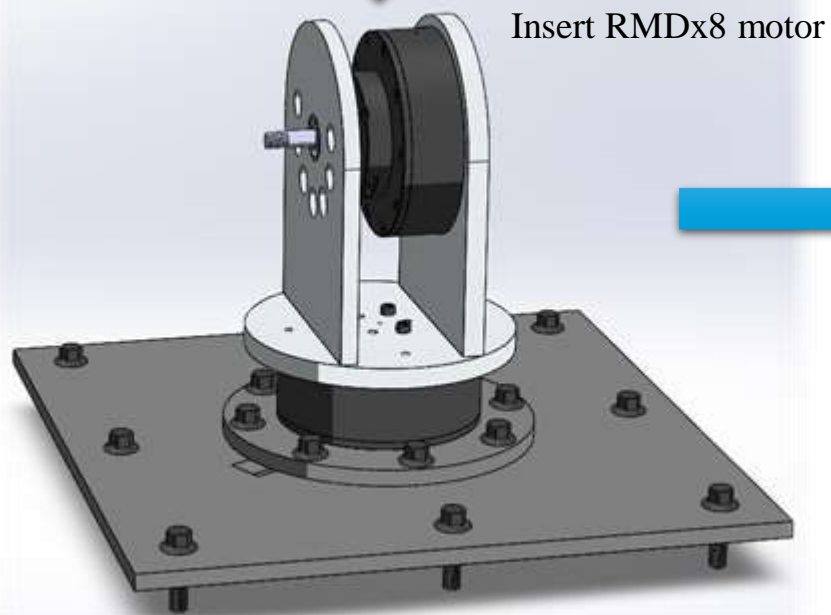
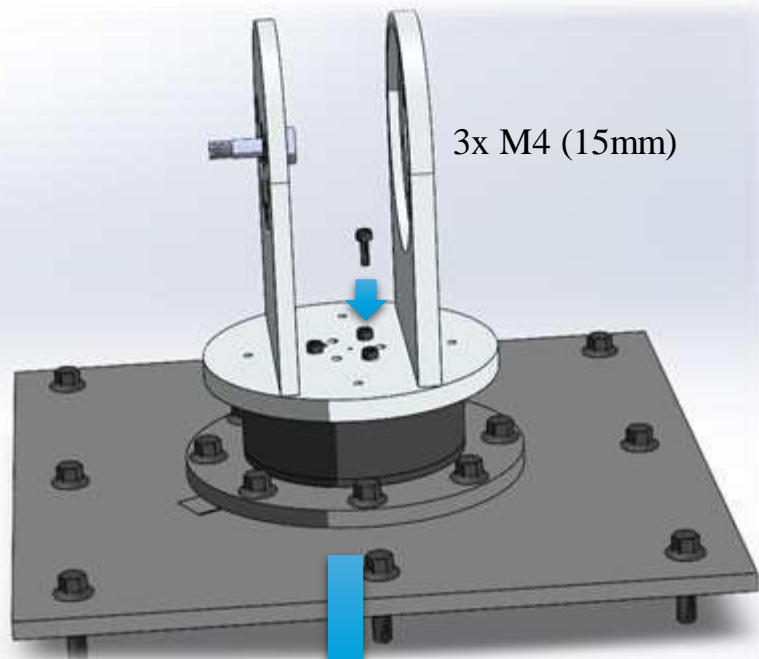




Link1\_  
motorpart

Length = 150mm

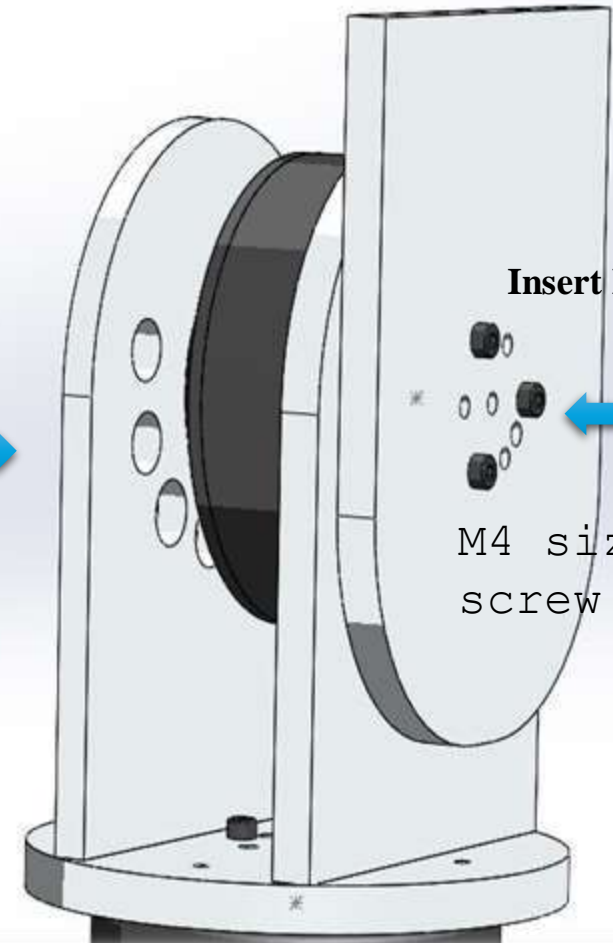
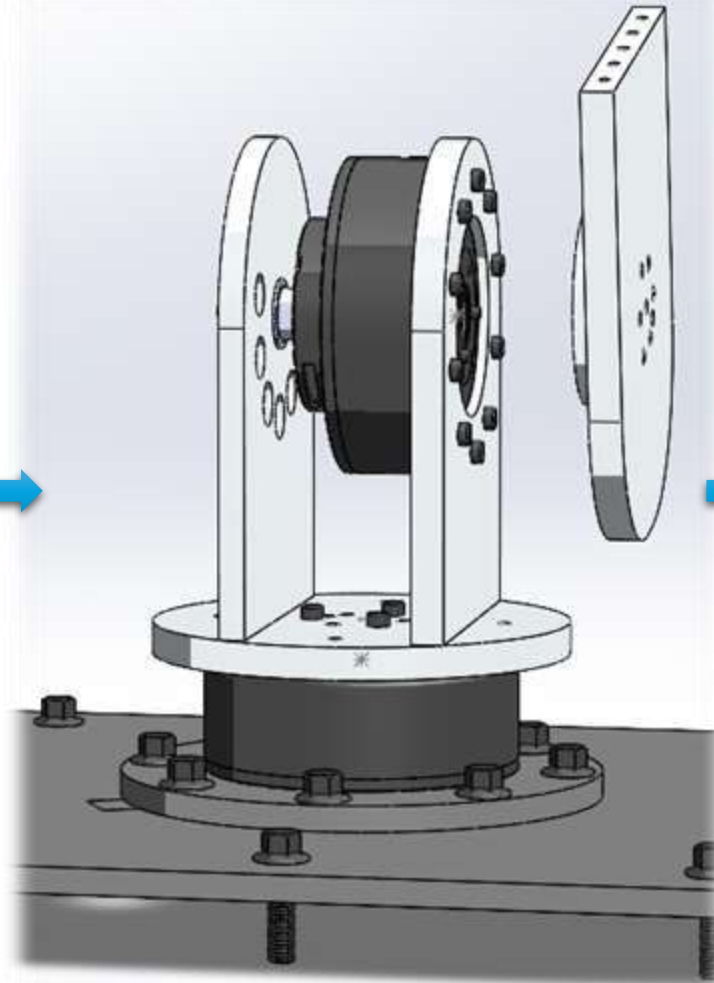
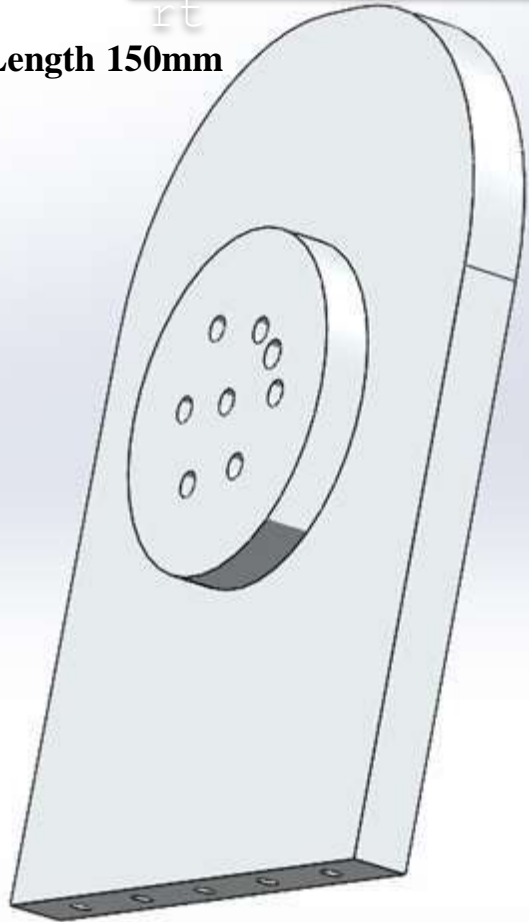






Link2\_motorpa

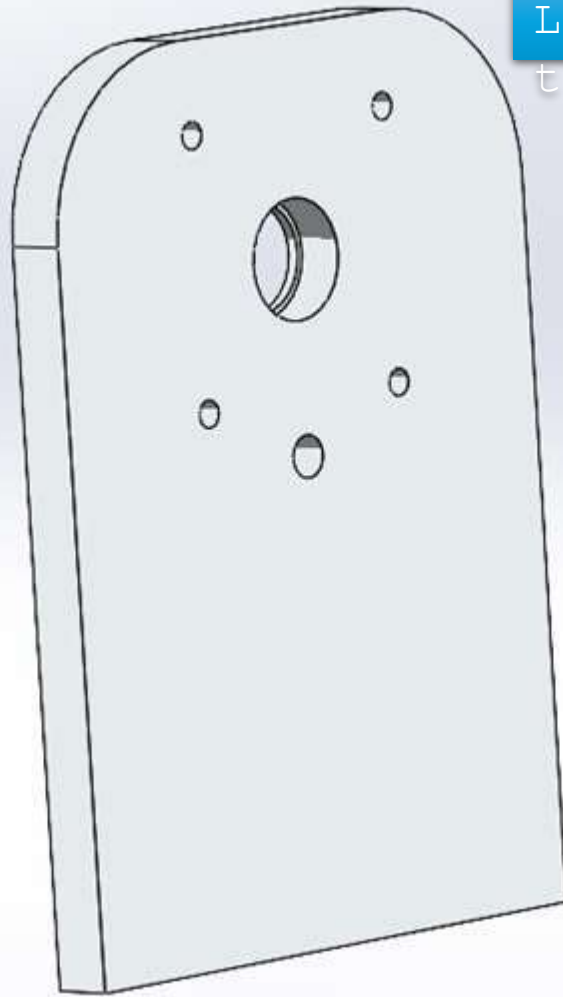
Length 150mm



Insert M4 screws

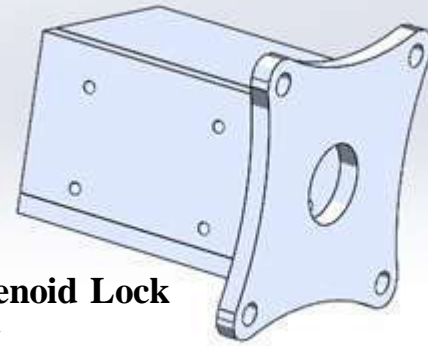
M4 size head c  
screw 20mm

**Length 150mm**



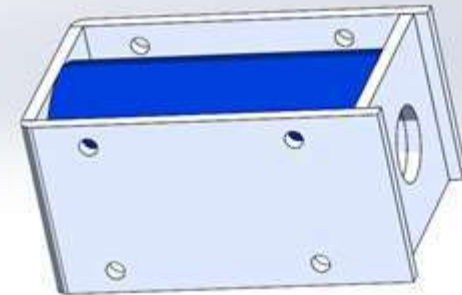
Link2\_Lockpart

**Front side**

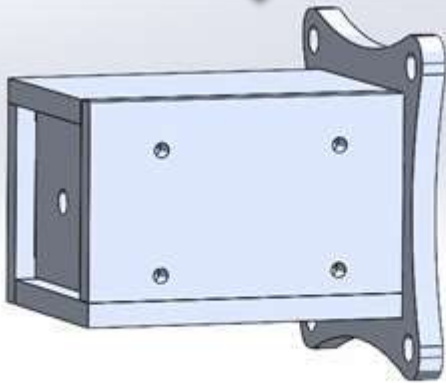
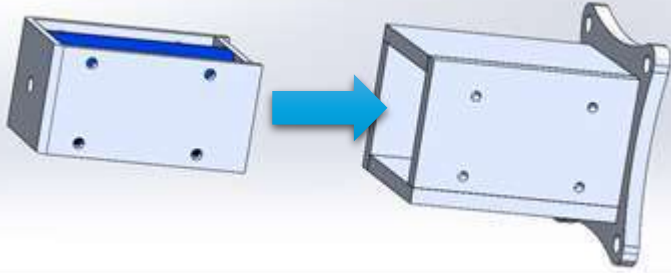


**Solenoid Lock  
box**

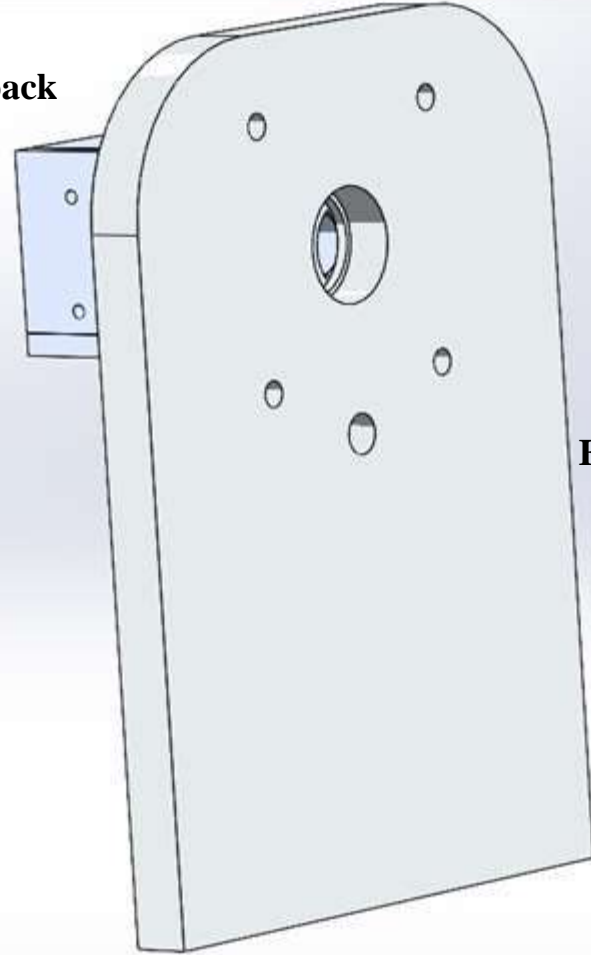
**Solenoid coil**



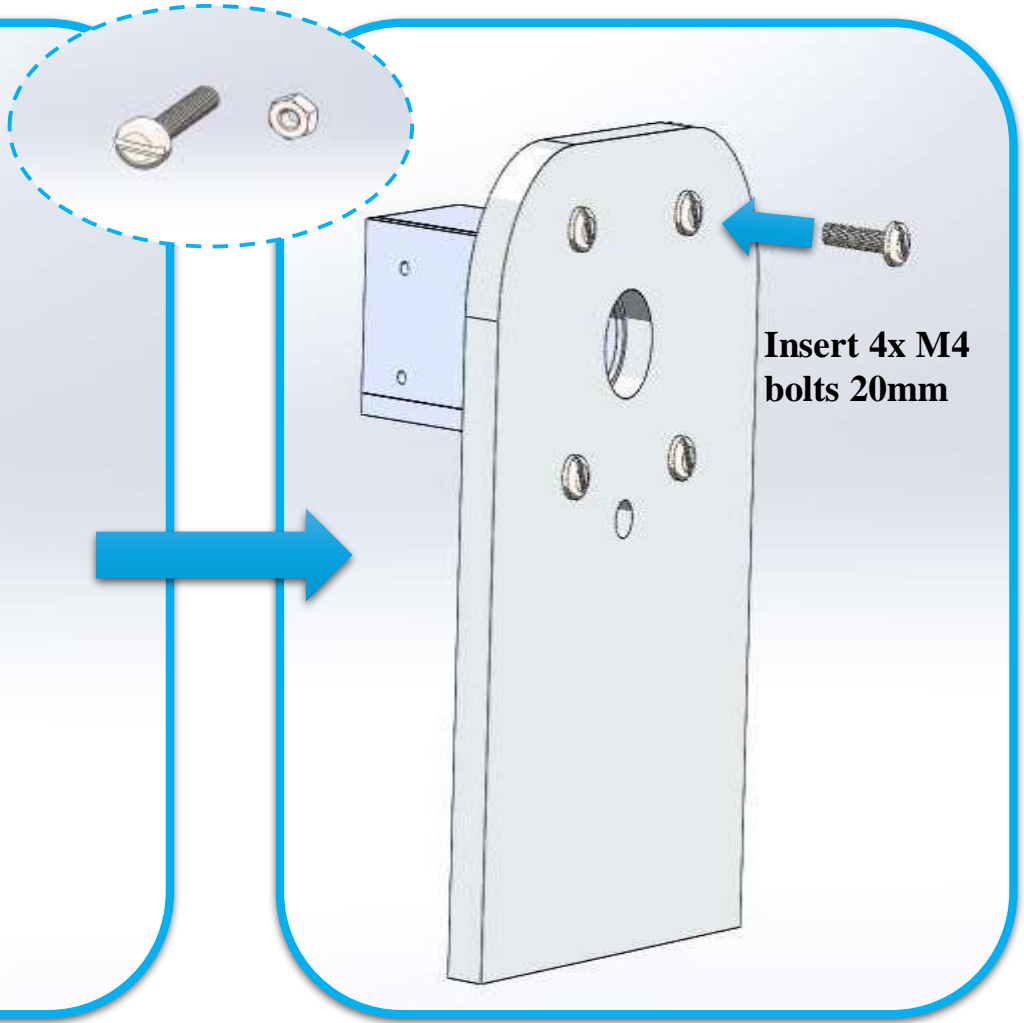
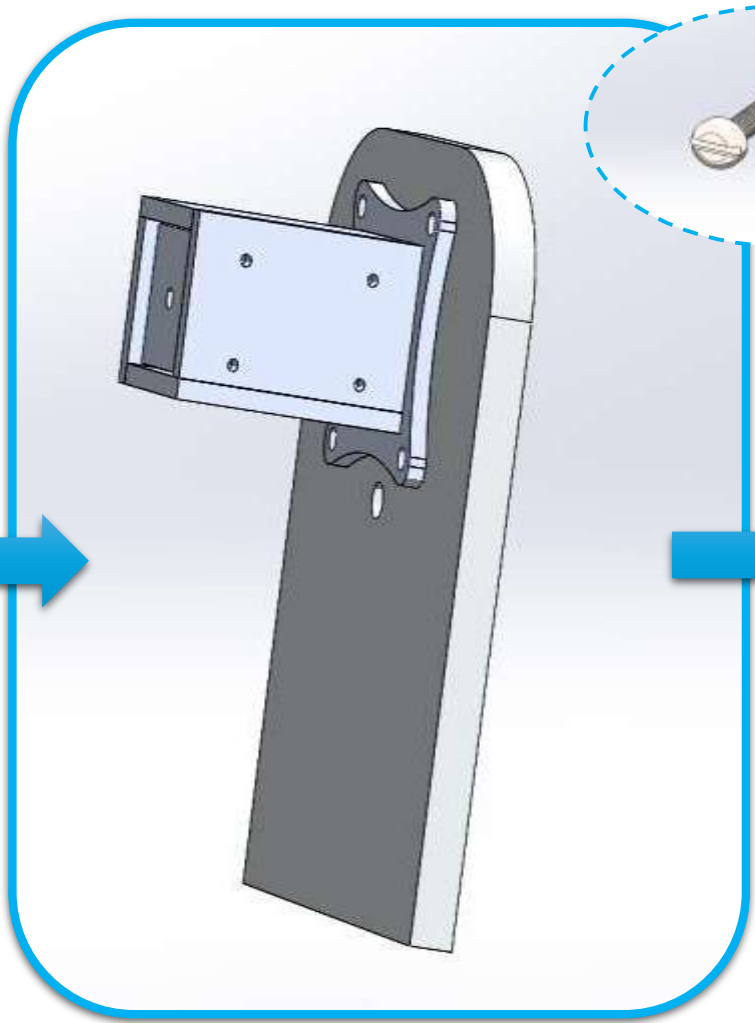
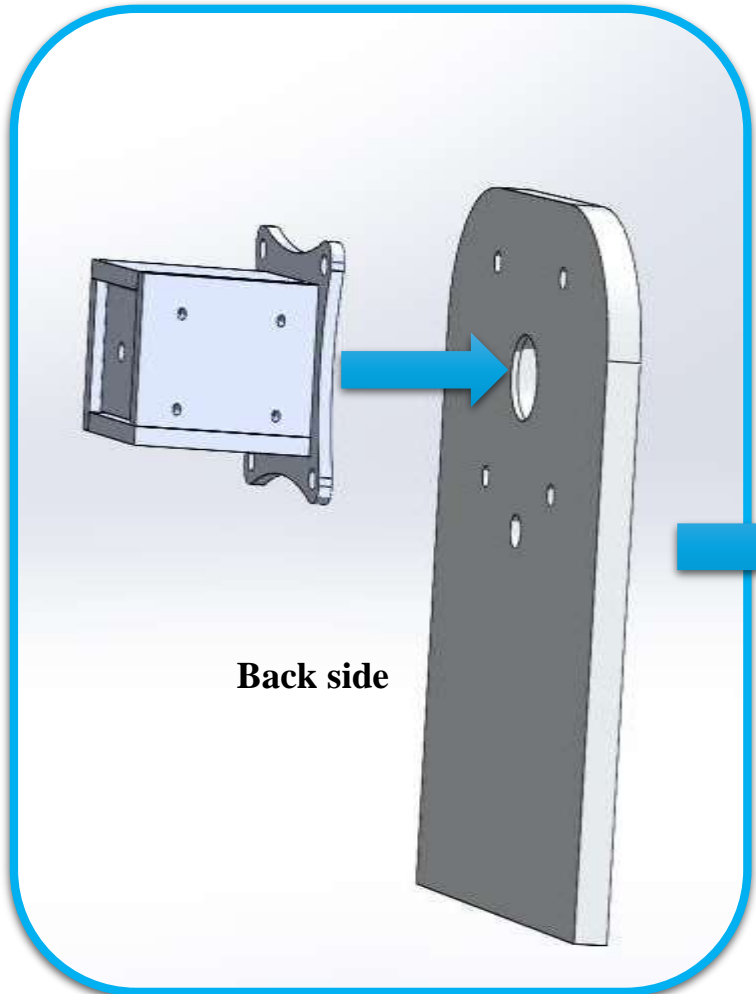
**Insert Solenoid coil**



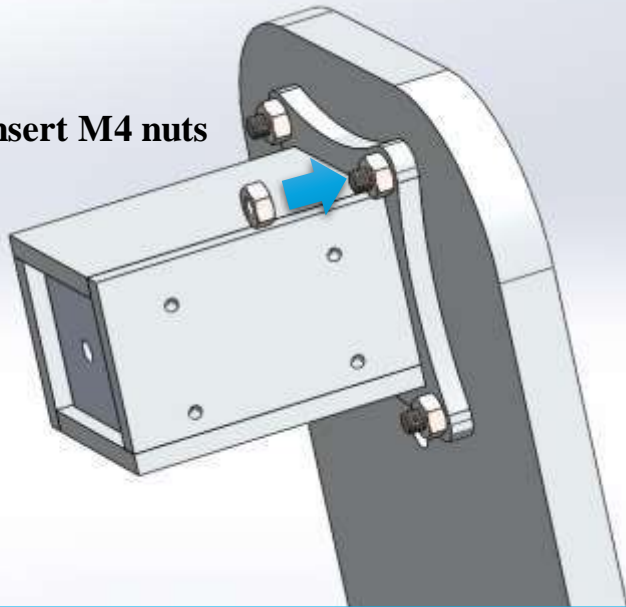
**Link to back  
side**



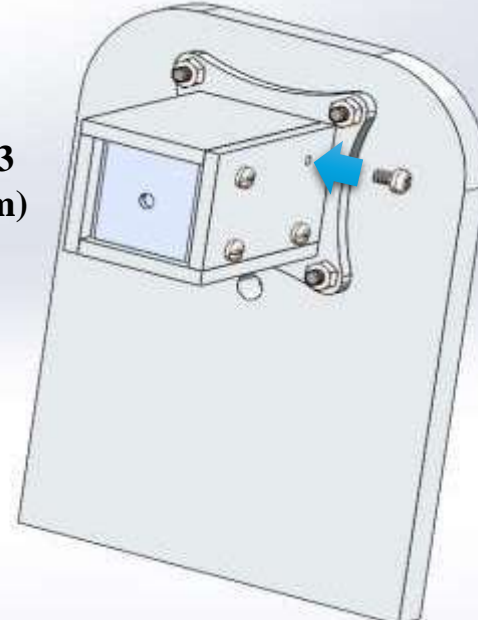
**Front side**



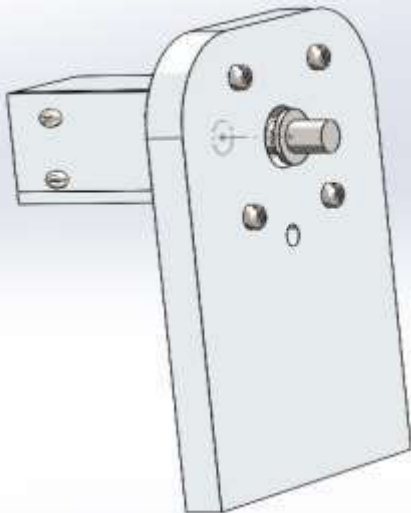
**Insert M4 nuts**



**Insert 8x M3  
screws (5mm)**



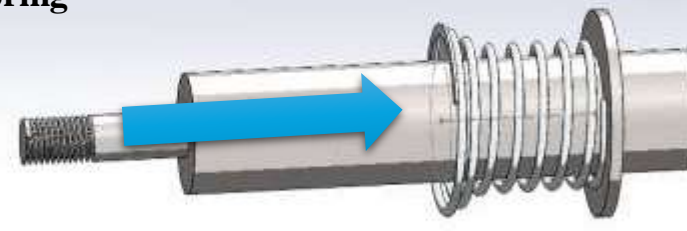
**Insert Solenoid  
Plunger**



**Solenoid Spring**

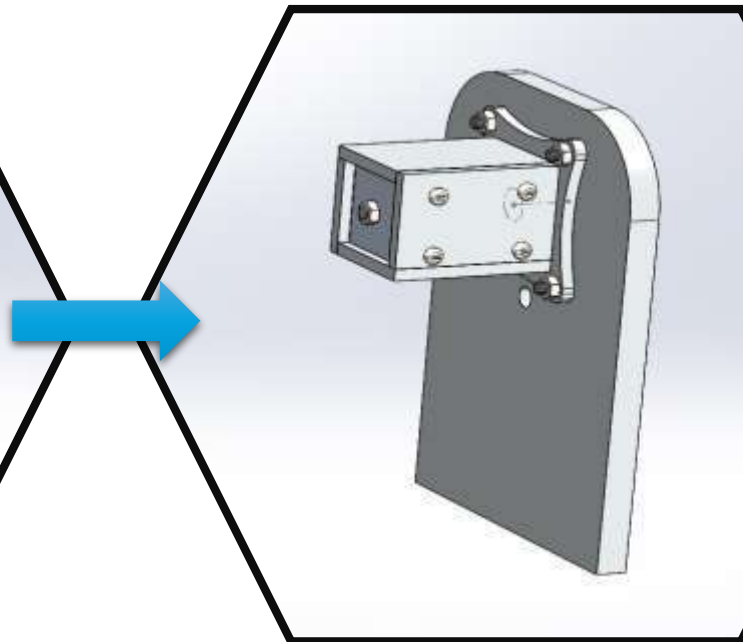
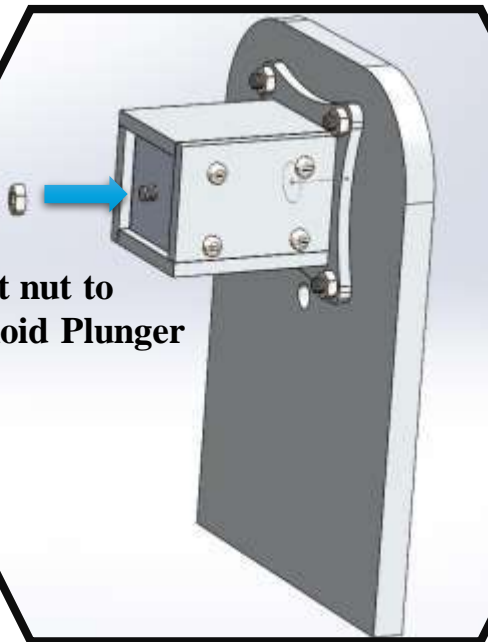


**Solenoid Plunger**

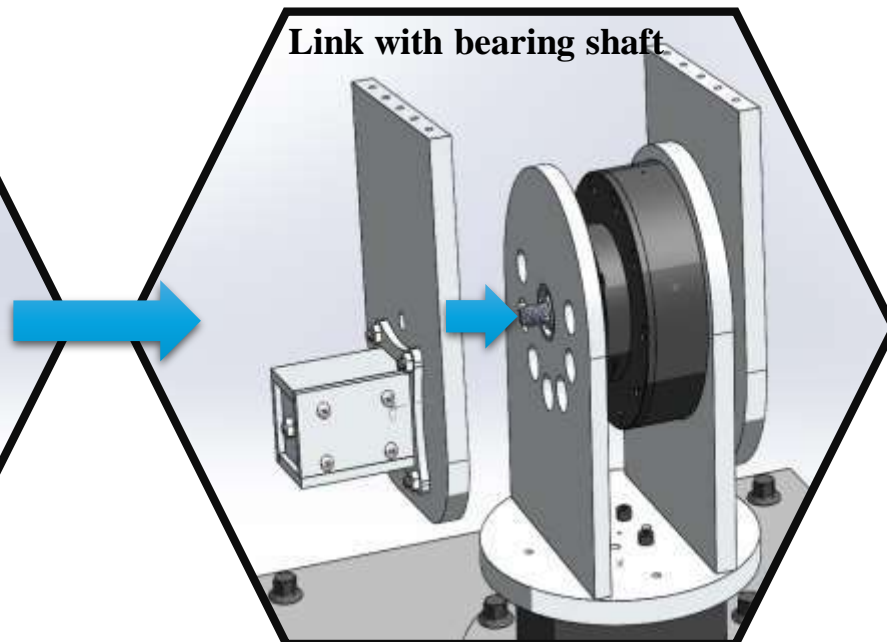




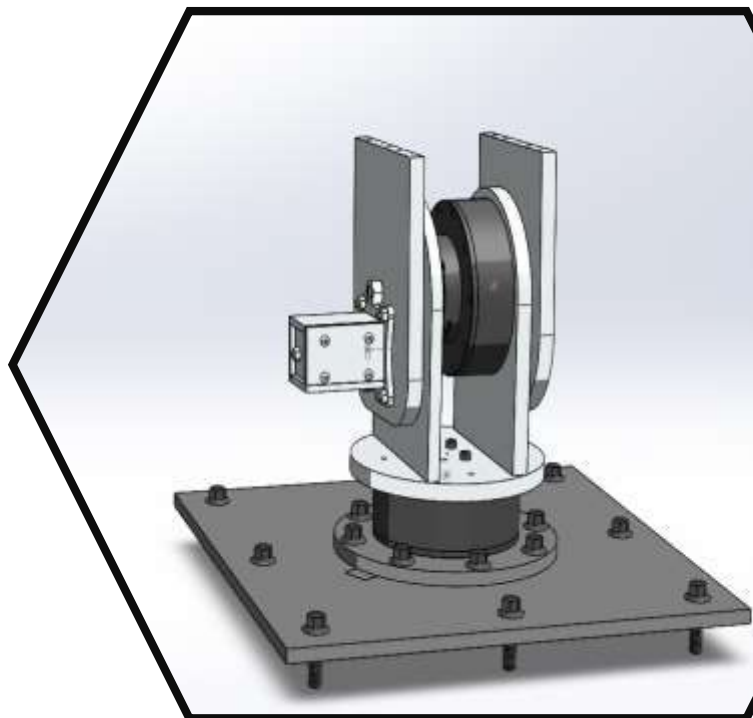
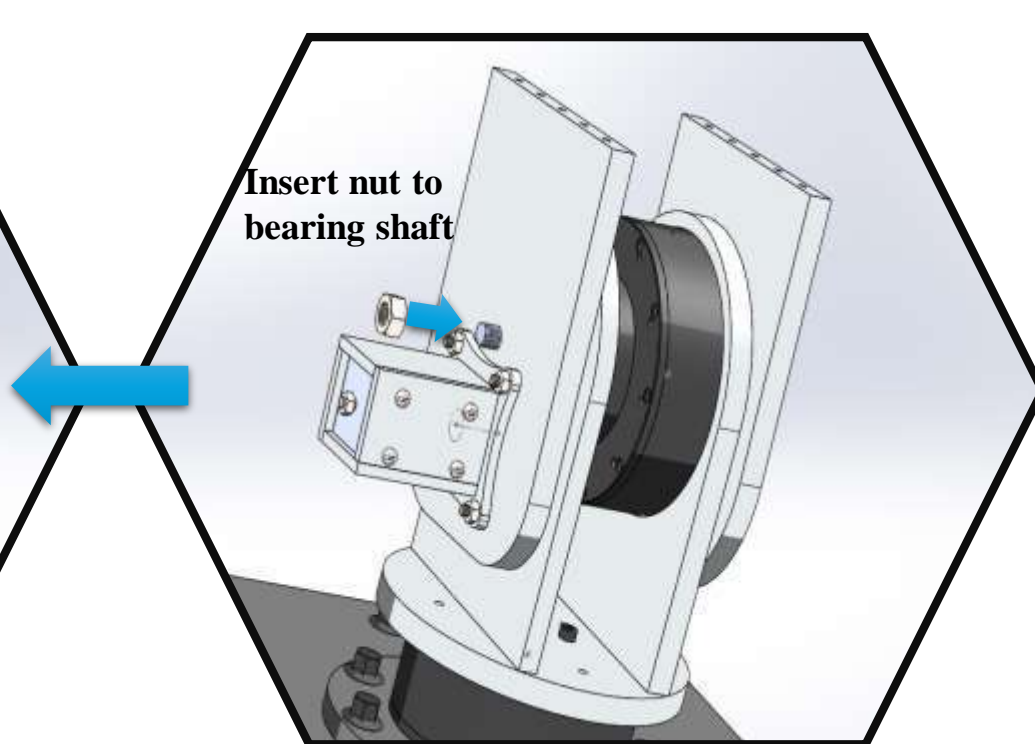
**Insert nut to  
Solenoid Plunger**



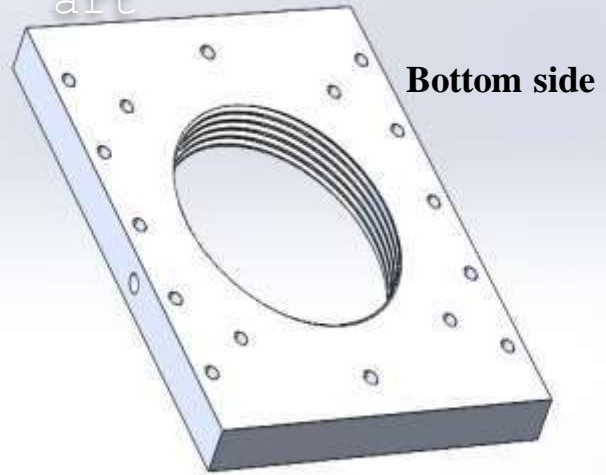
**Link with bearing shaft**



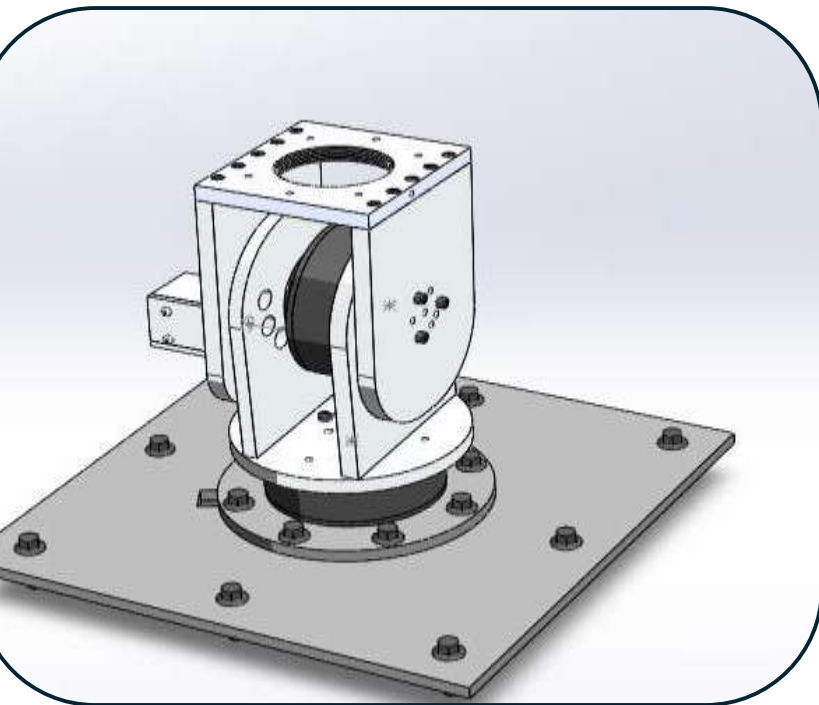
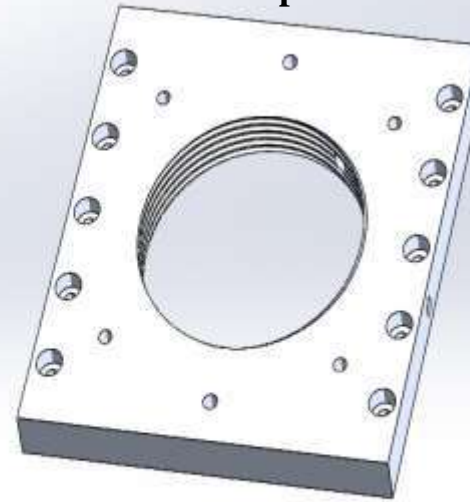
**Insert nut to  
bearing shaft**



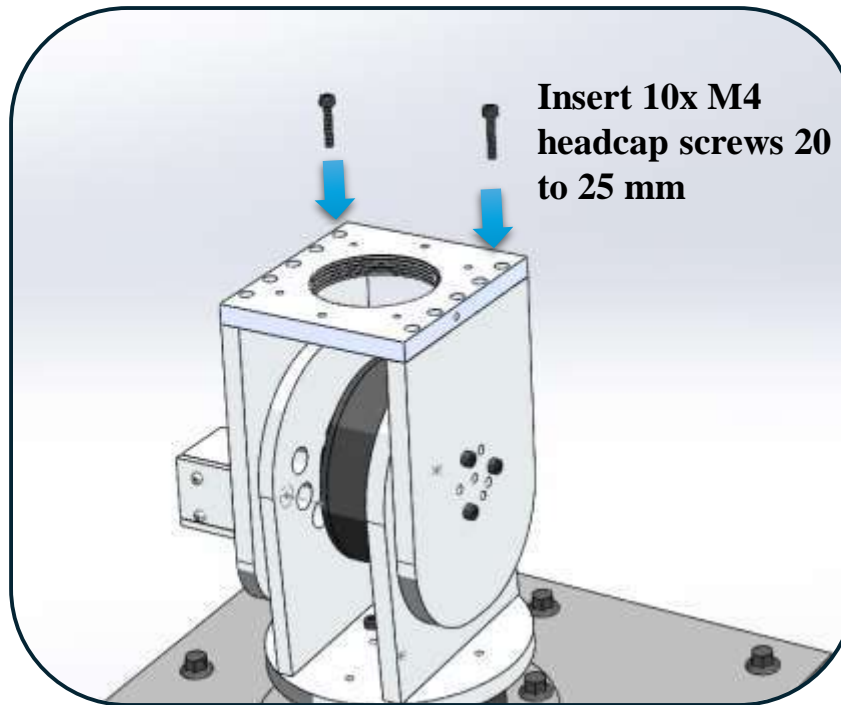
Link2\_PipeBaseP  
art



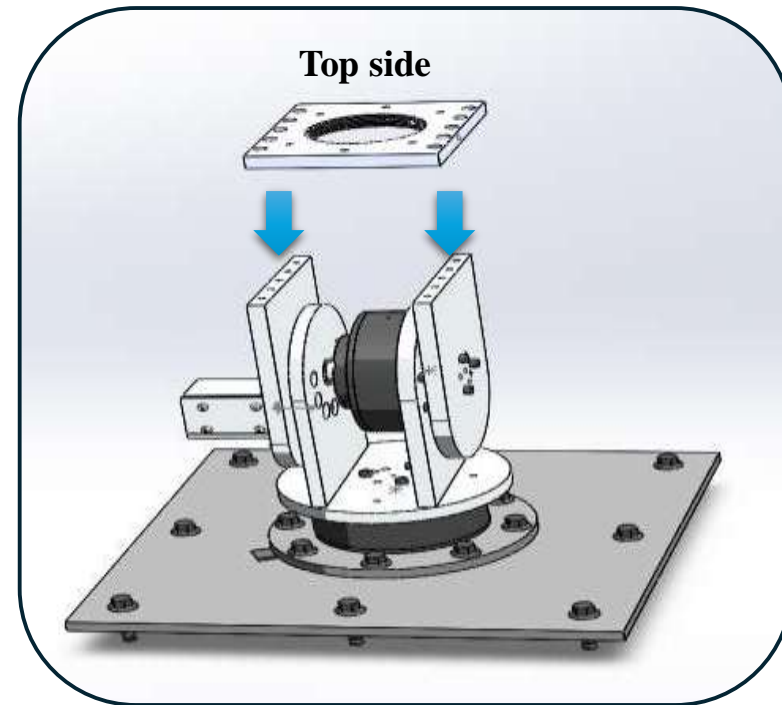
**Top side**

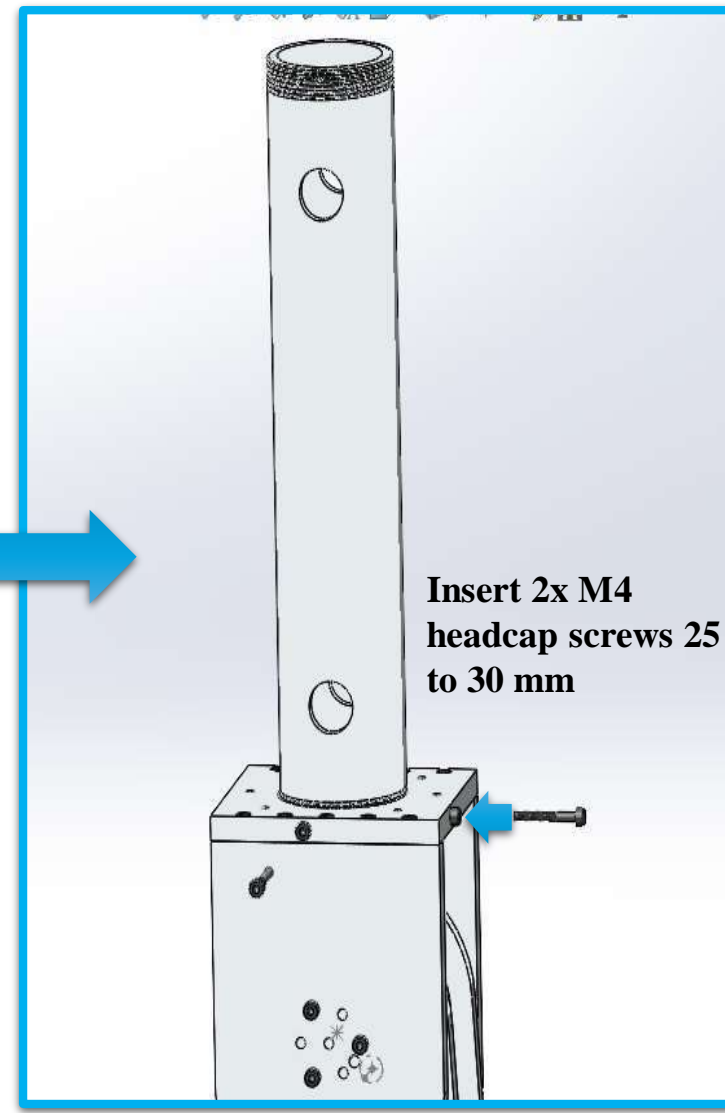
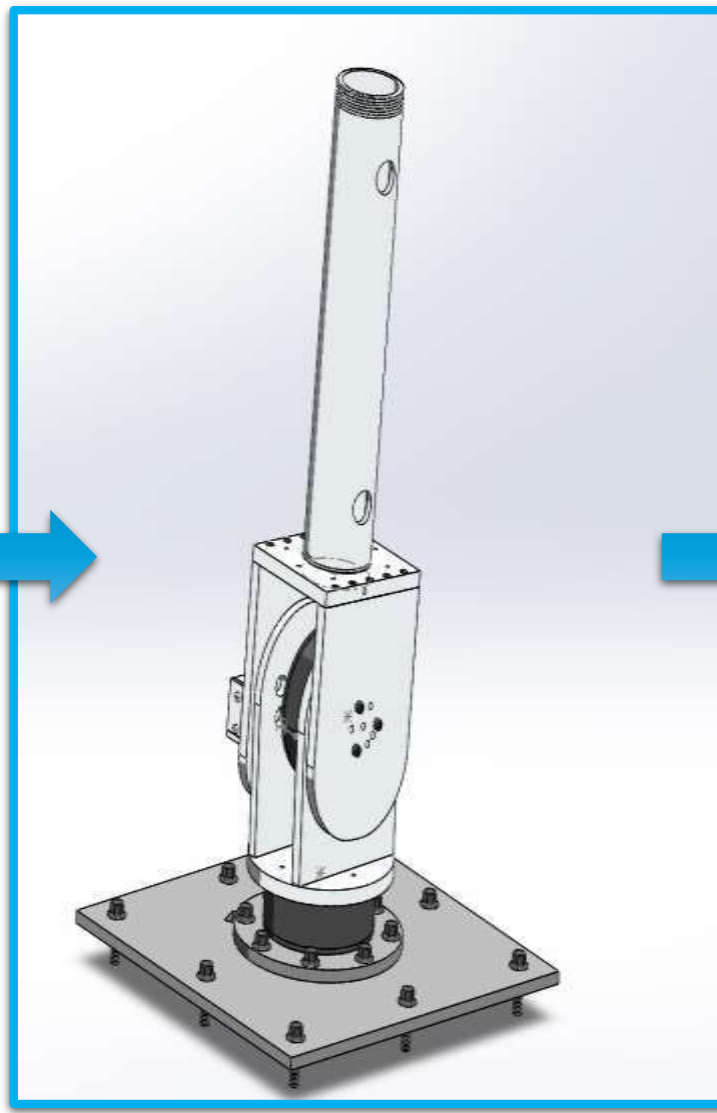
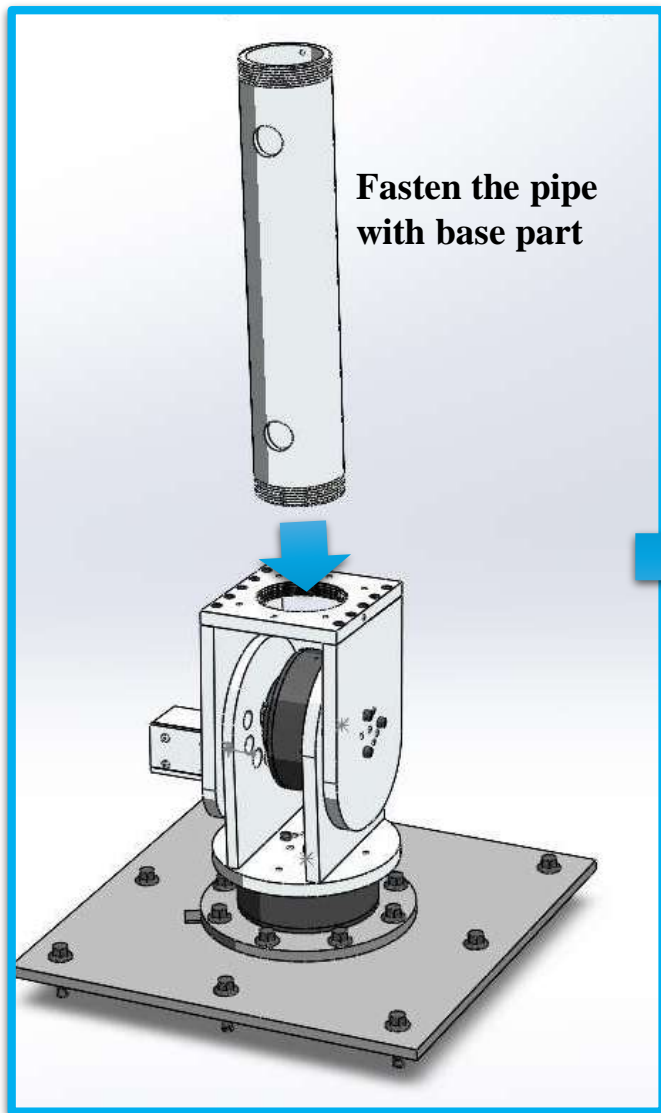


**Insert 10x M4  
headcap screws 20  
to 25 mm**



**Top side**

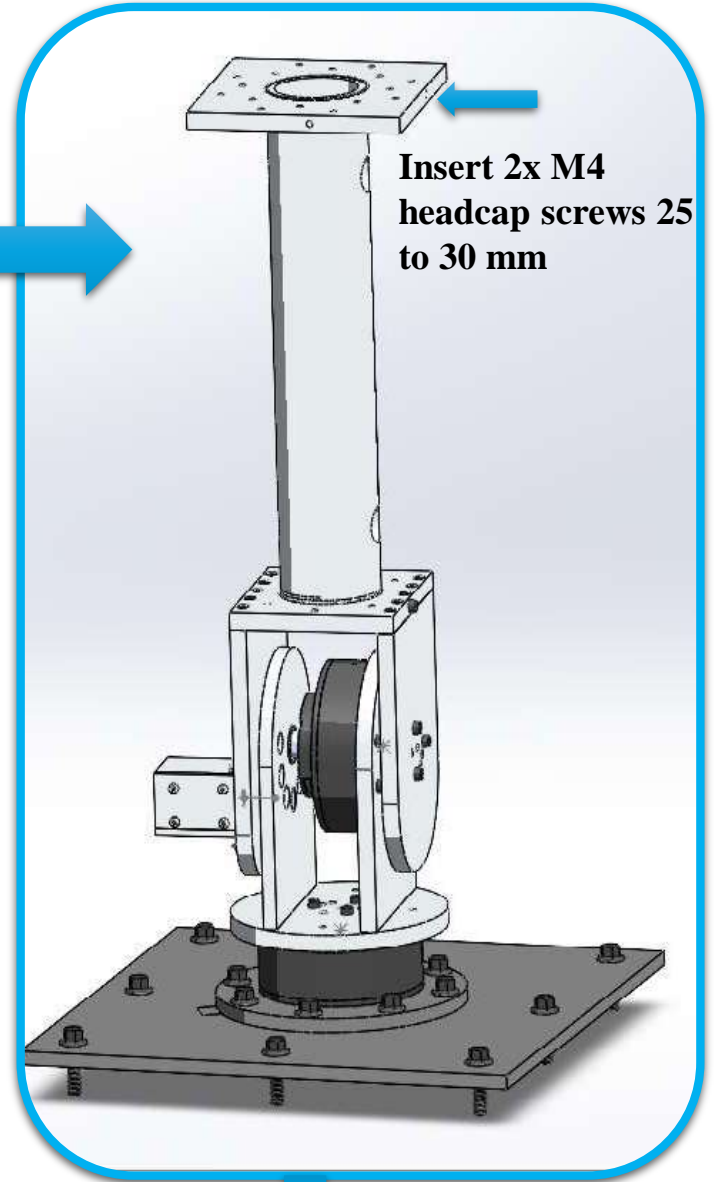
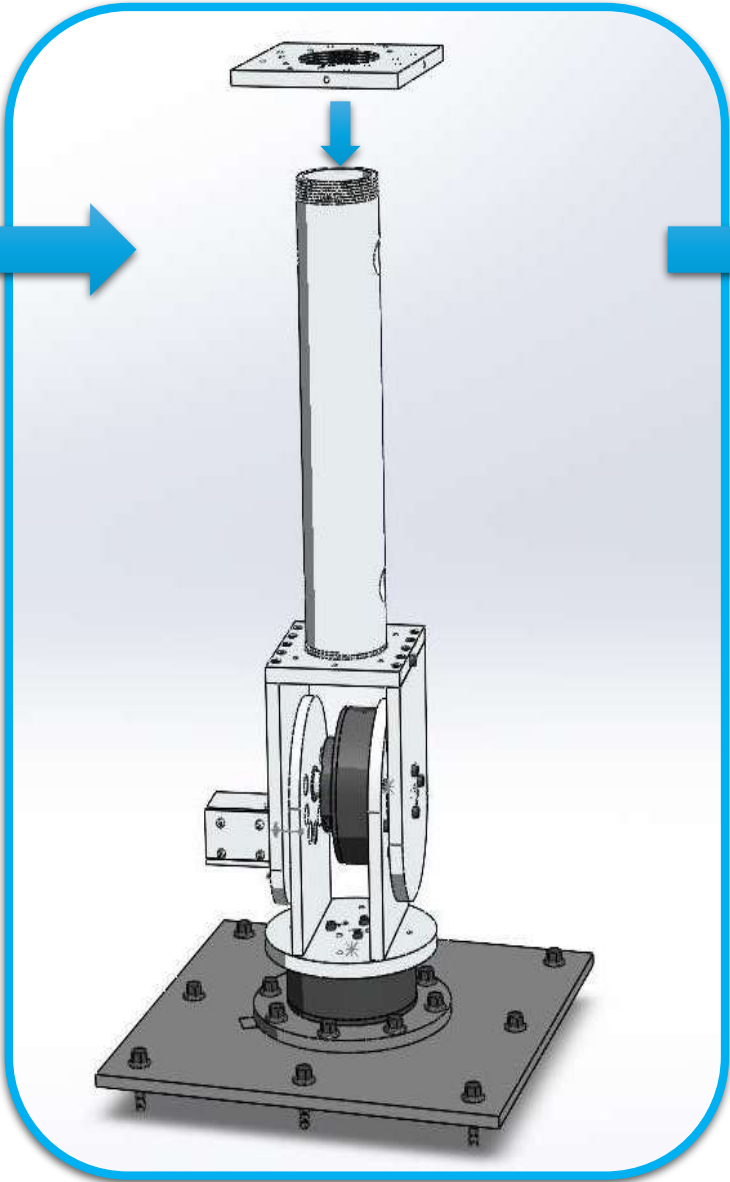
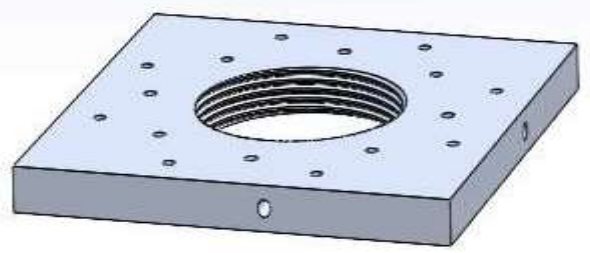




Link2\_PipeUpperP

part

130 mm x 130 mm



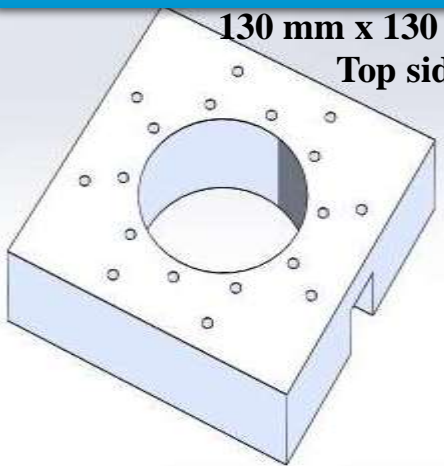
Insert 2x M4  
headcap screws 25  
to 30 mm



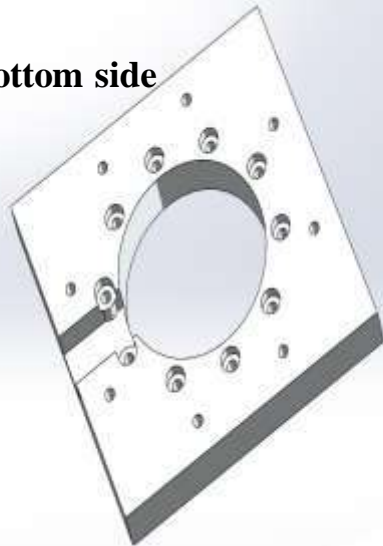


## Link3\_MotorPart

130 mm x 130 mm  
Top side



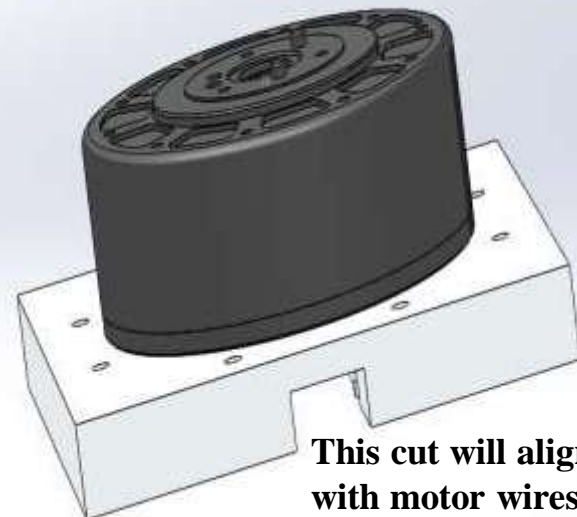
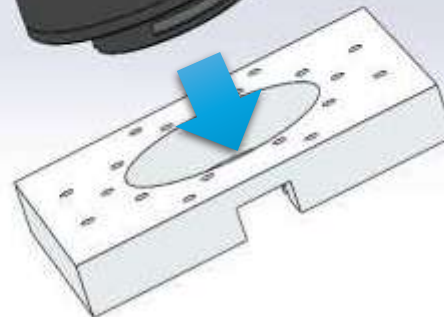
Bottom side



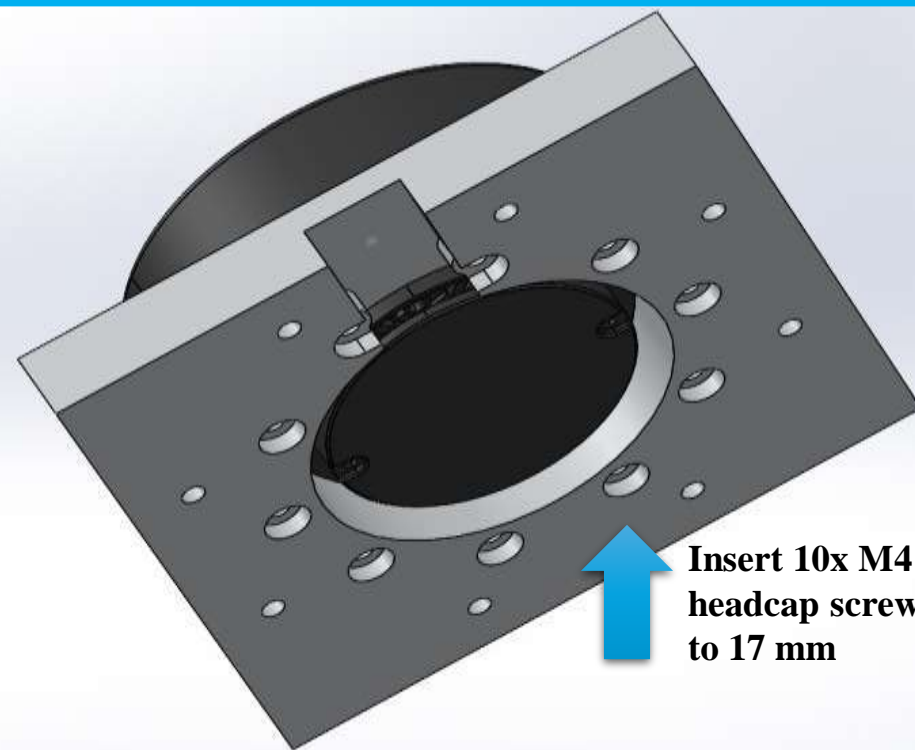
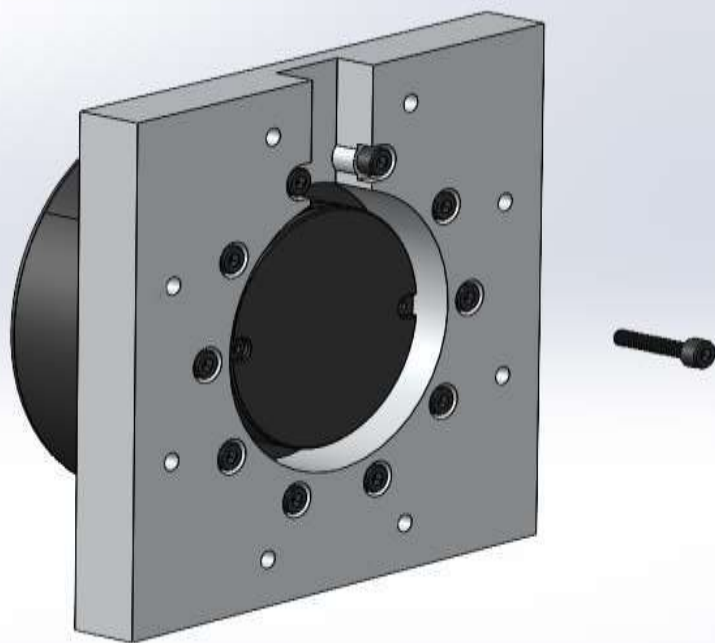
## Insert RMDx8 motor



Top side

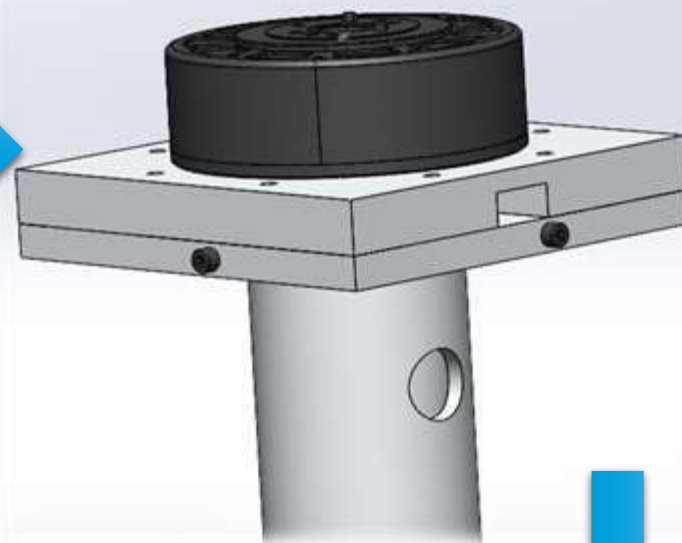
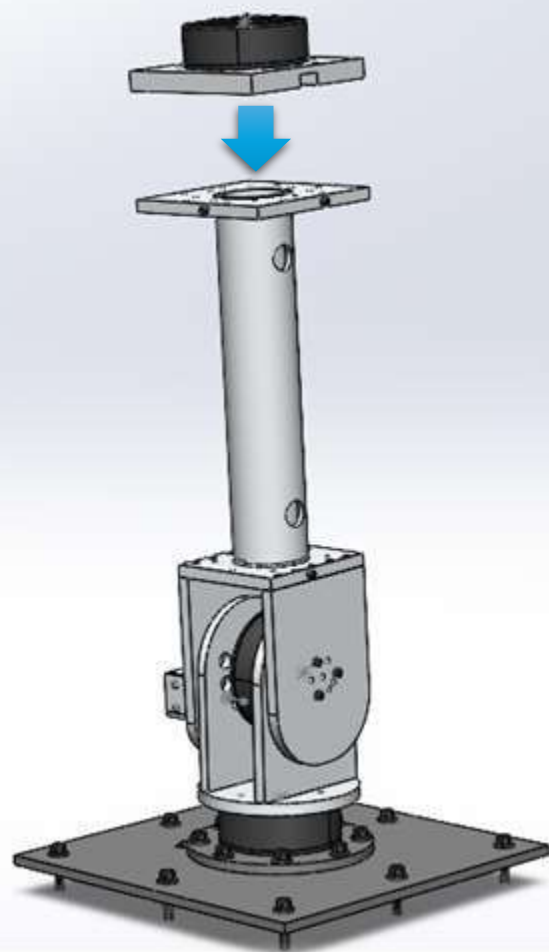


This cut will align  
with motor wires

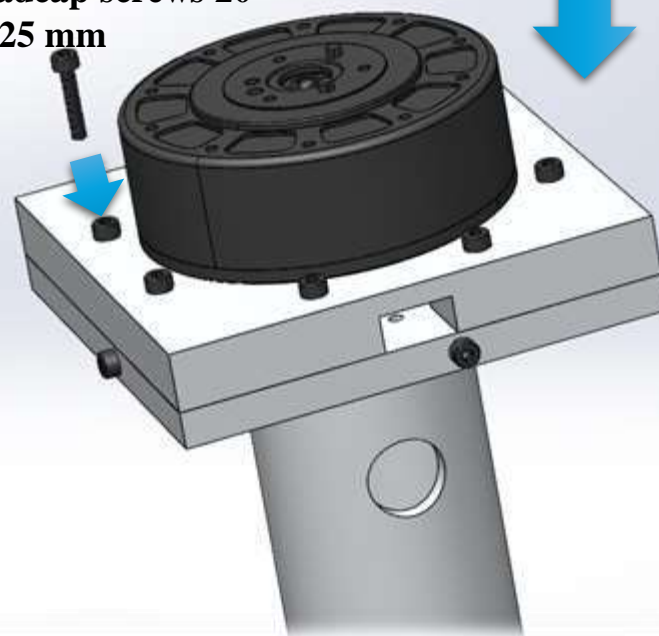


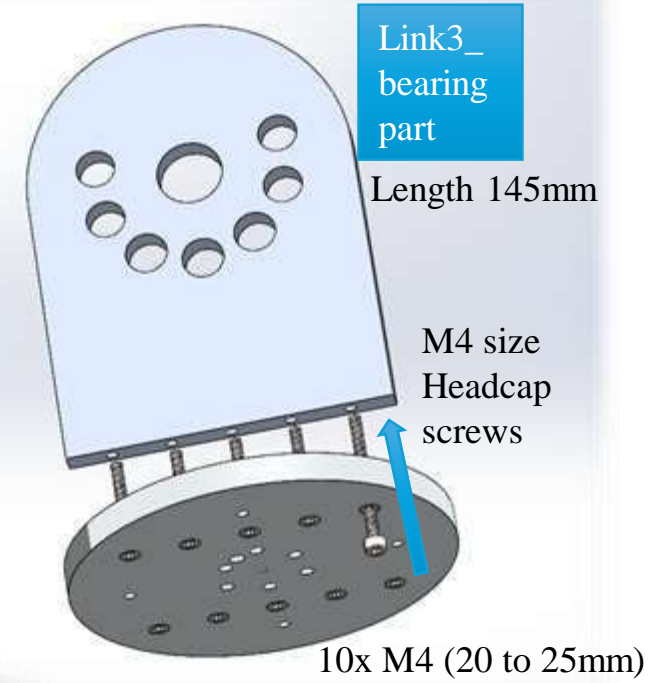
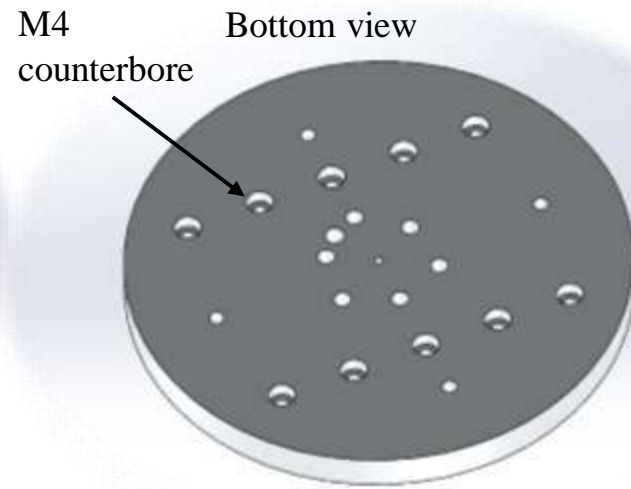
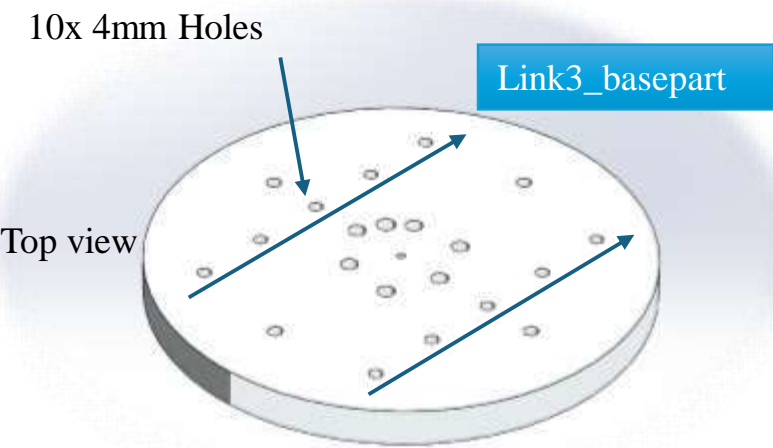
Insert 10x M4  
headcap screws 15  
to 17 mm



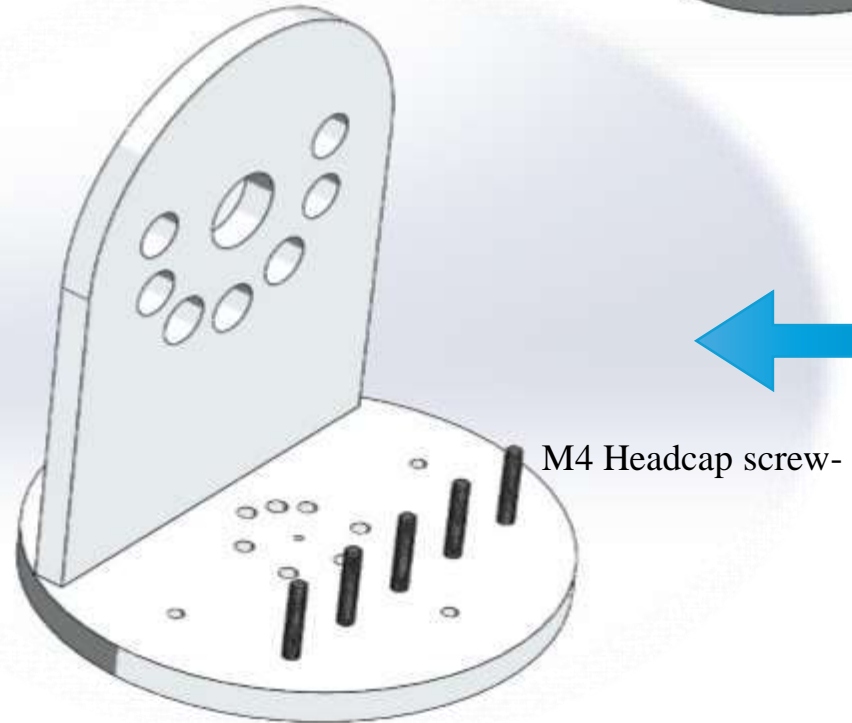
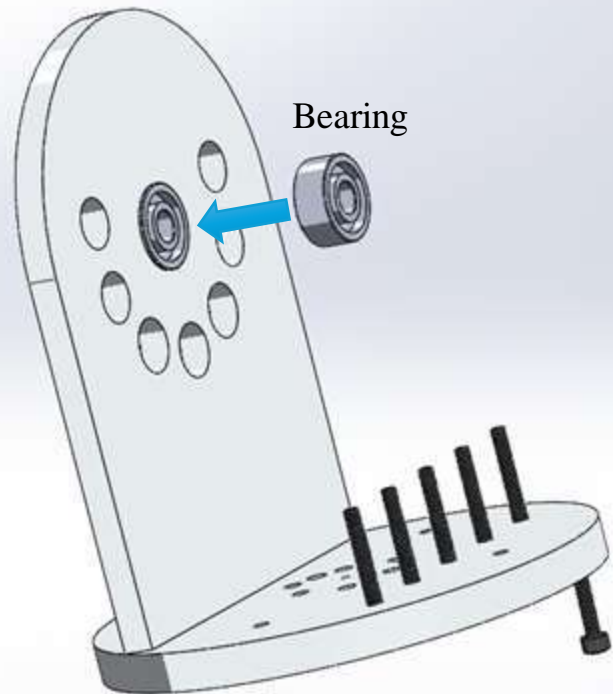


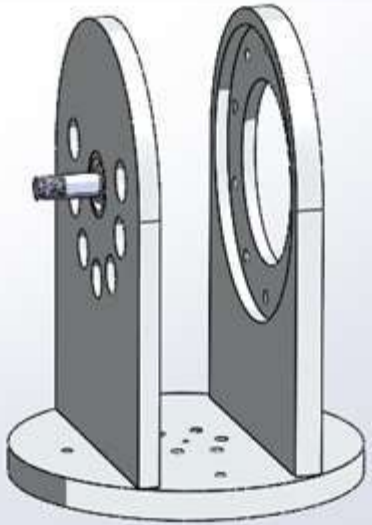
**Insert 8x M4  
headcap screws 20  
to 25 mm**



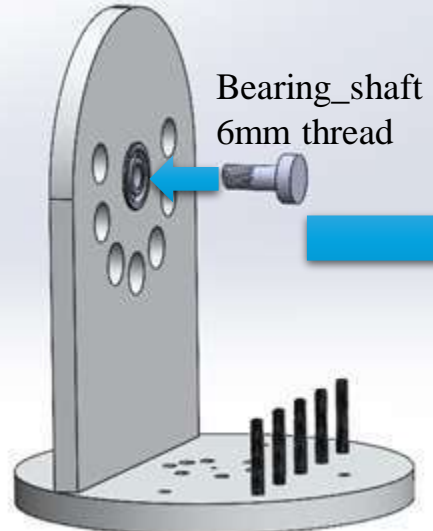
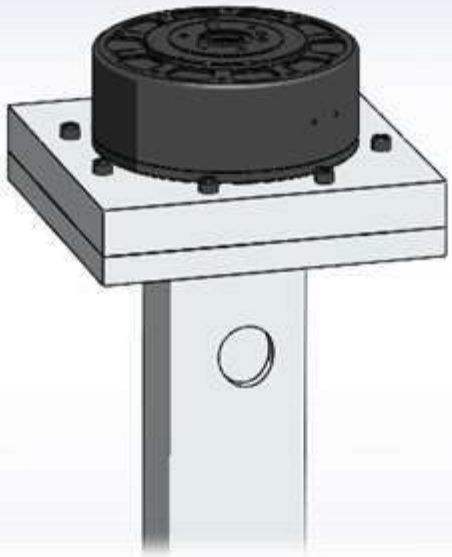


Steps are same as for Link1

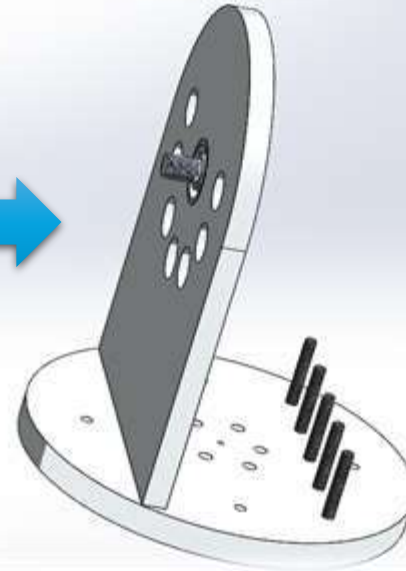




Join with the  
link3 motor

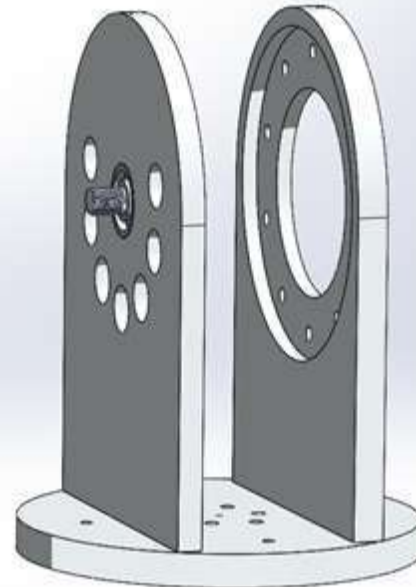
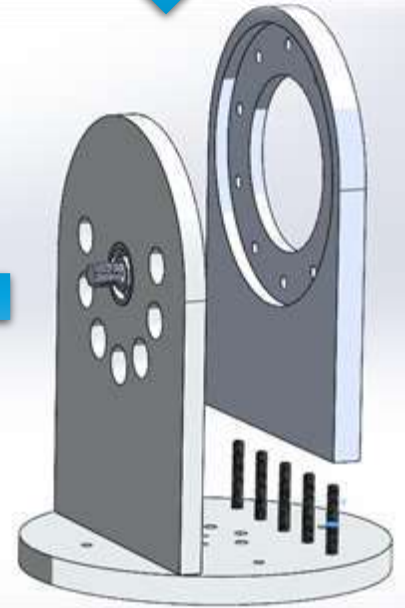
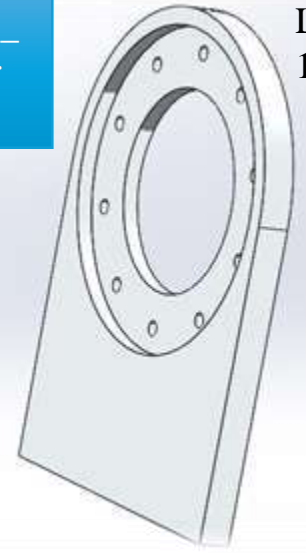


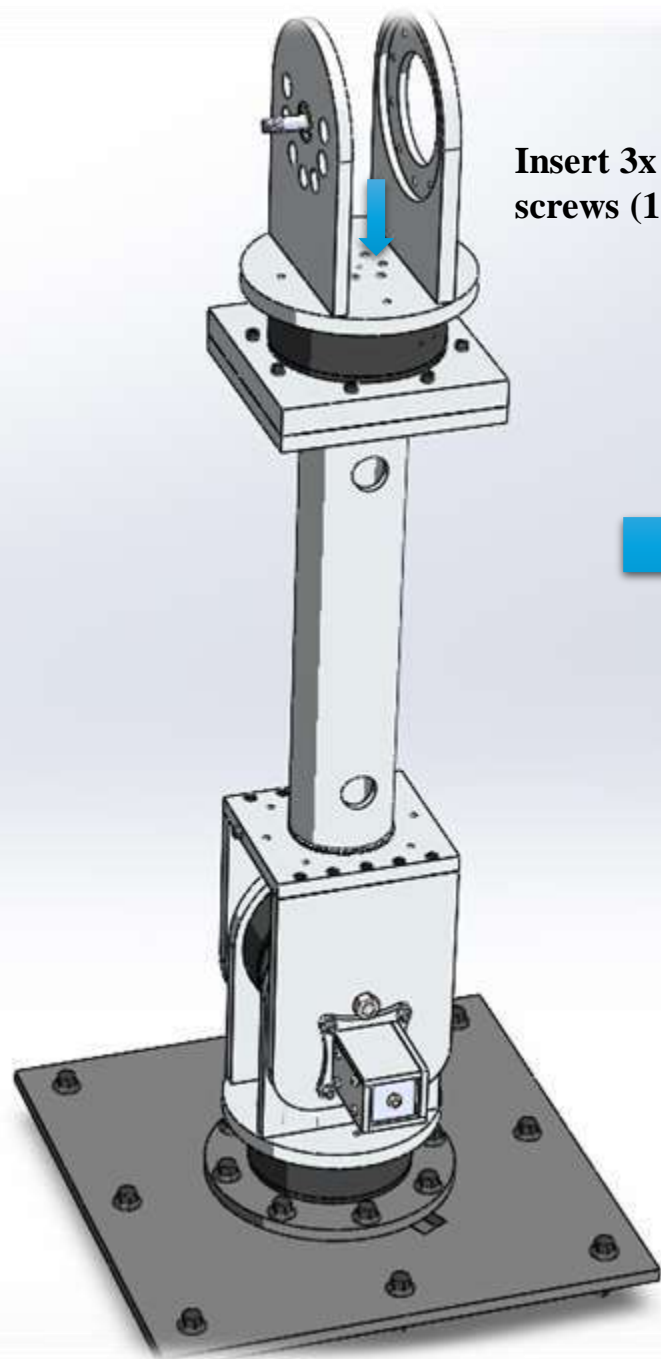
10x M4 (20 or 25 mm)



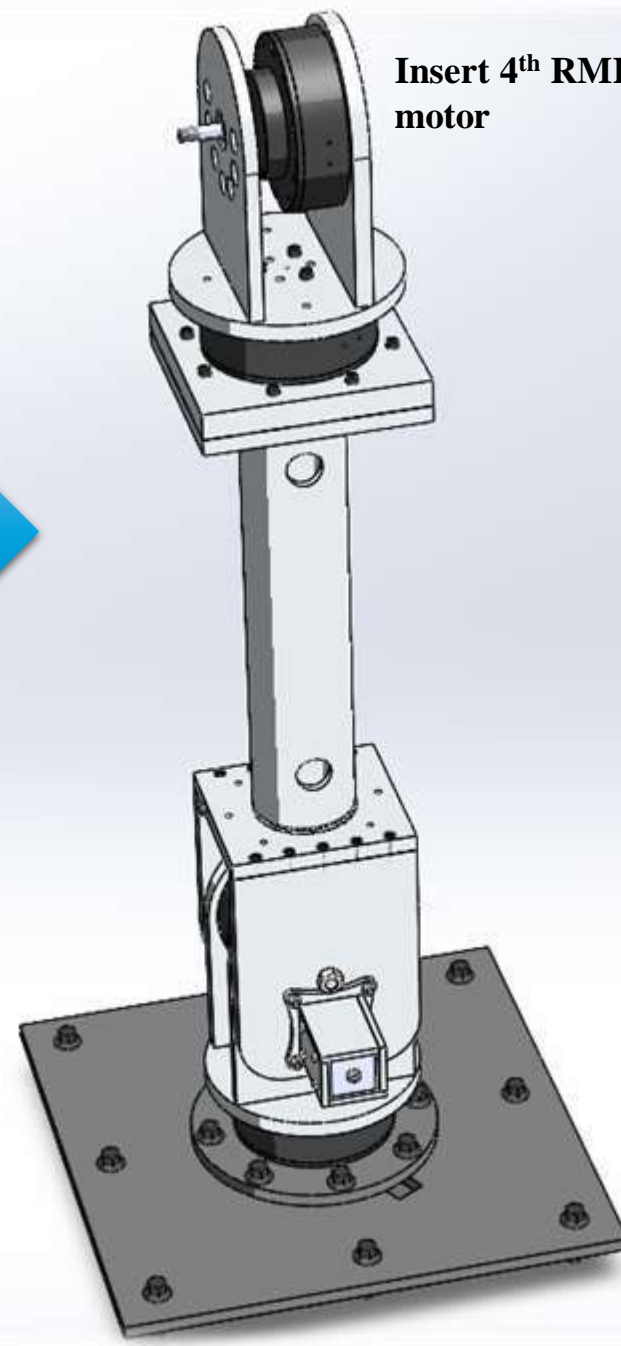
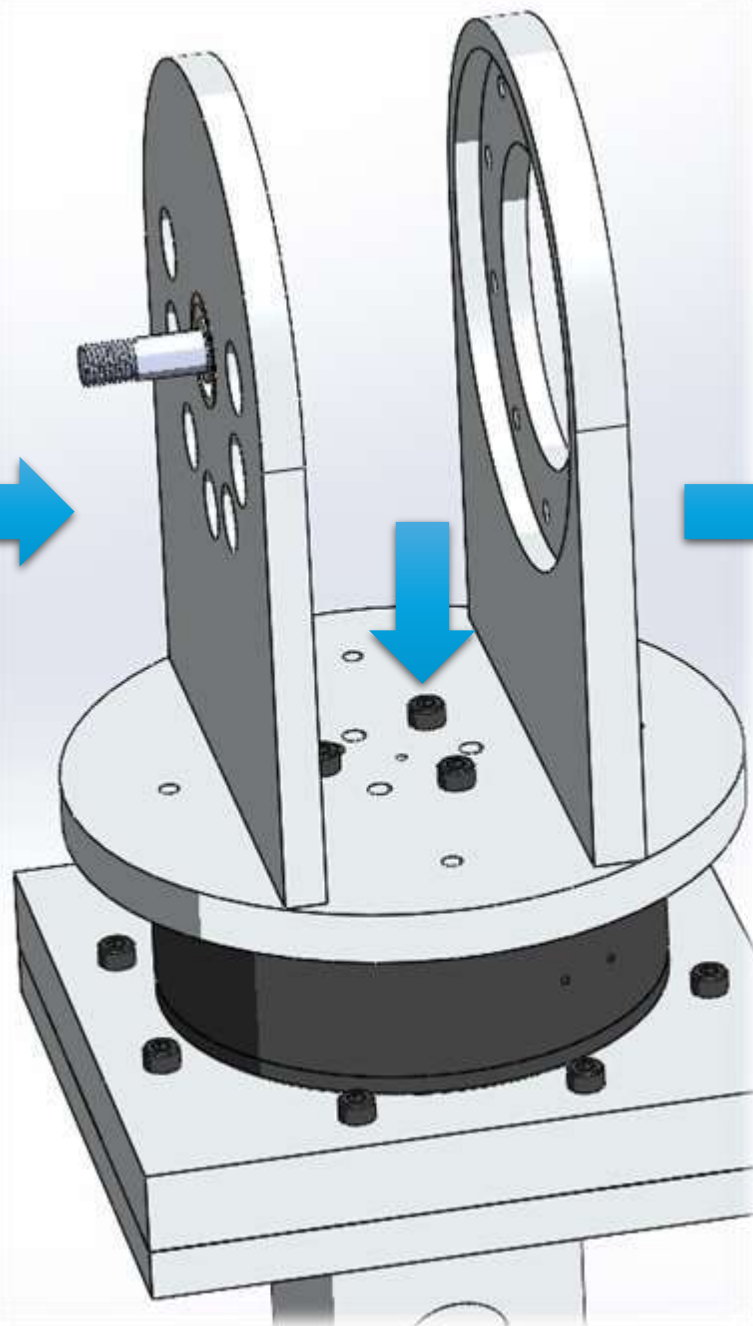
Link3\_  
motor  
part

Length  
145mm



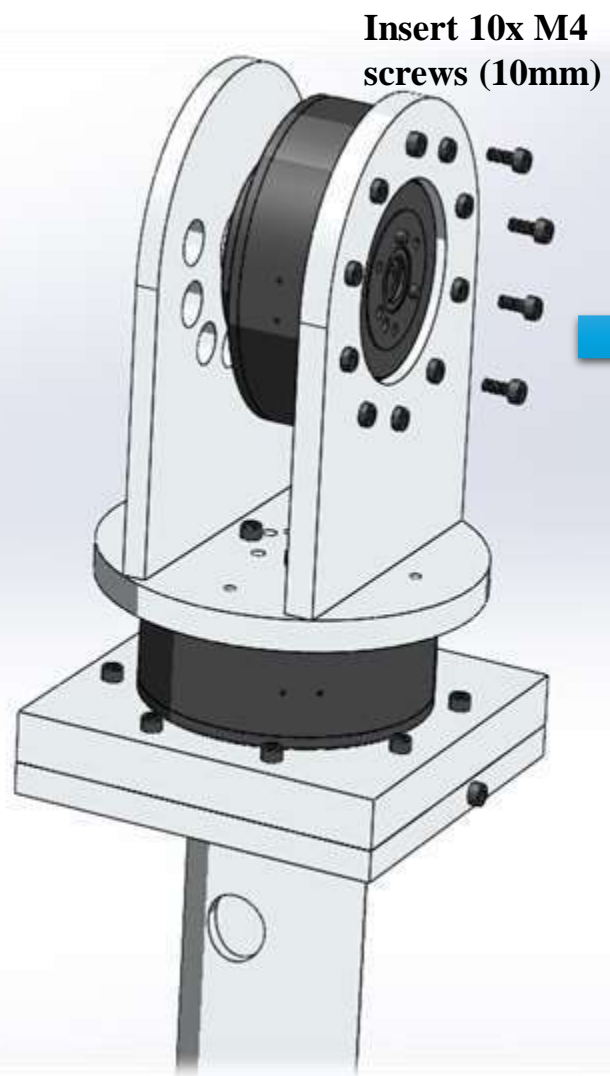


Insert 3x M4 screws (15mm)



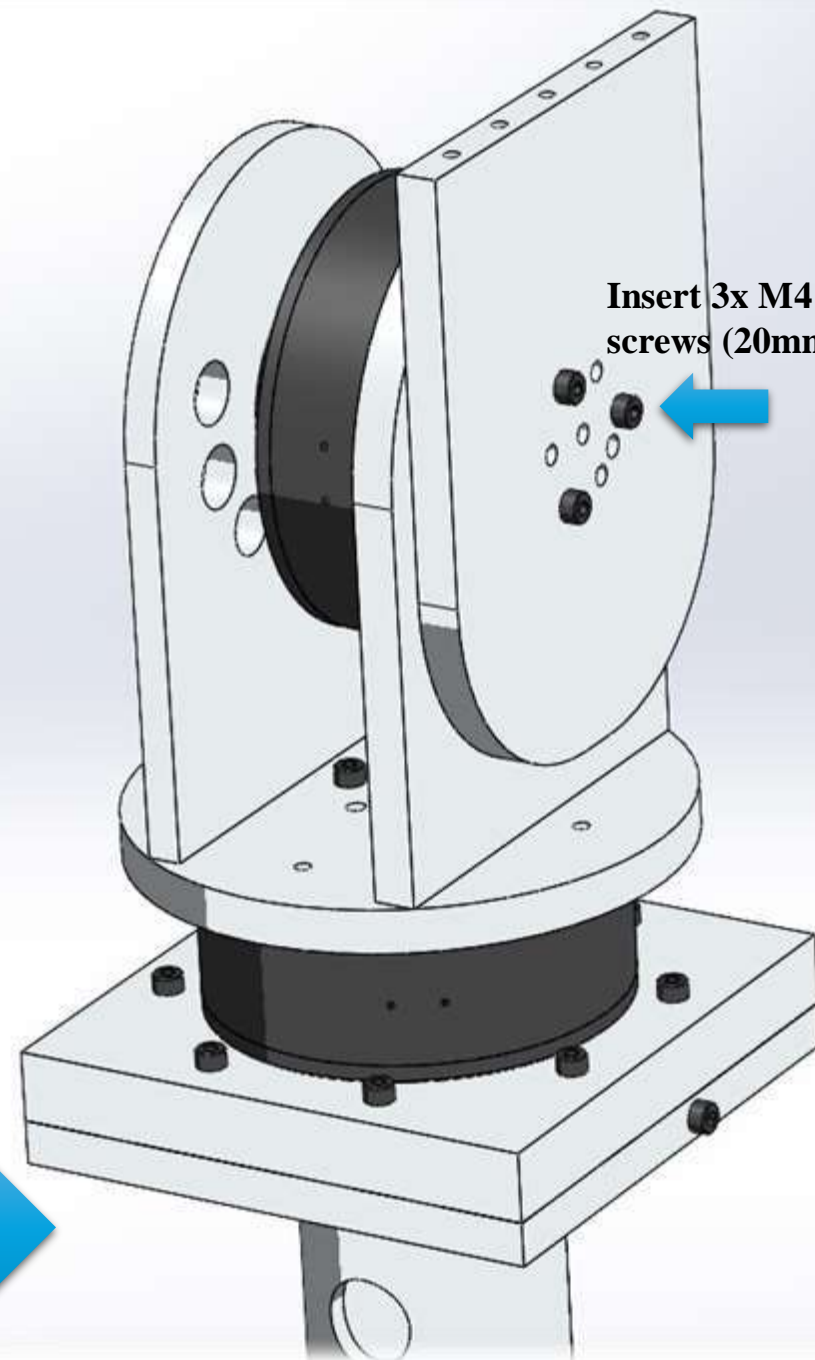
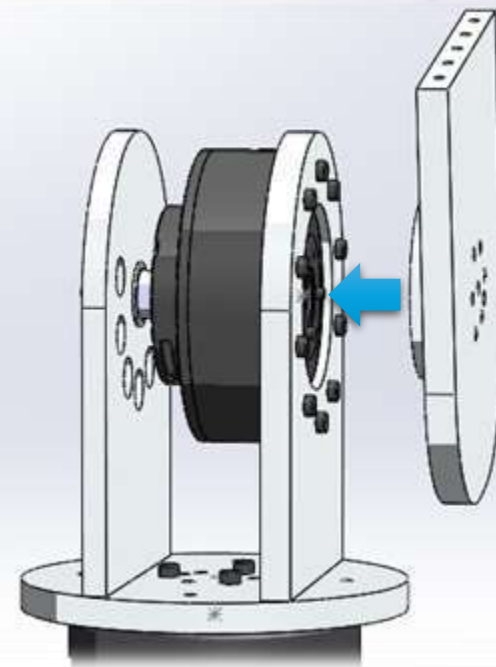
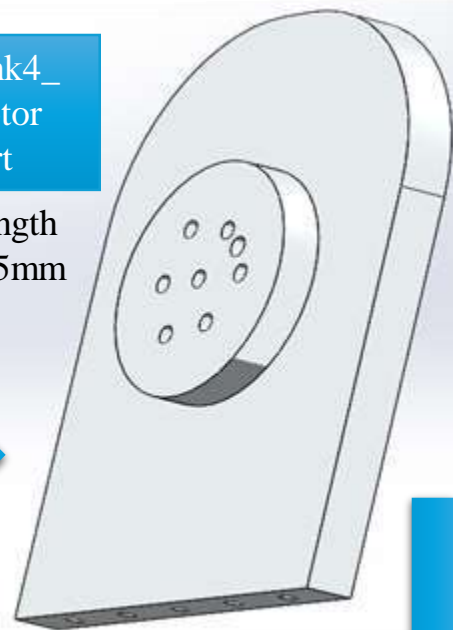
Insert 4<sup>th</sup> RMDx8 motor





Link4\_  
motor  
part

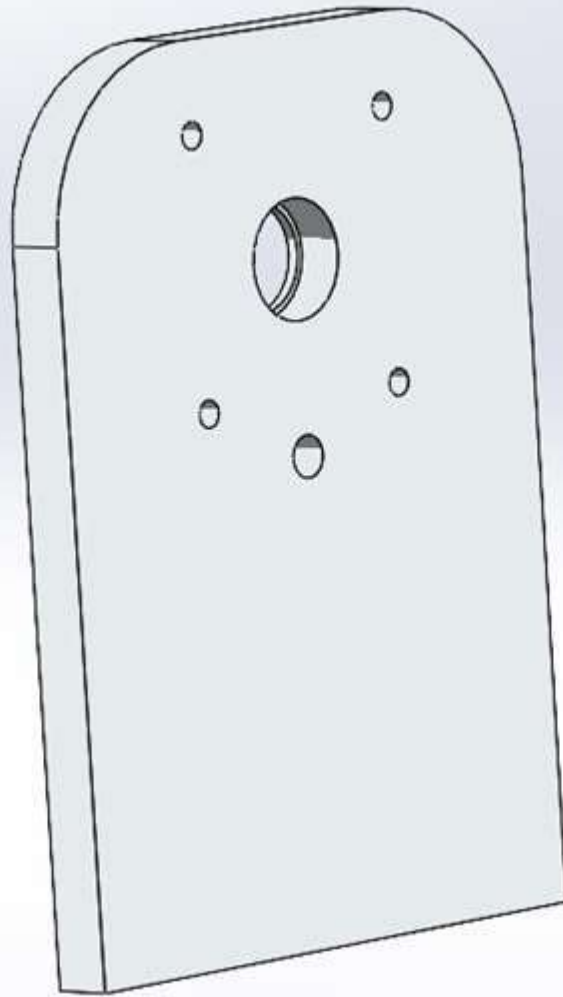
Length  
145mm



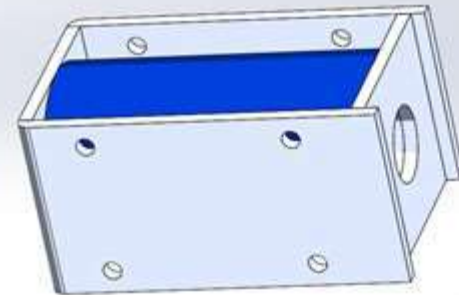
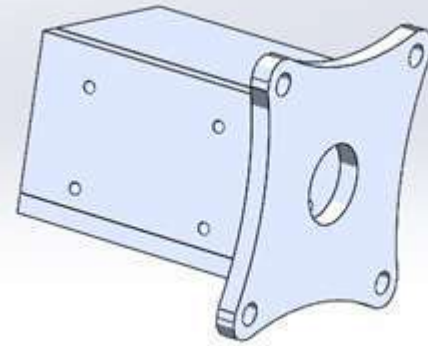


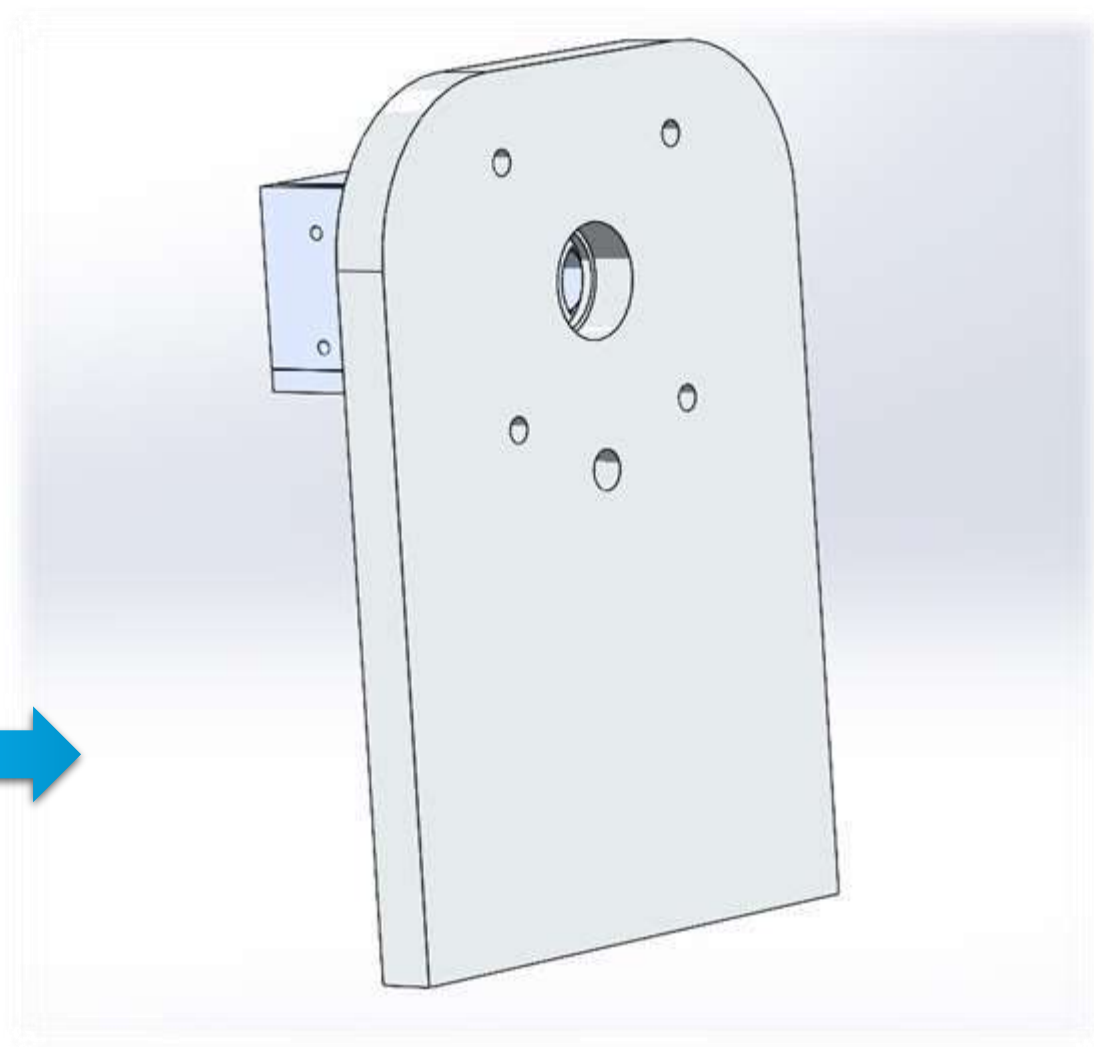
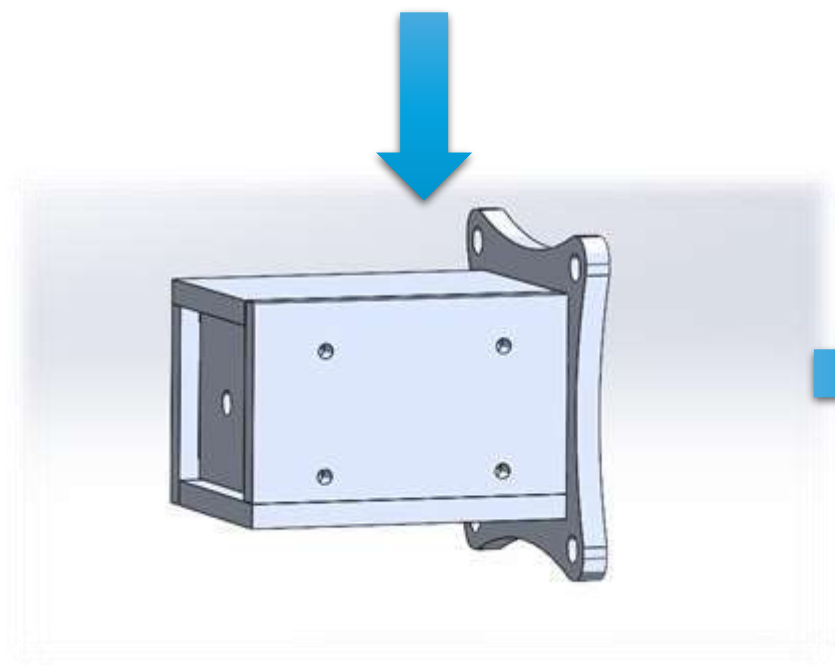
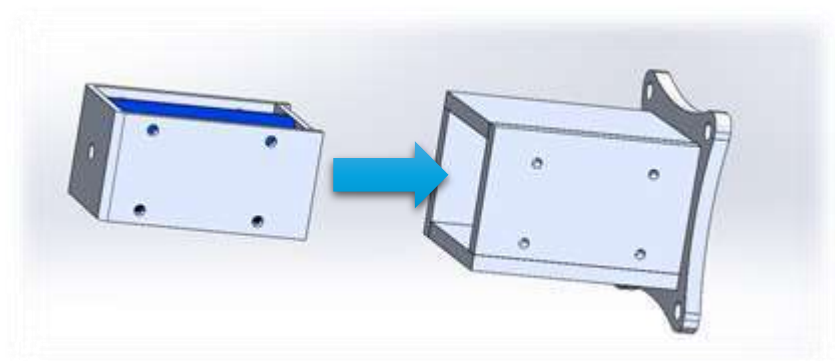
Link4\_  
Lock  
part

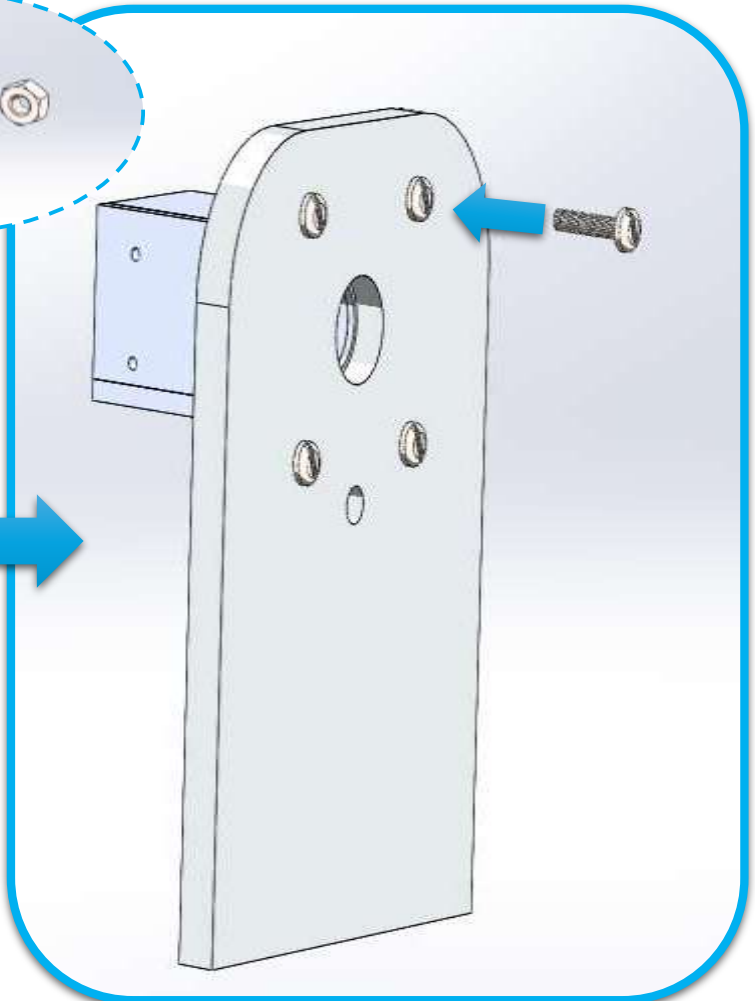
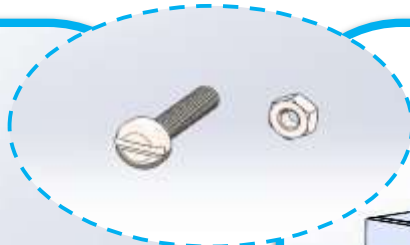
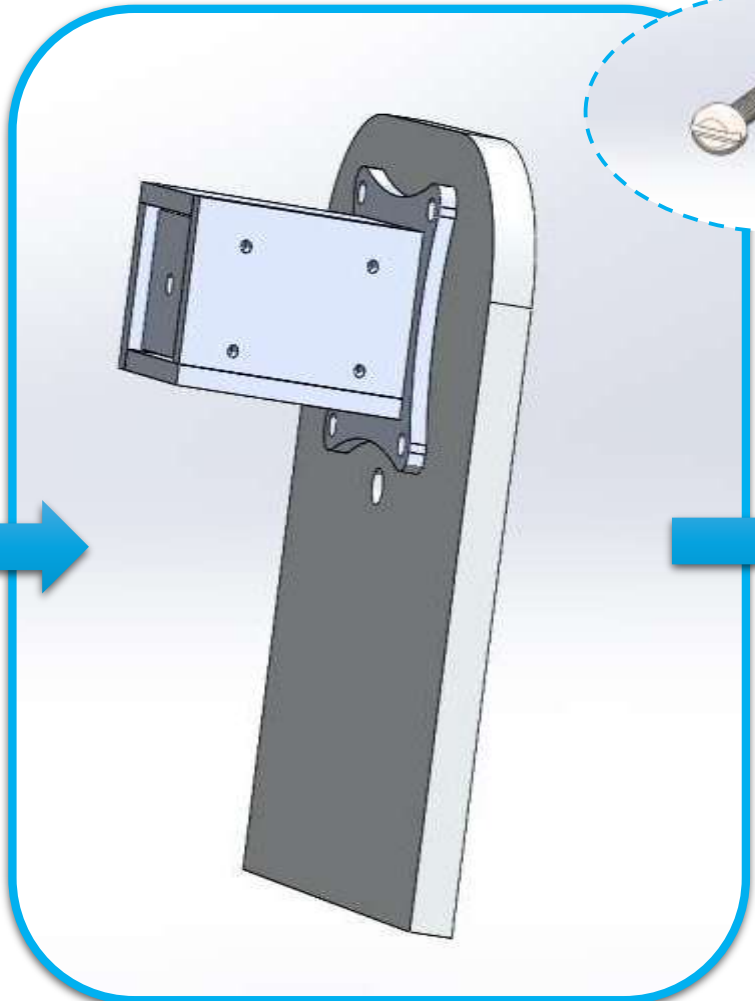
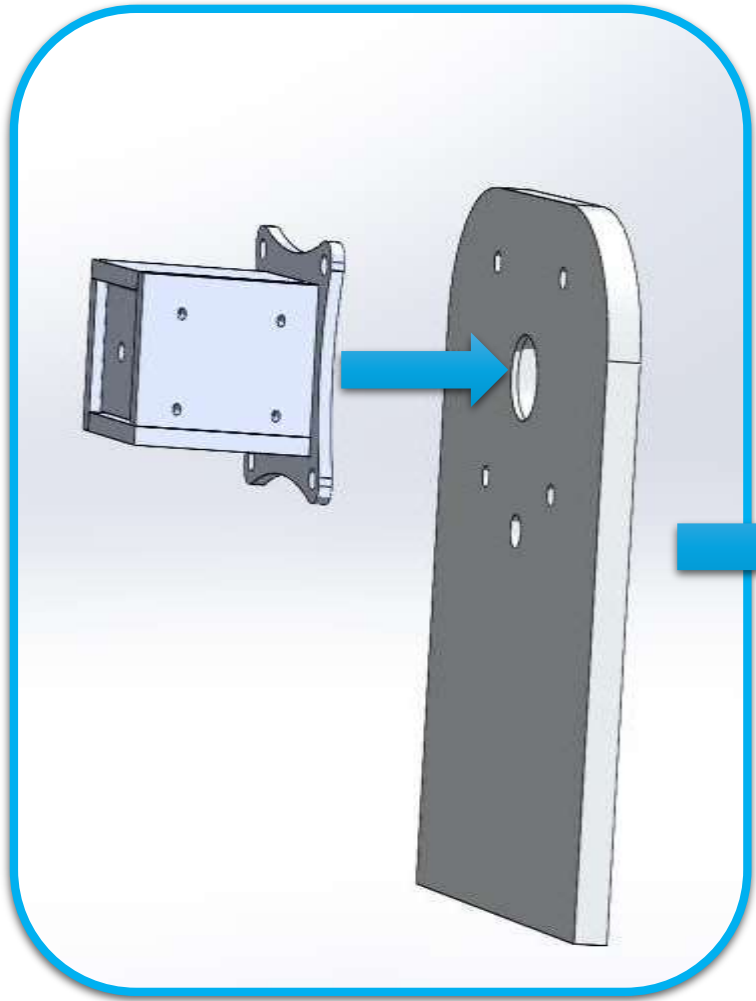
Length  
145mm

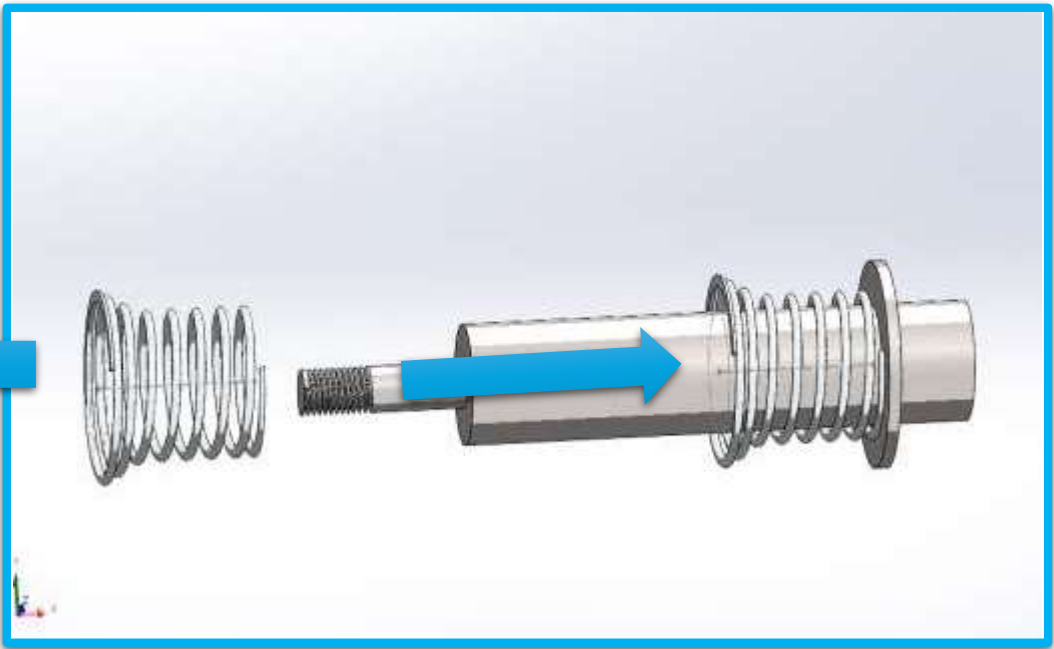
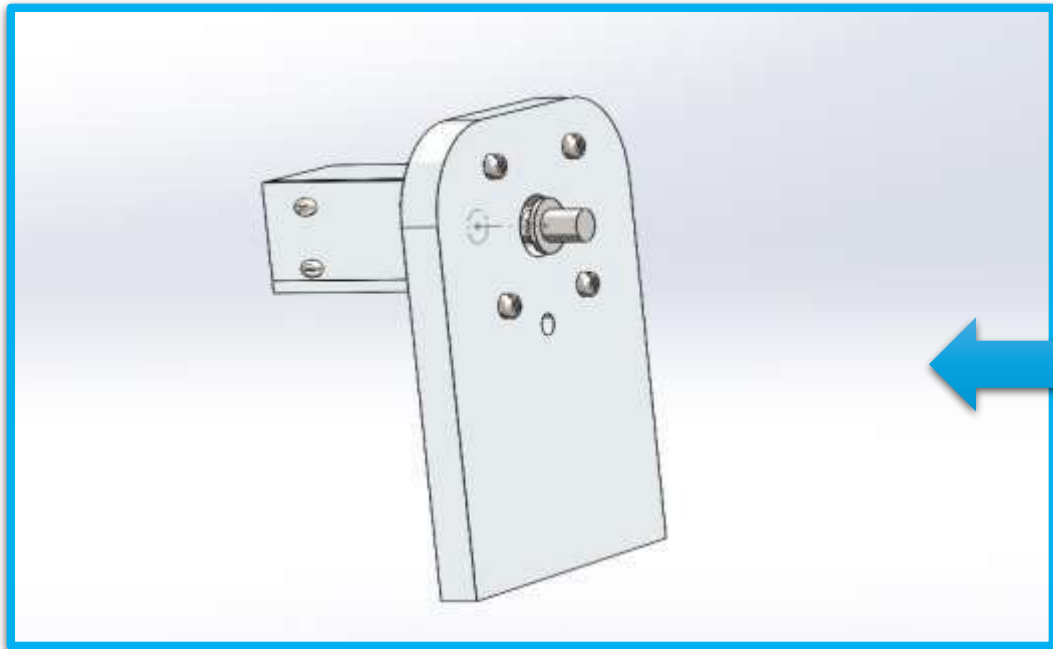
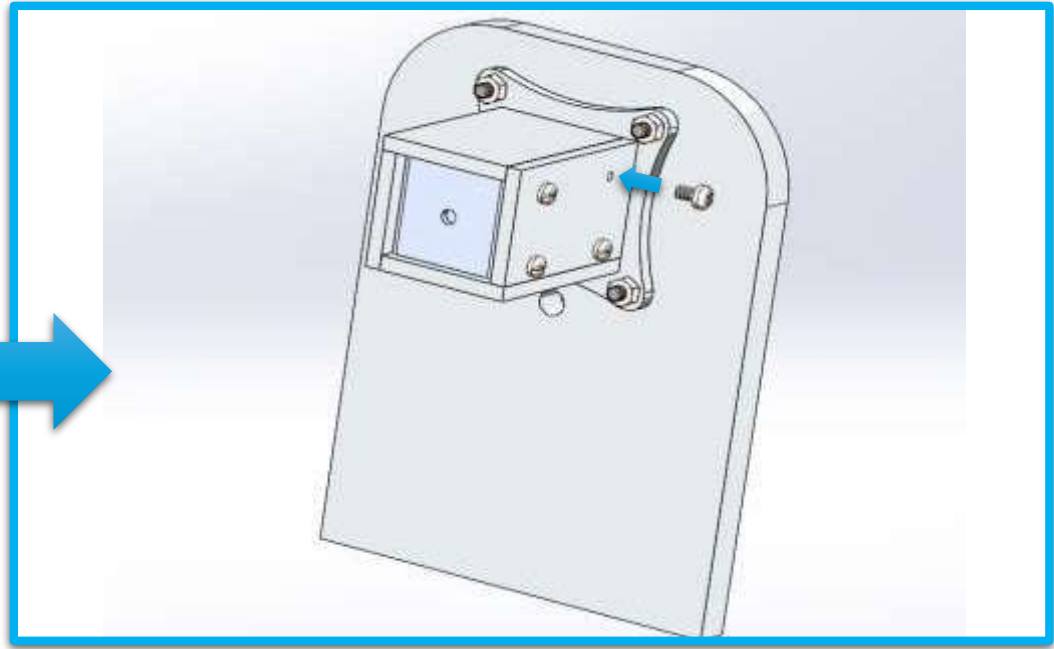
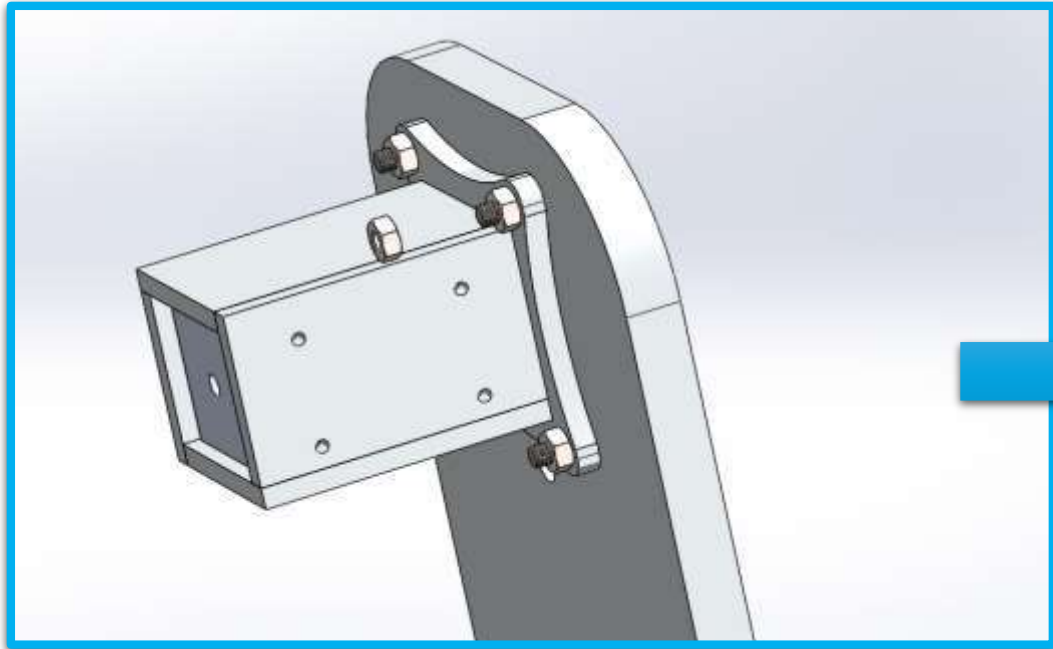


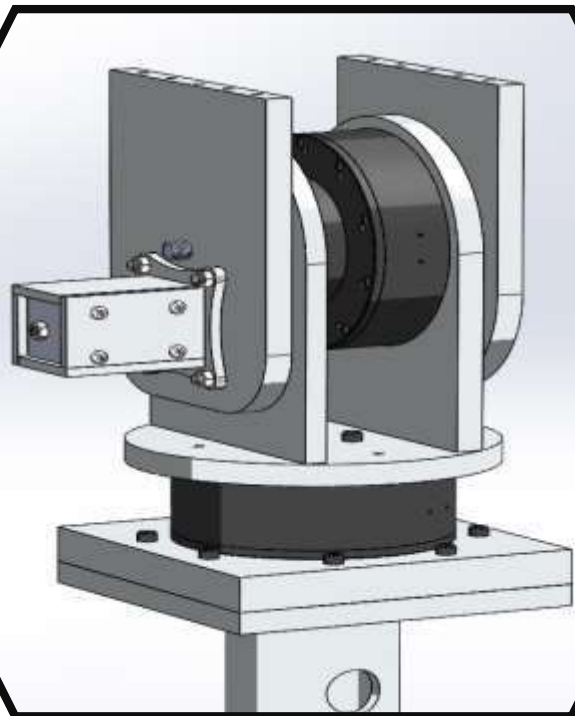
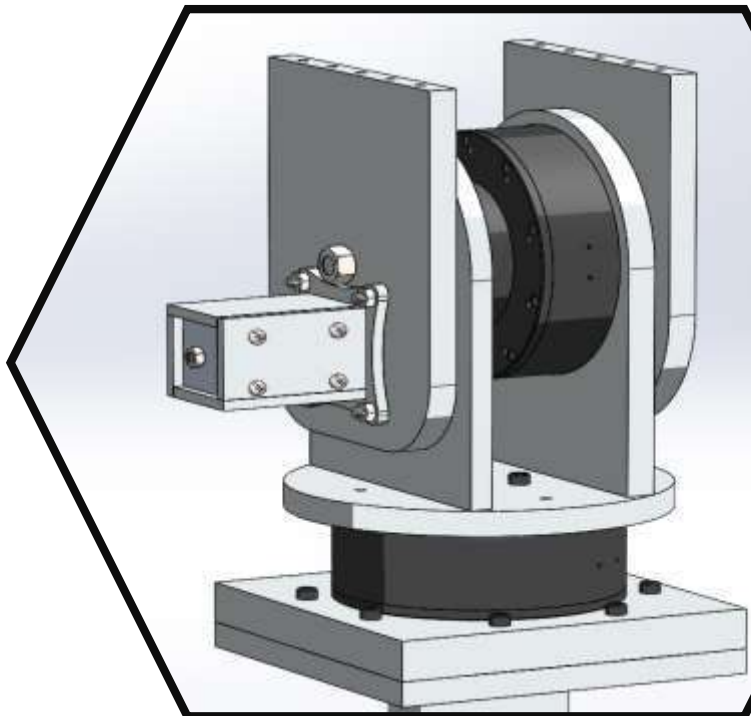
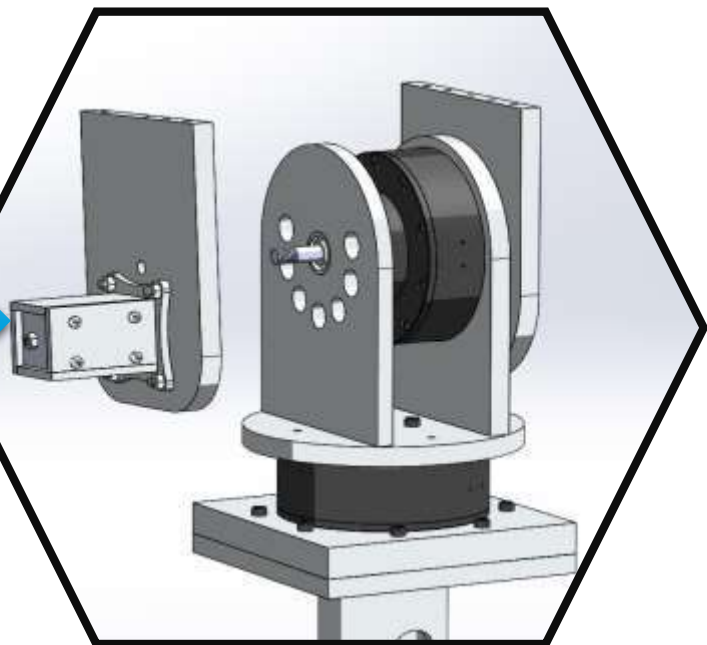
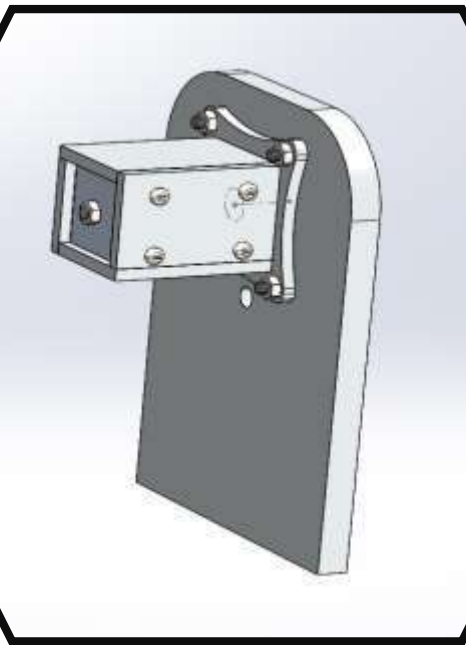
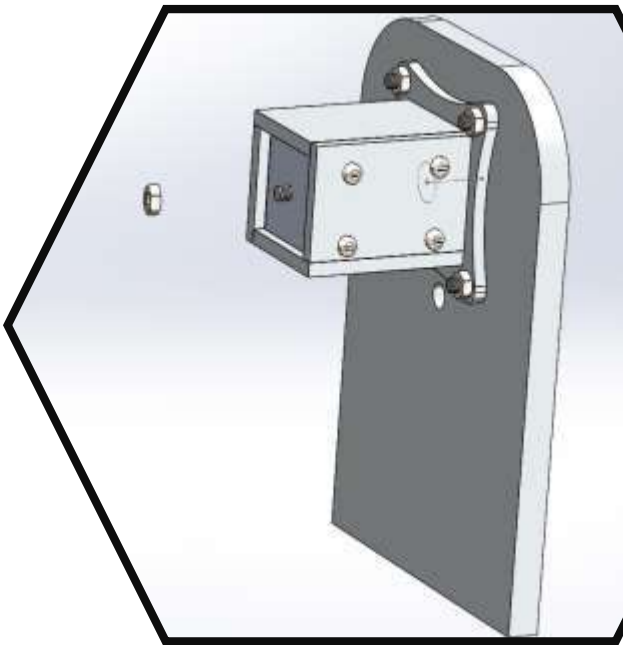
**Follow the  
same steps  
as for link2**





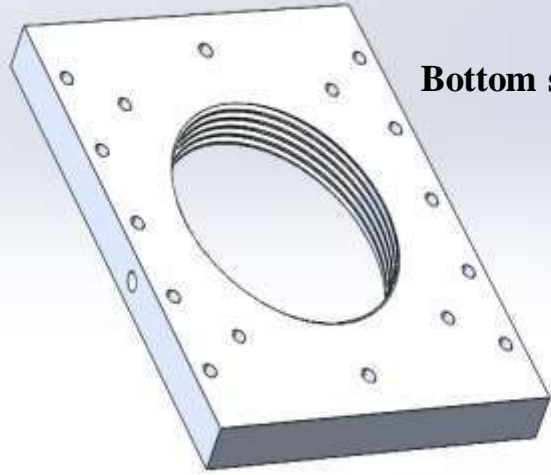






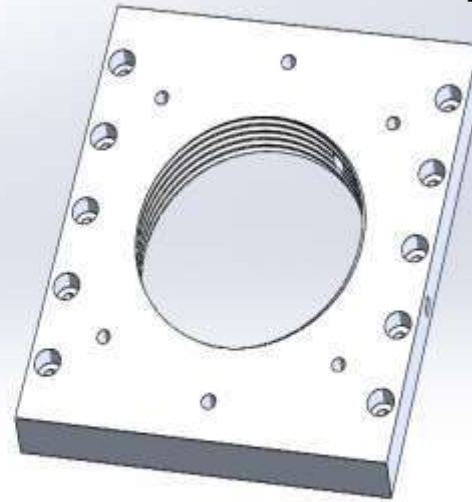


**Link4 Pipe base part**

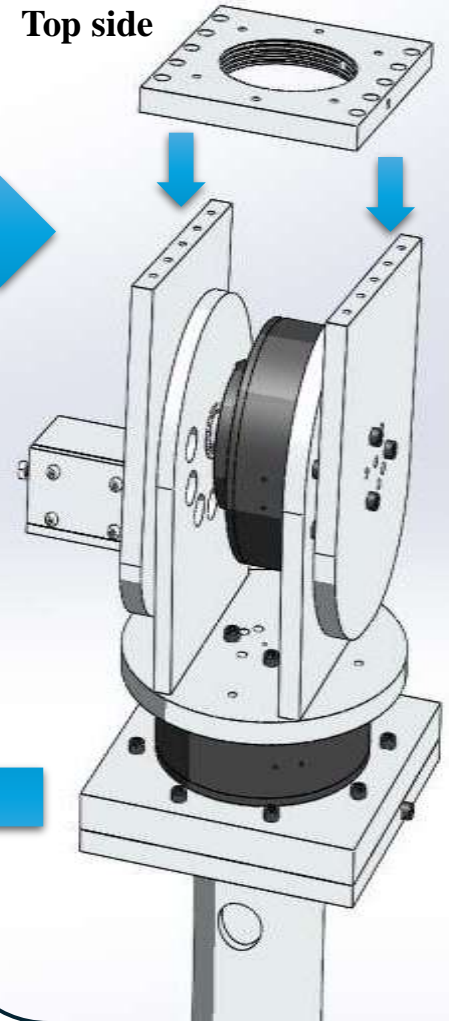


**Bottom side**

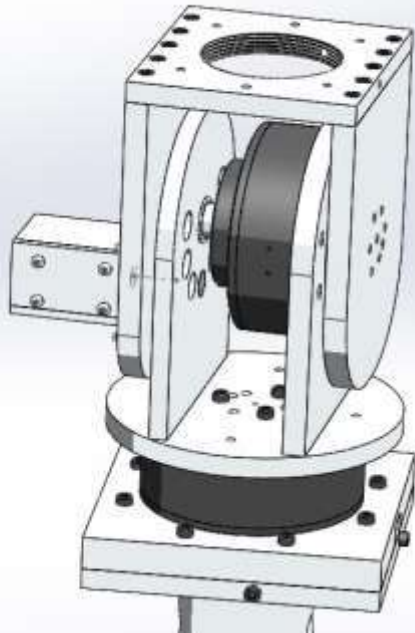
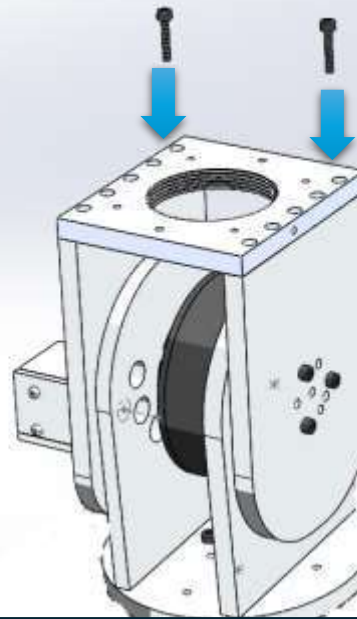
**Top side**

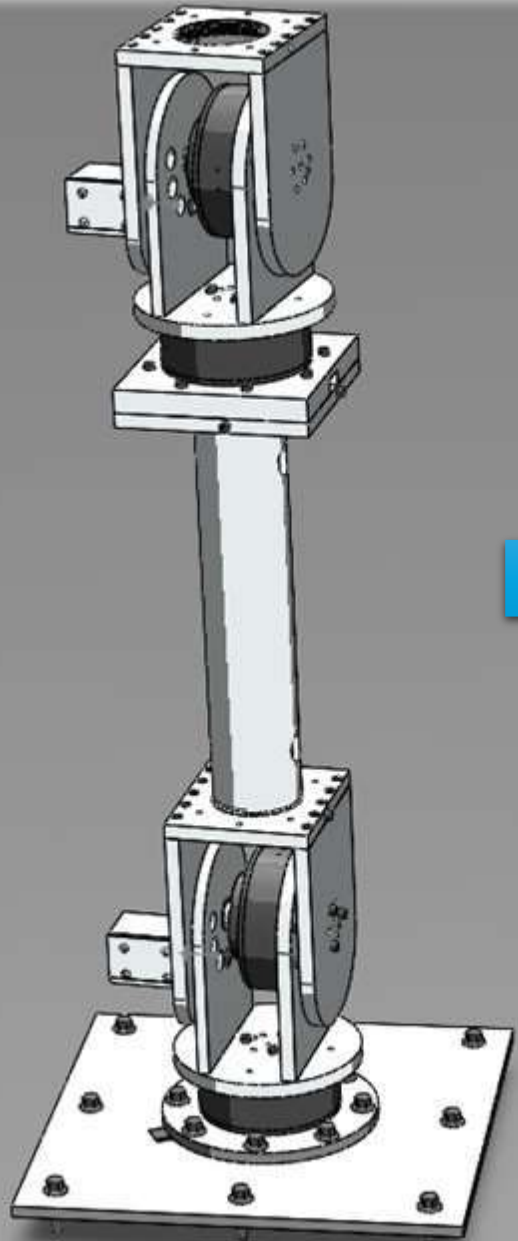


**Top side**

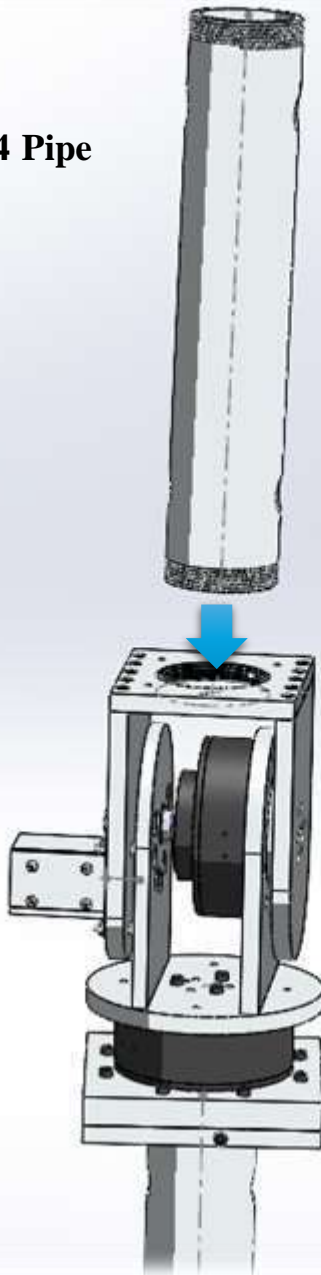


**Insert 10x M4  
headcap screws 20  
to 25 mm**

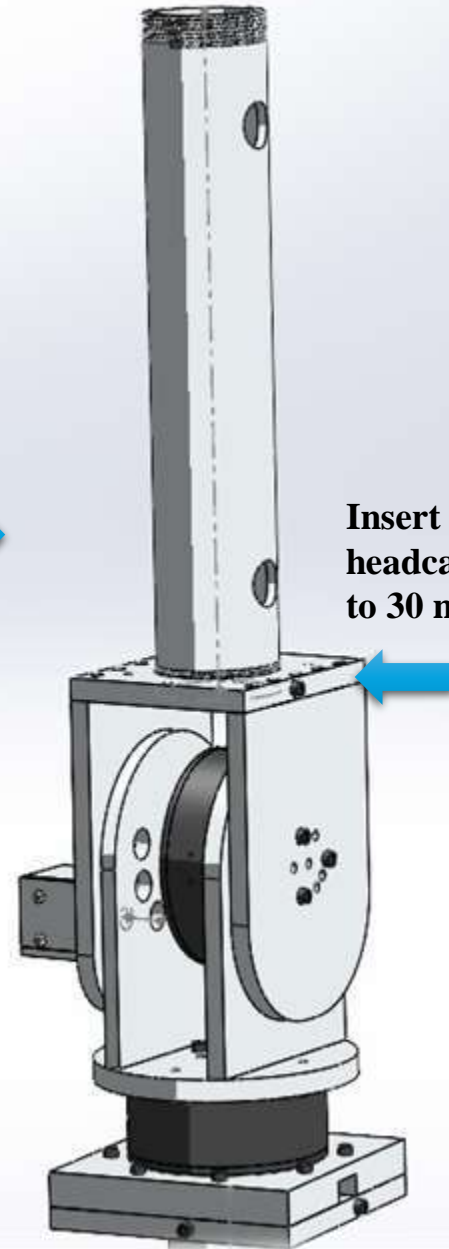


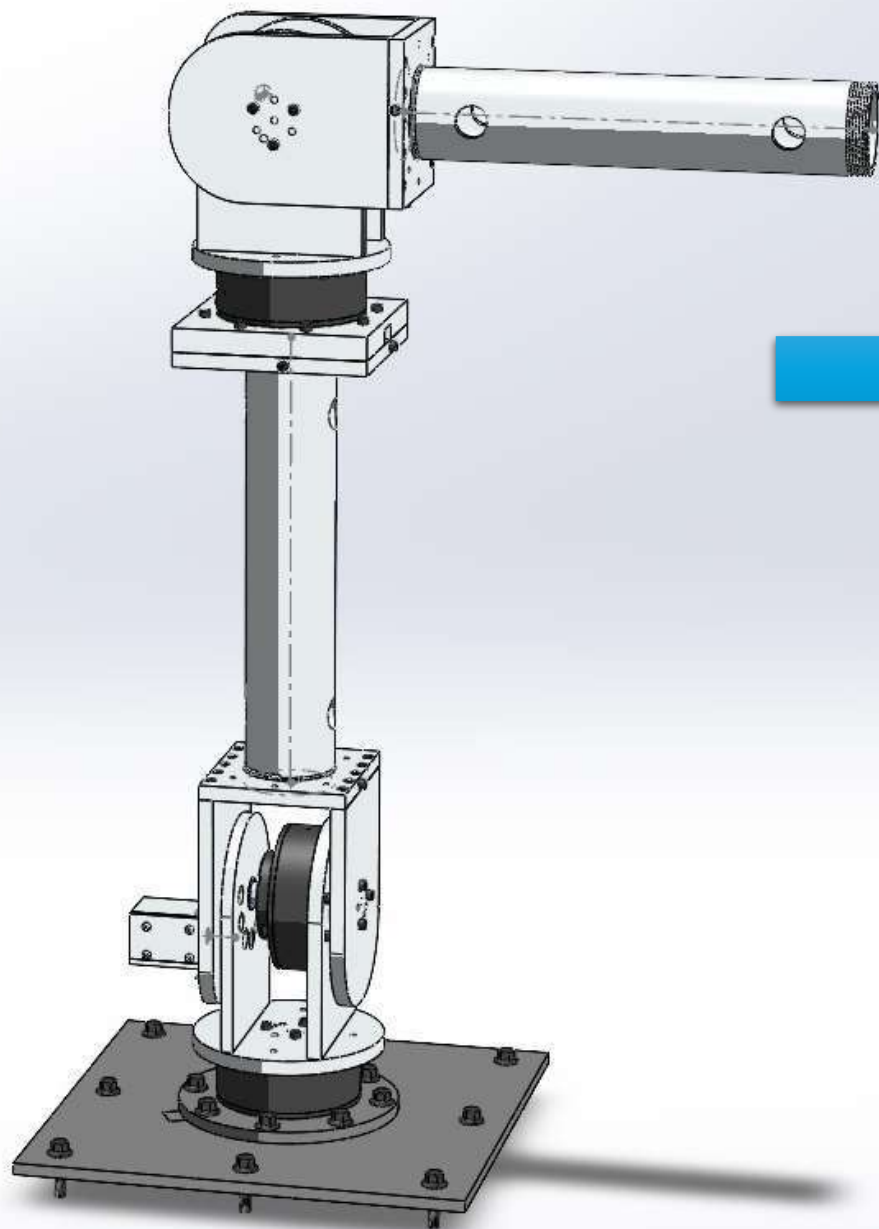


**Link4 Pipe**

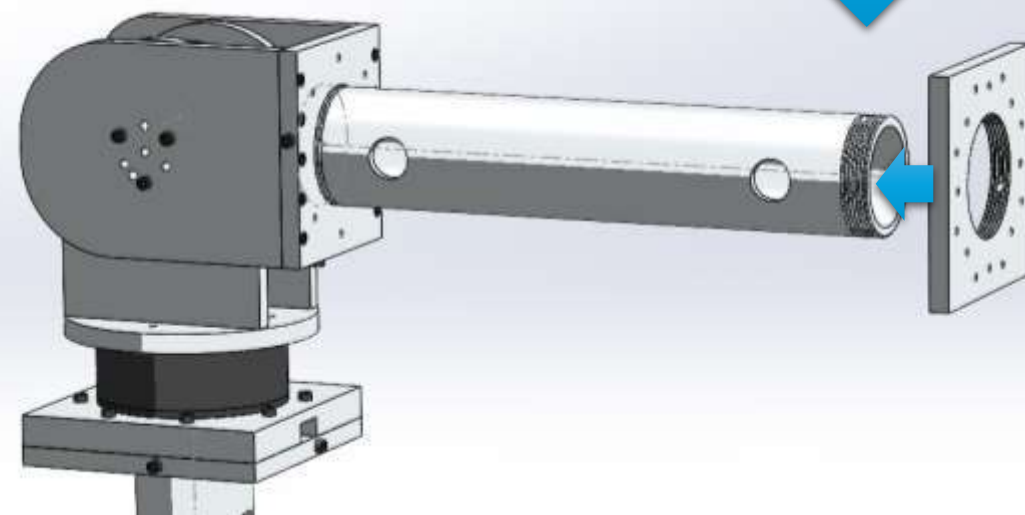
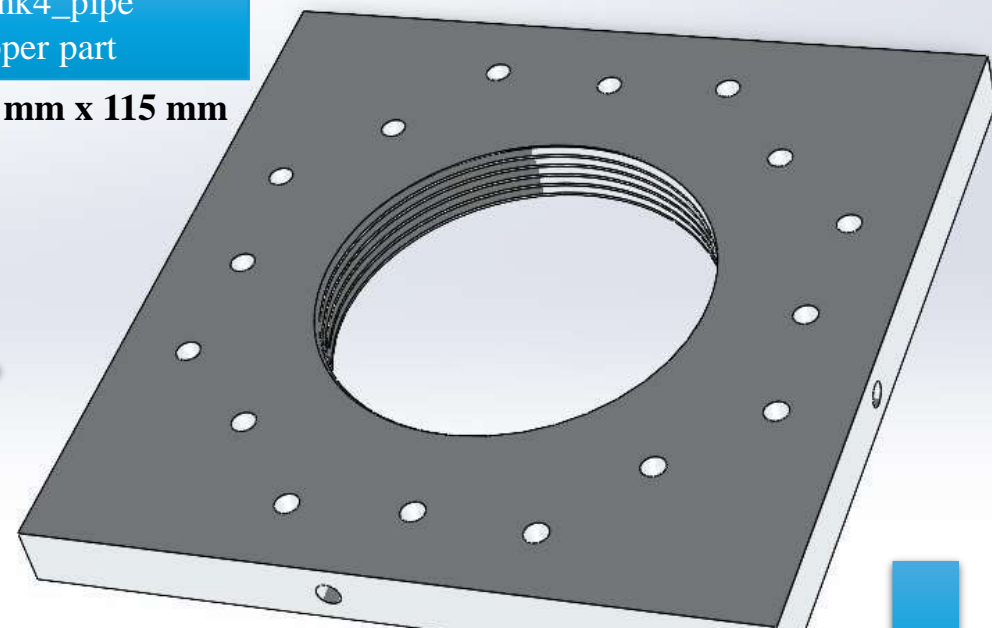


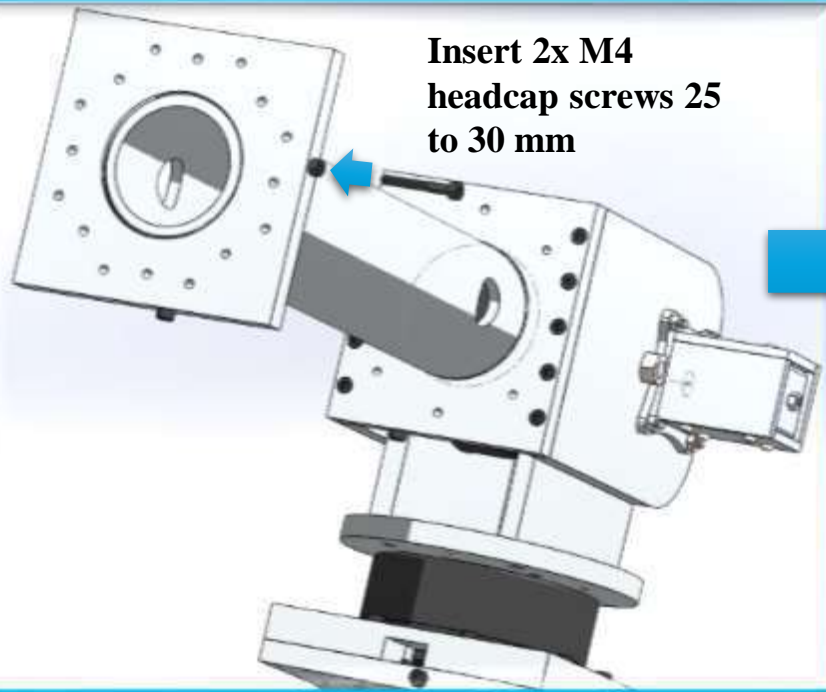
**Insert 2x M4  
headcap screws 25  
to 30 mm**





Link4\_pipe  
upper part  
115 mm x 115 mm



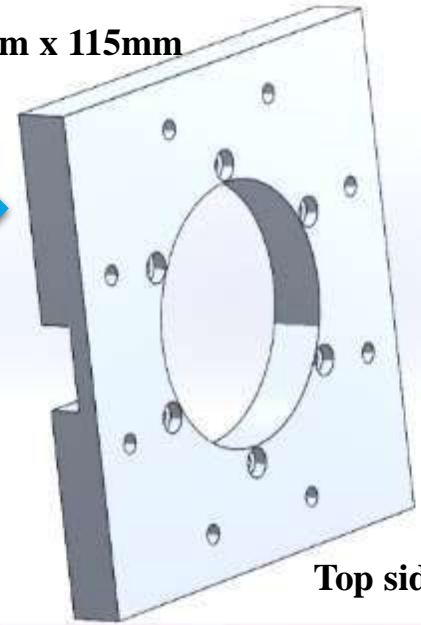


Insert 2x M4  
headcap screws 25  
to 30 mm



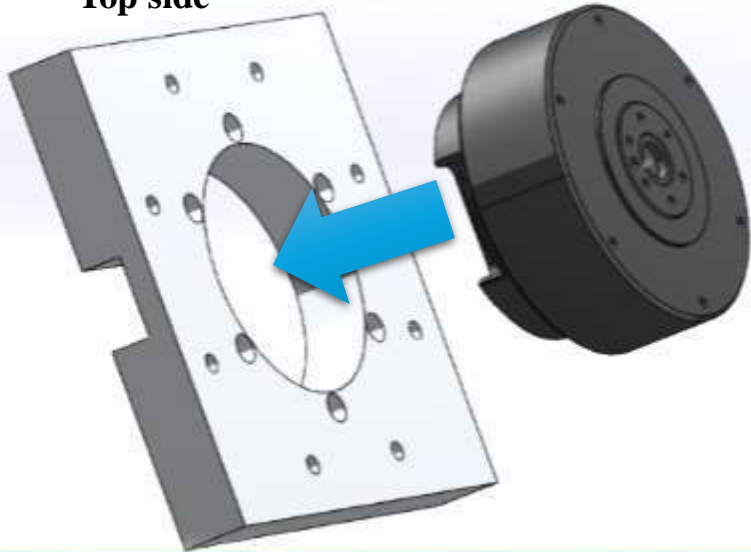
Link5\_motor mountedPart

15mm x 115mm



Top side

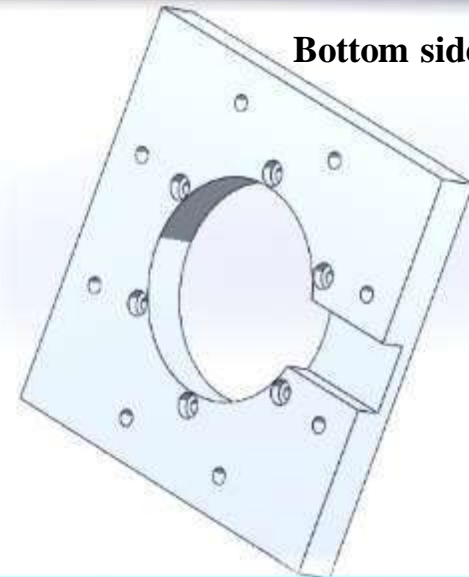
Top side



Insert RMDx6  
motor



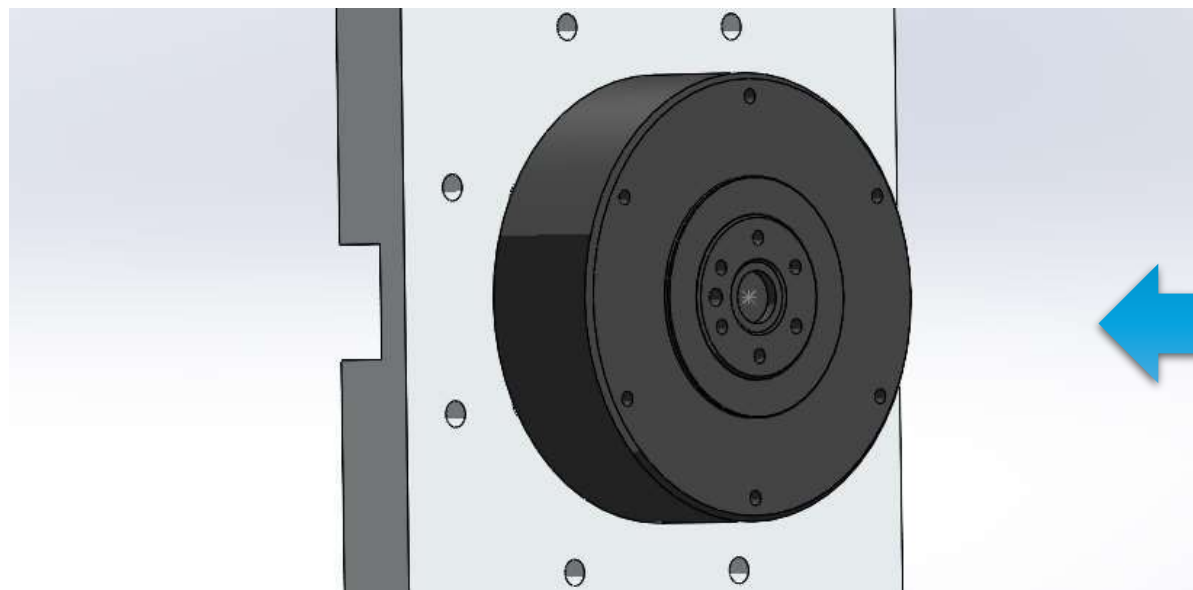
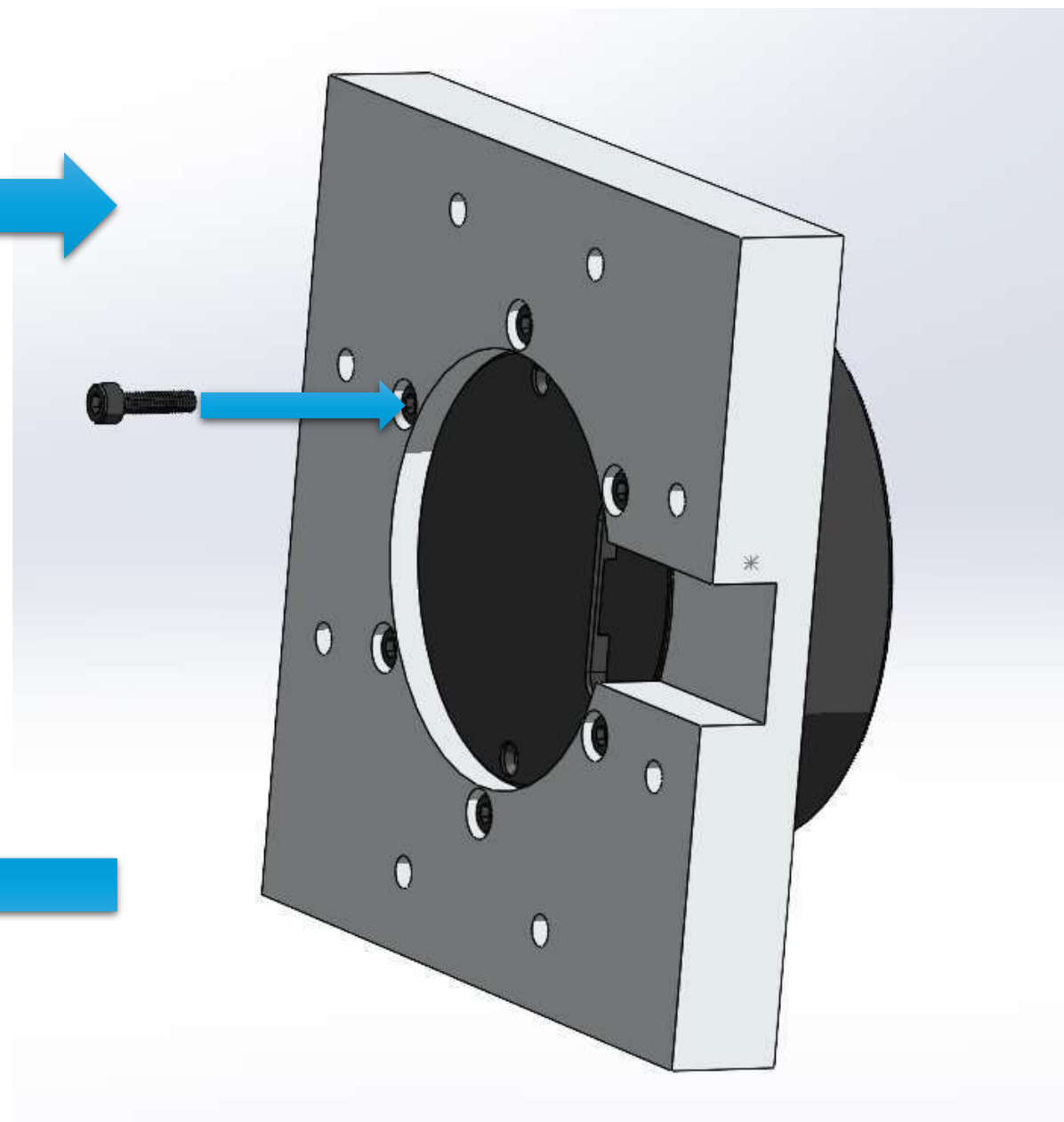
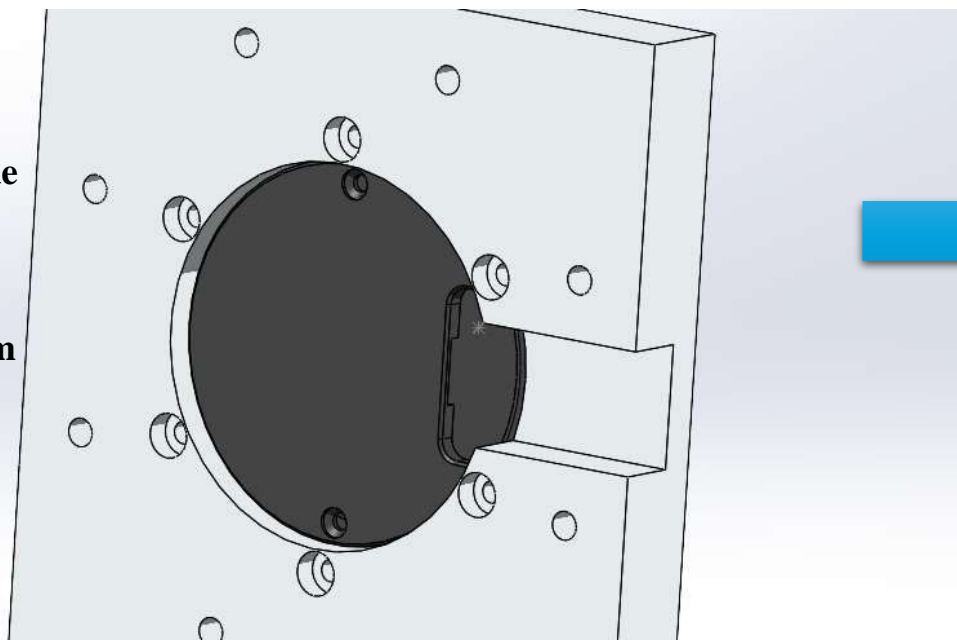
Bottom side



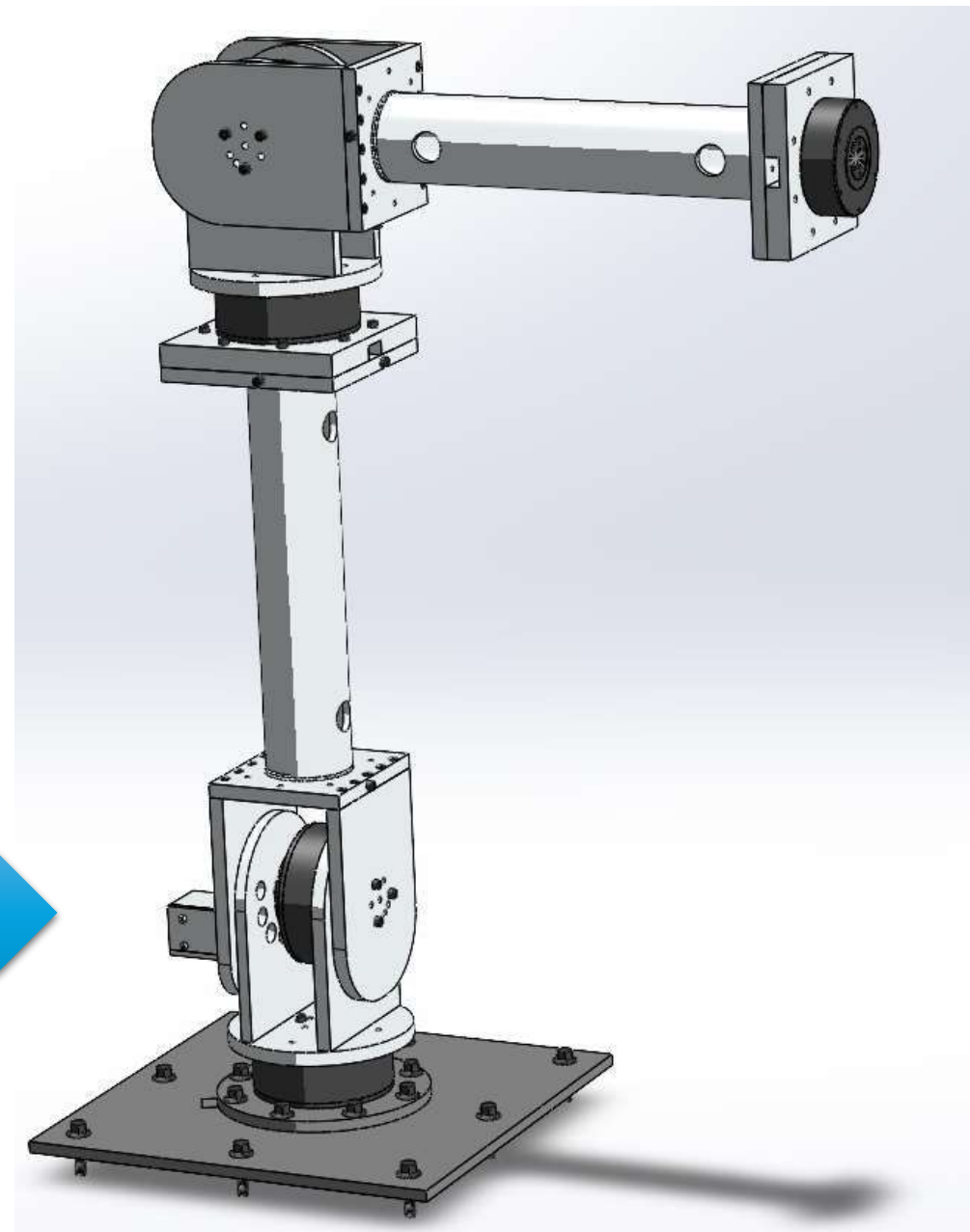
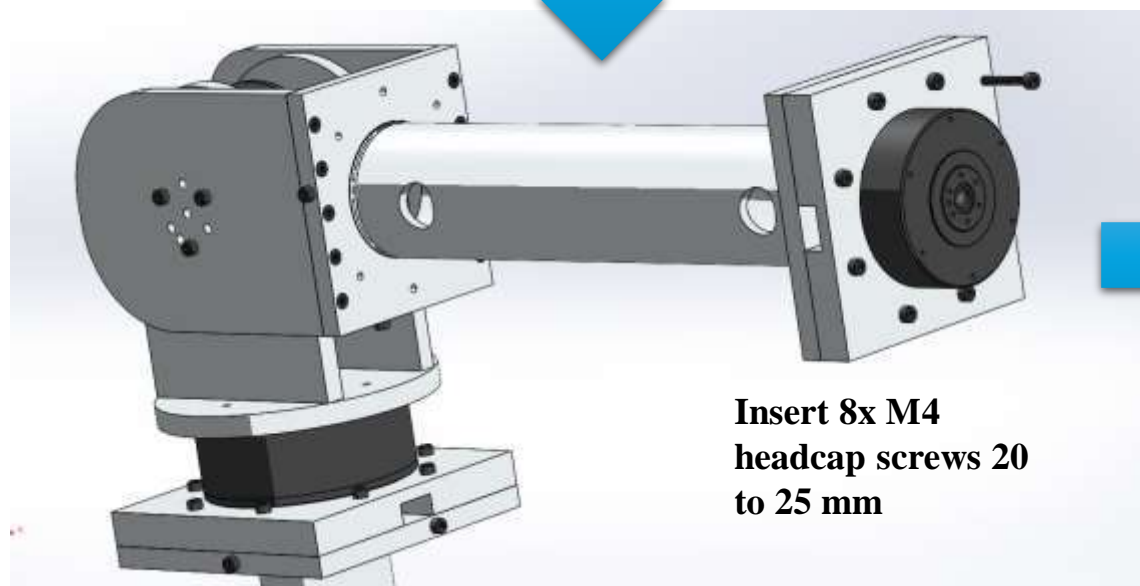
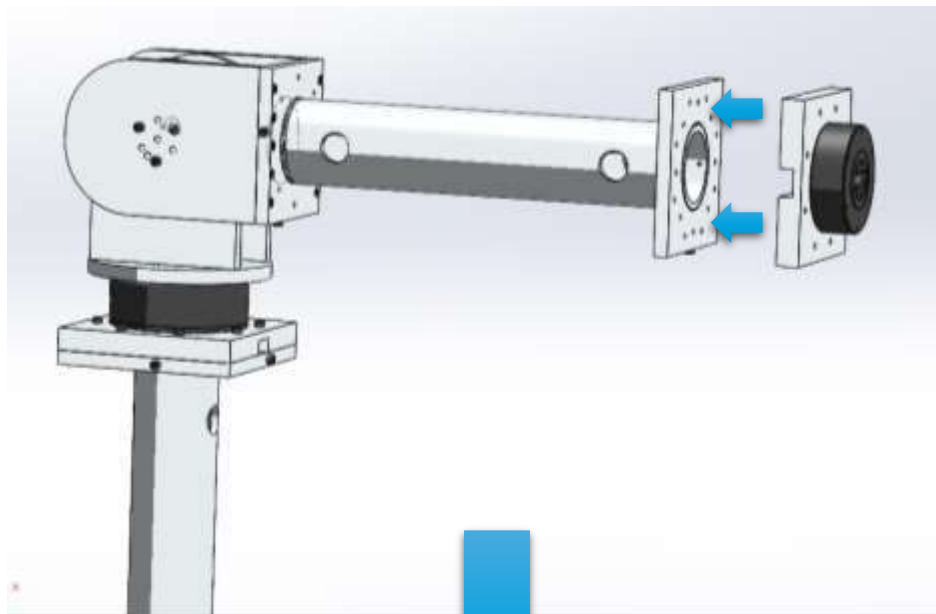


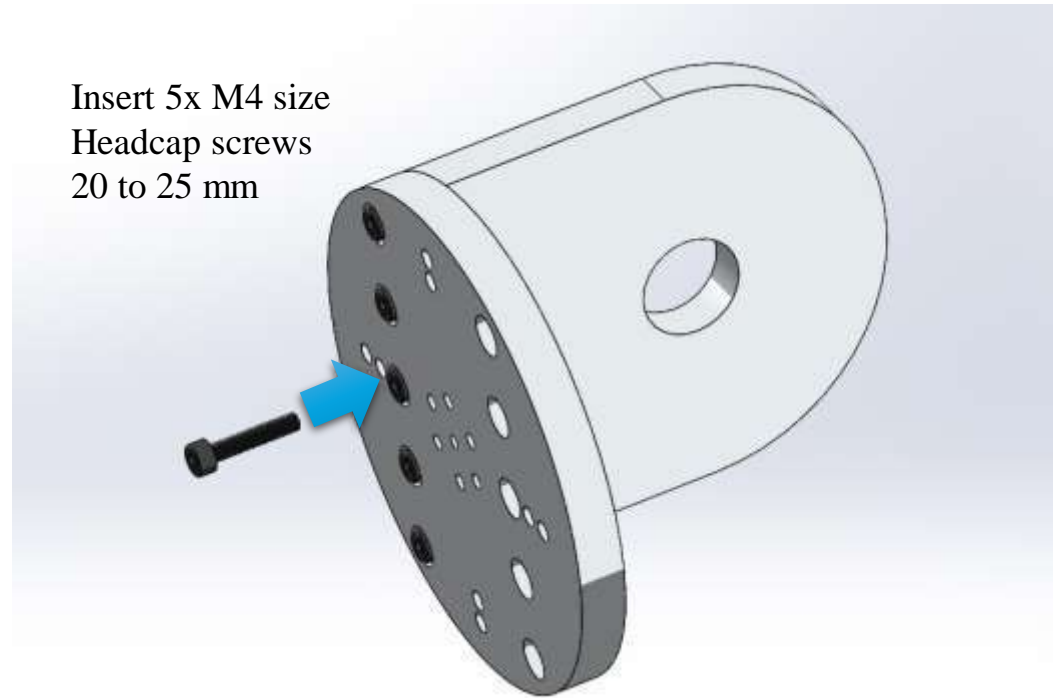
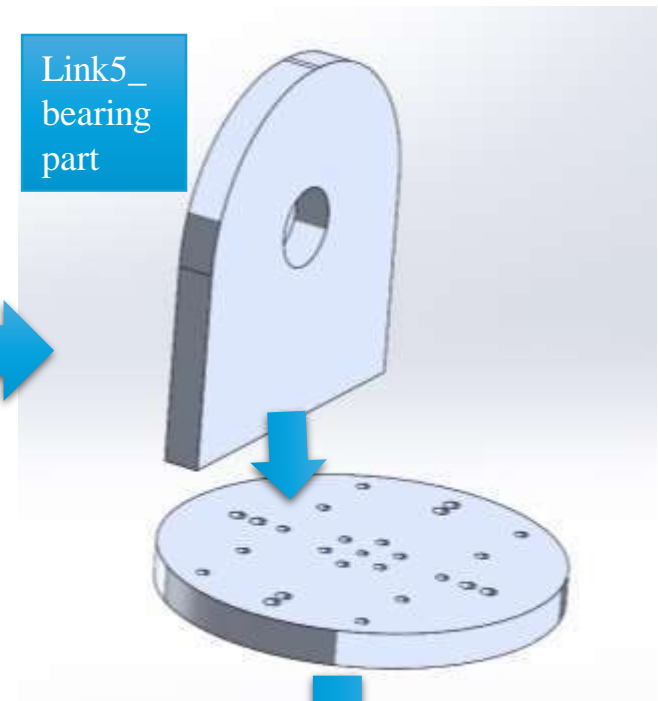
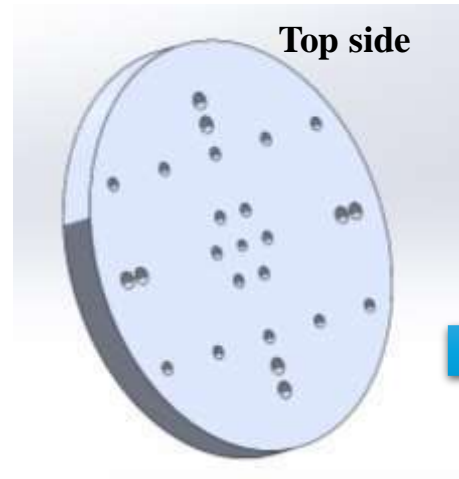
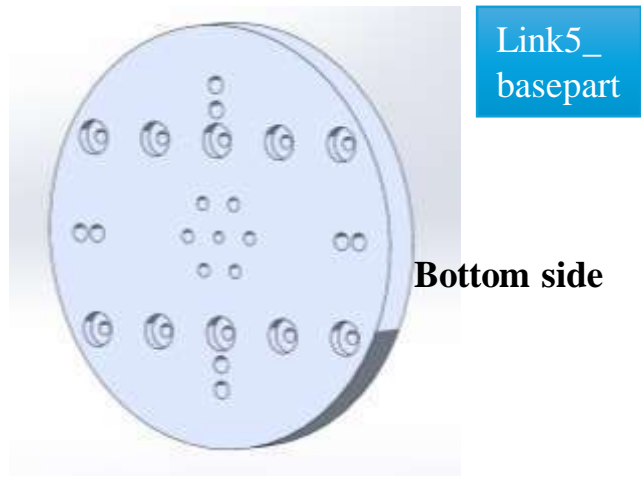
**Bottom side**

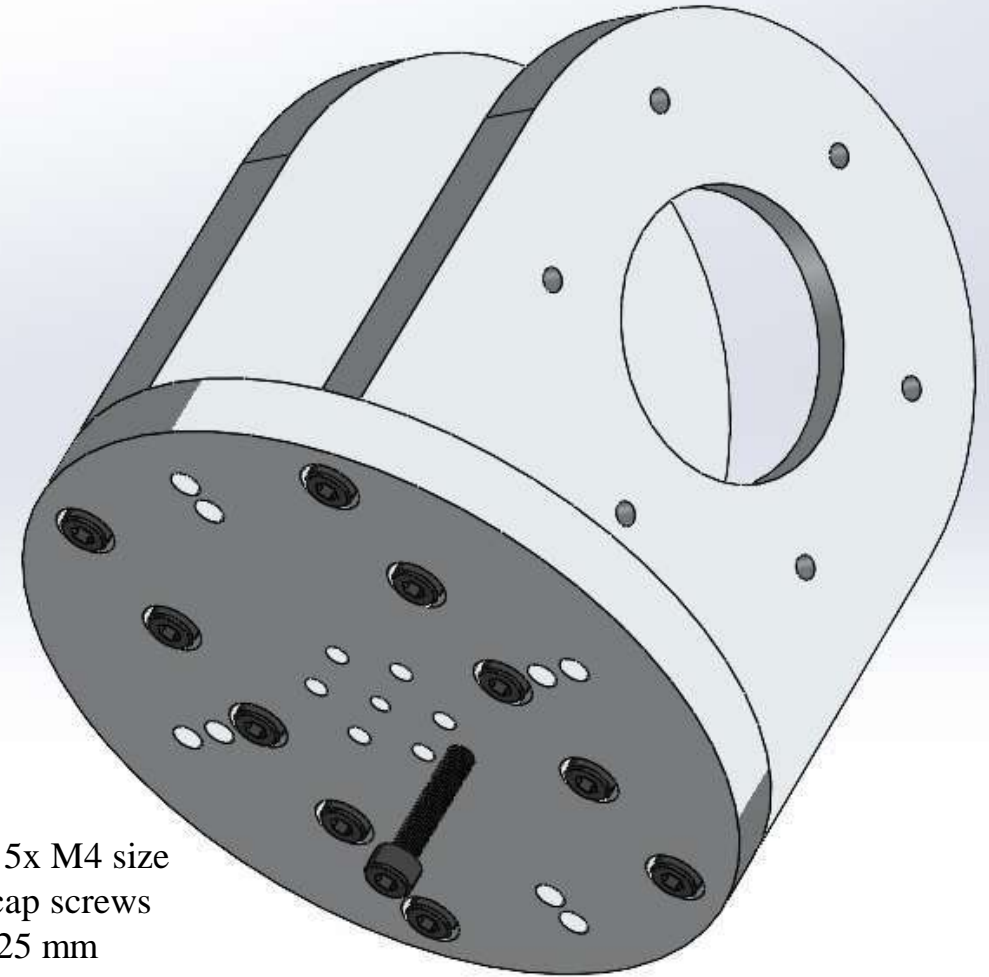
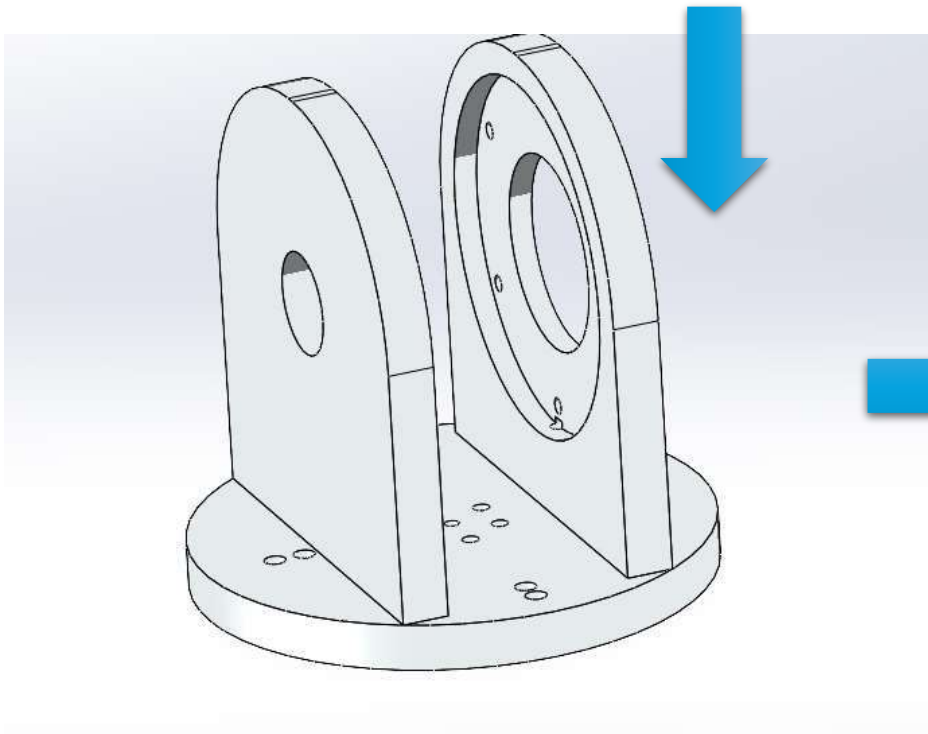
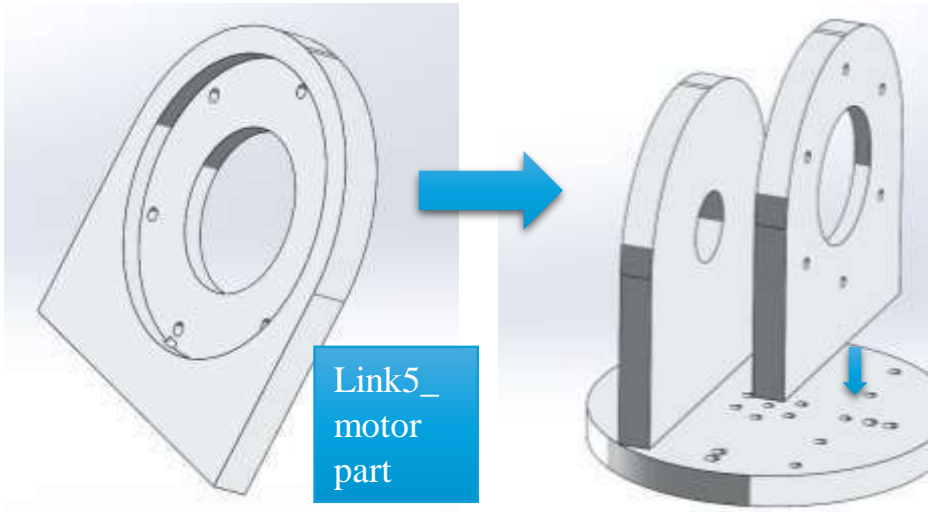
**Insert 6x M3  
size headcap  
screws 15 mm**

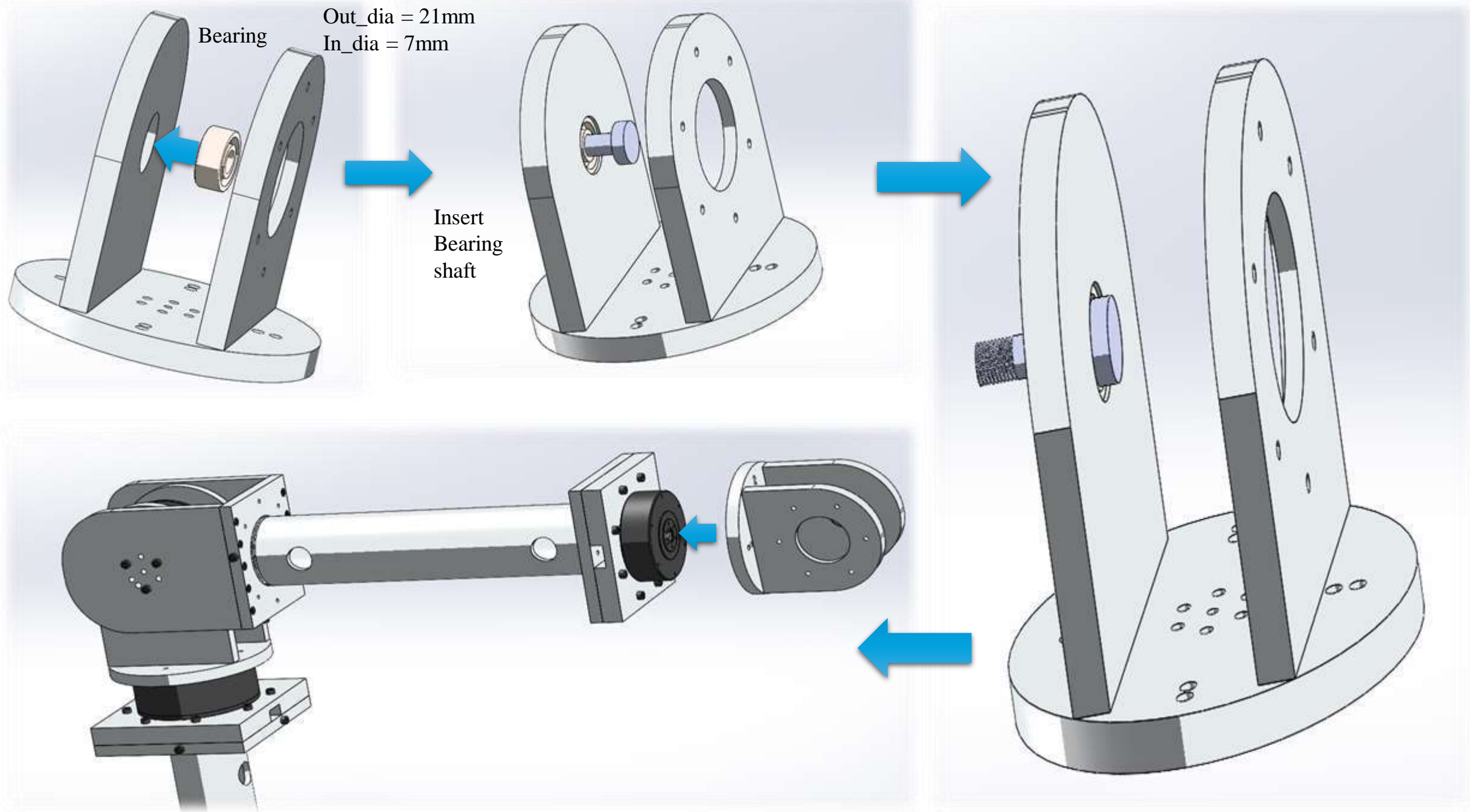




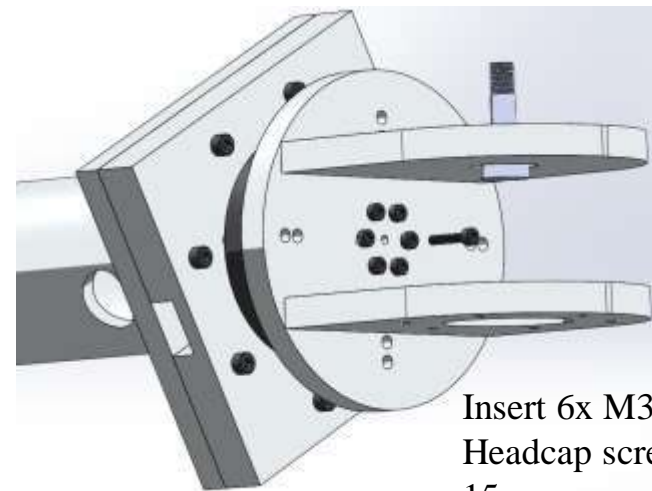
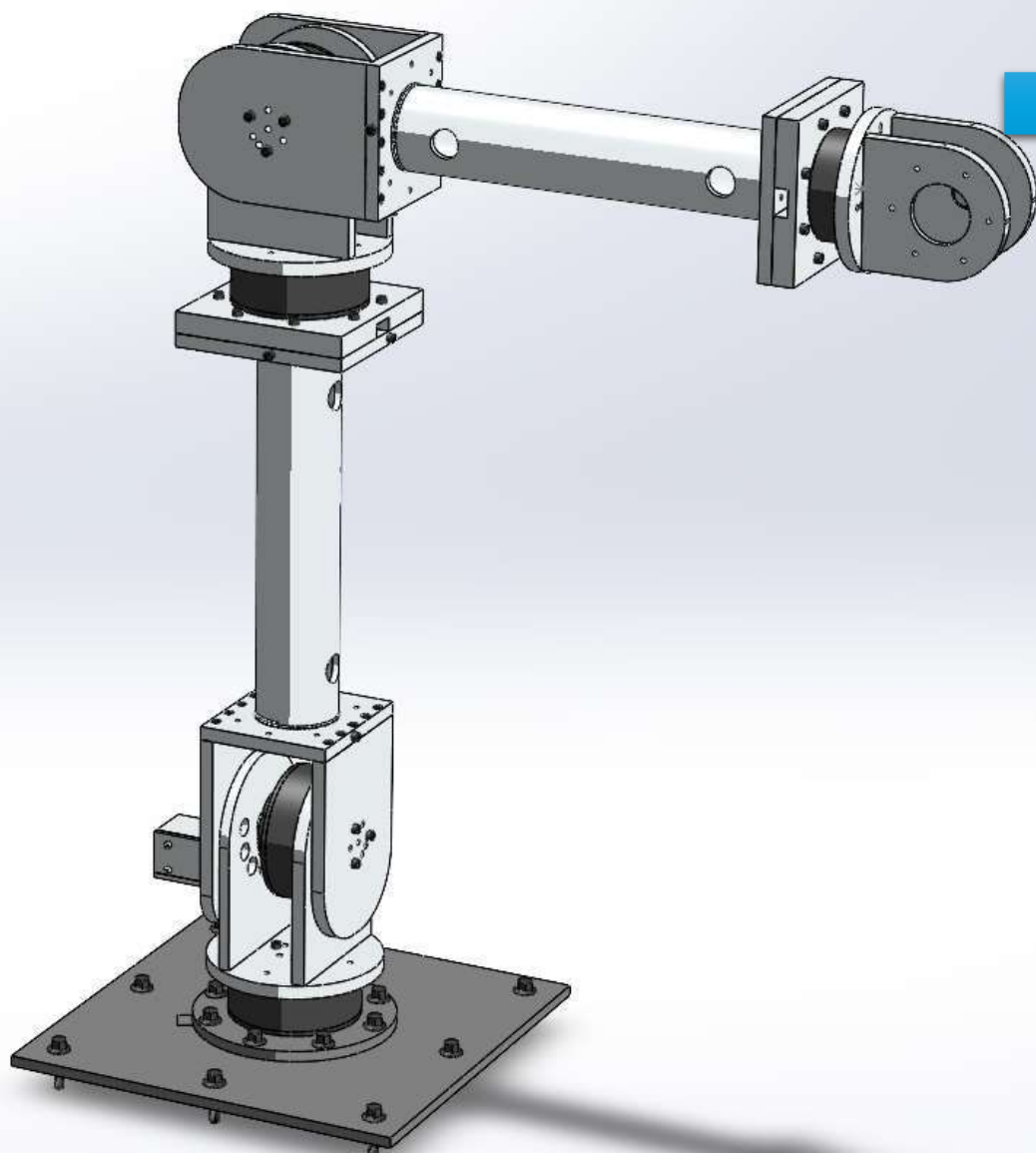




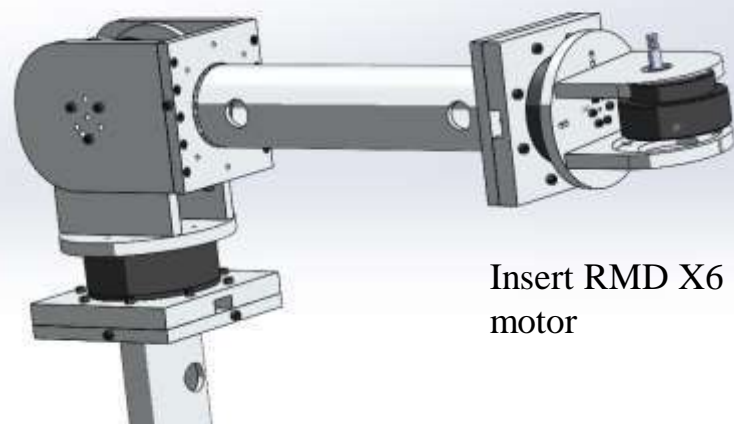






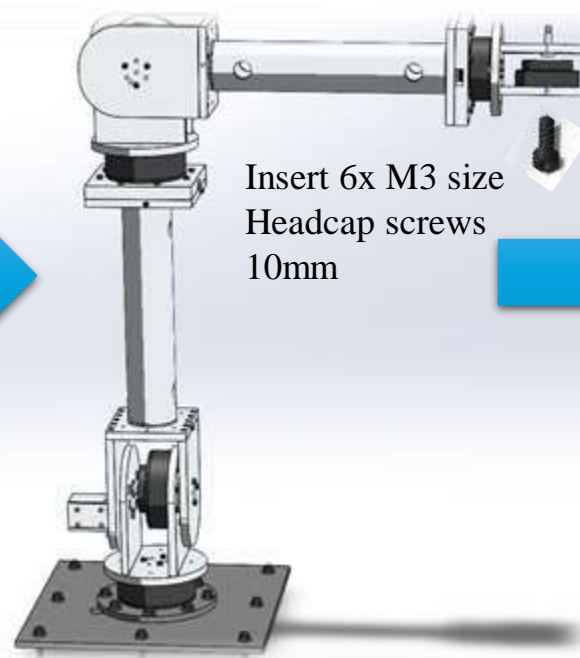
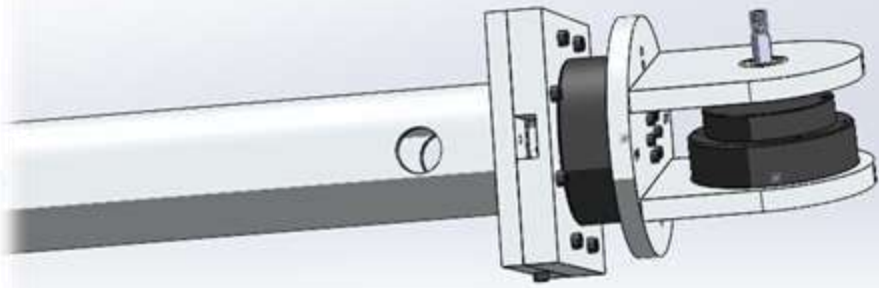


Insert 6x M3 size  
Headcap screws  
15mm



Insert RMD X6  
motor

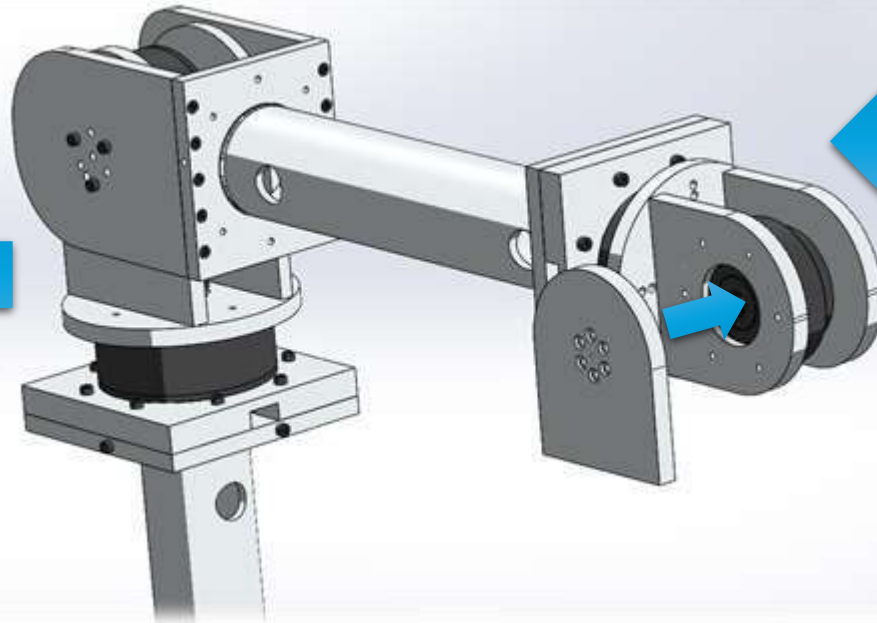
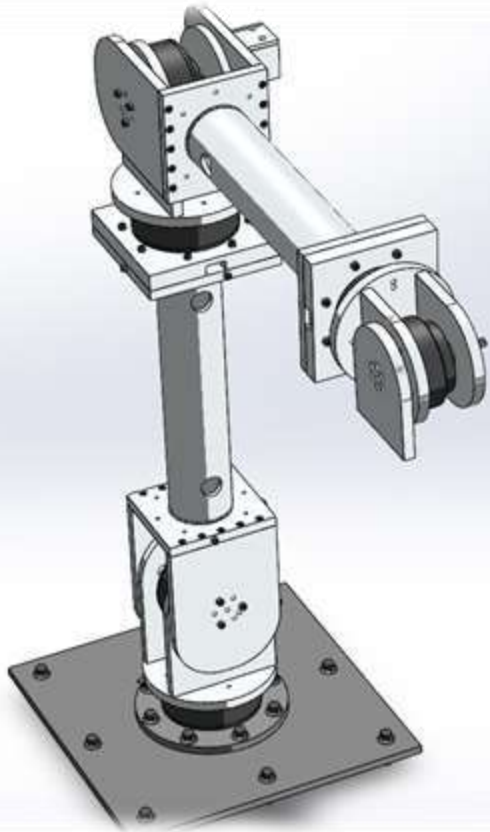


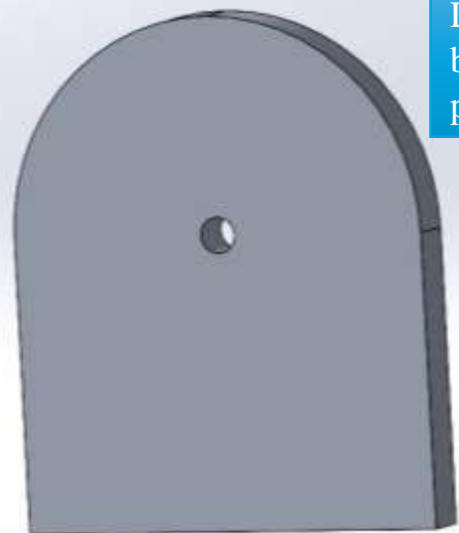


Insert 6x M3 size  
Headcap screws  
10mm

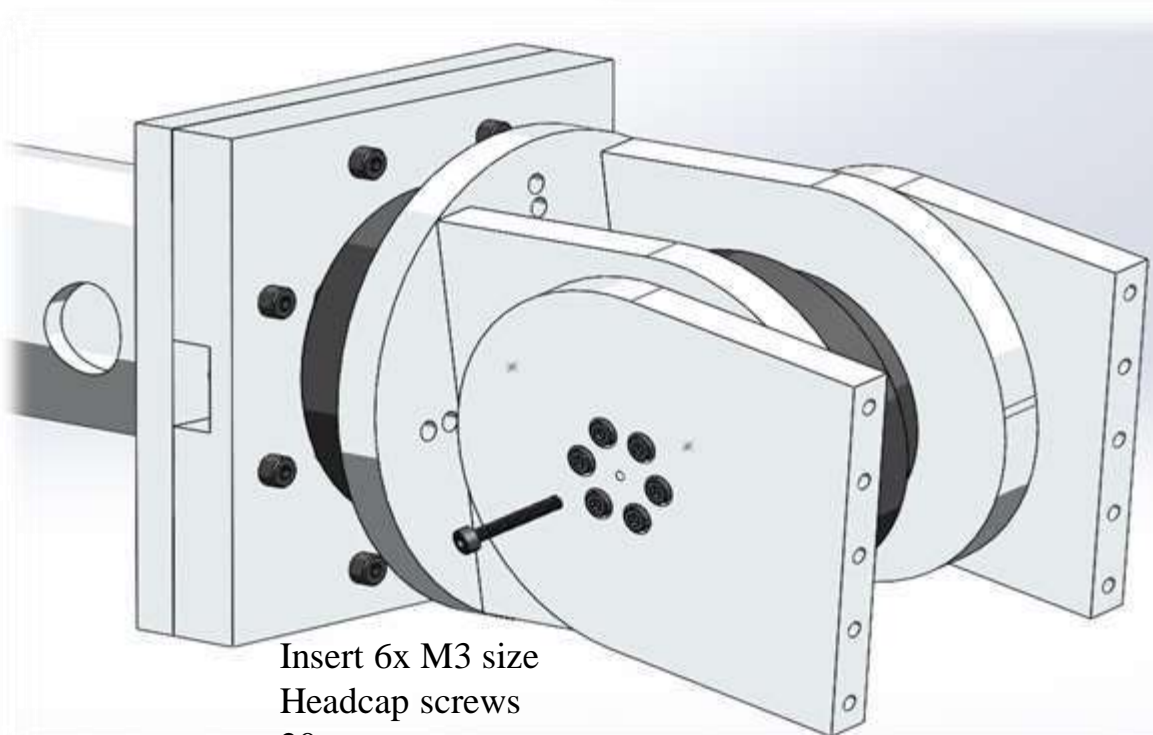
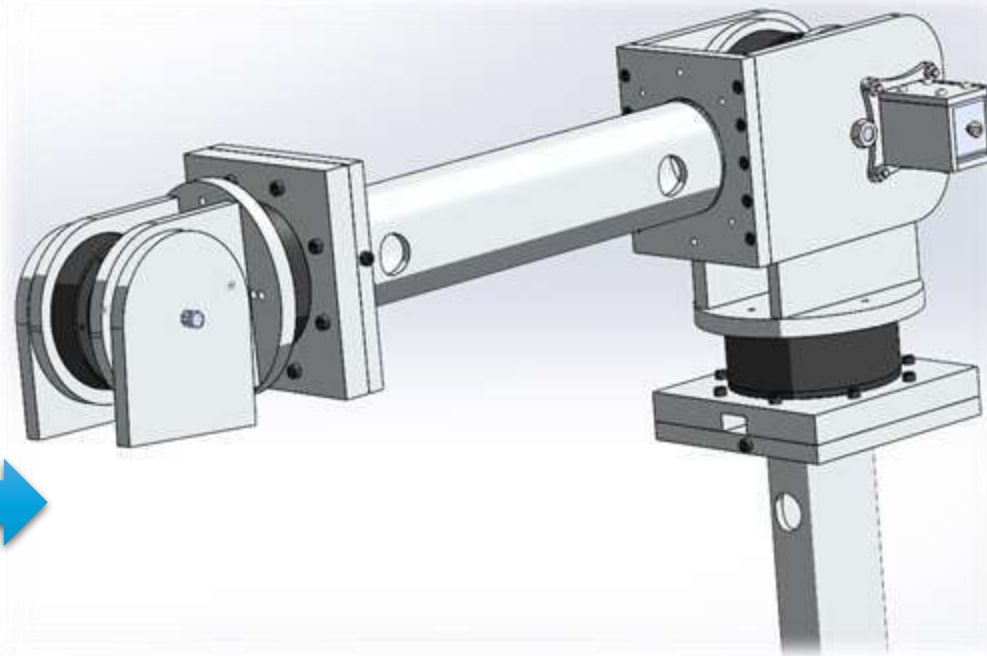
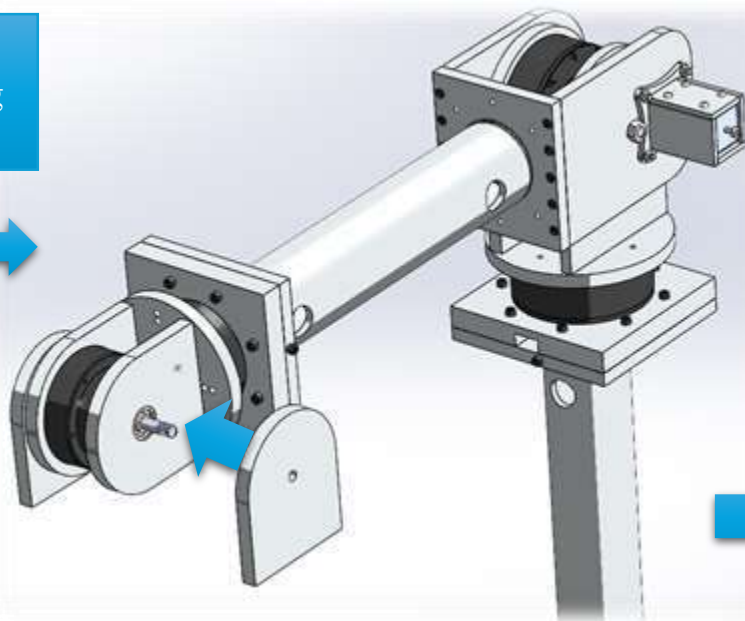


Link6\_  
motor  
part

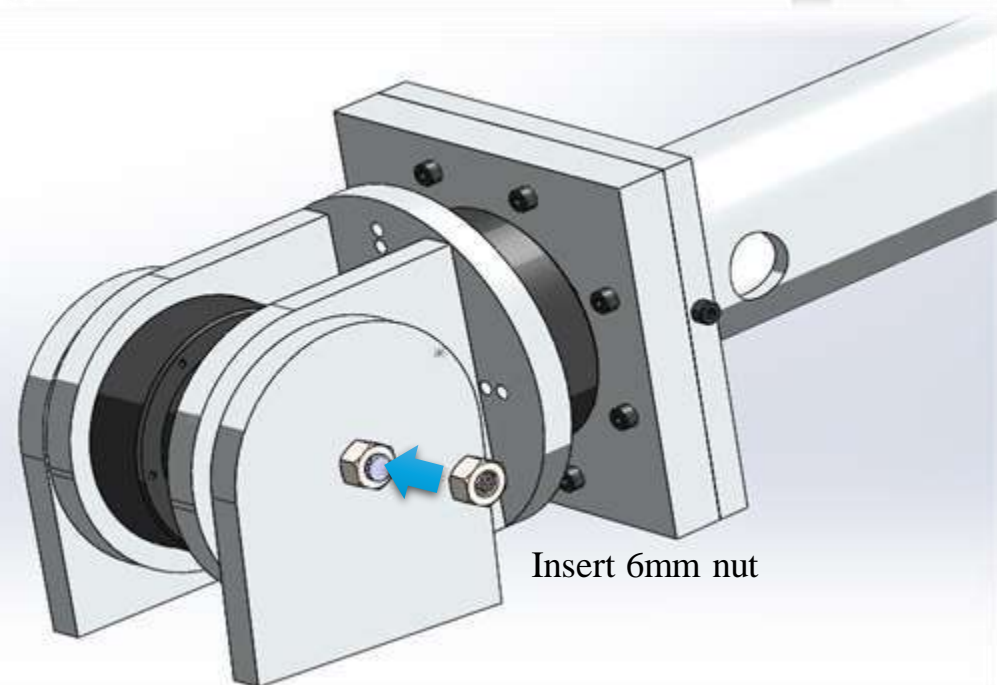




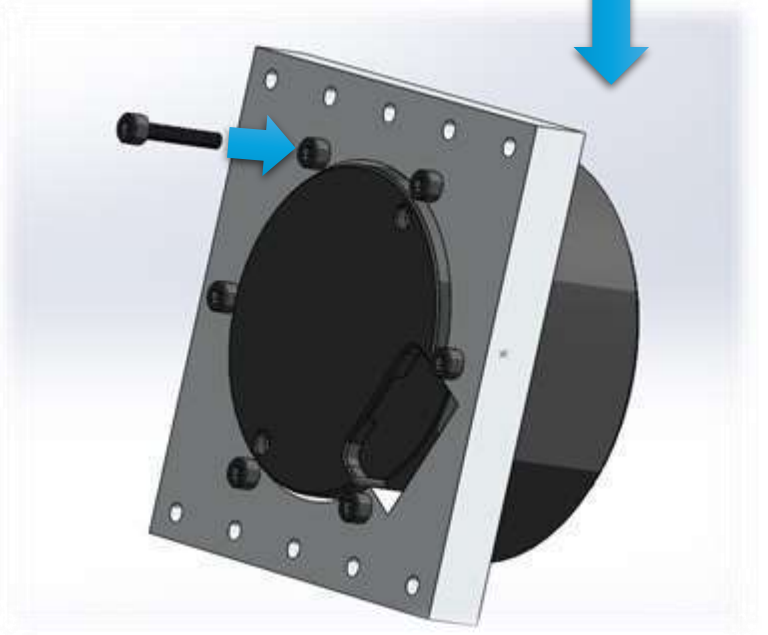
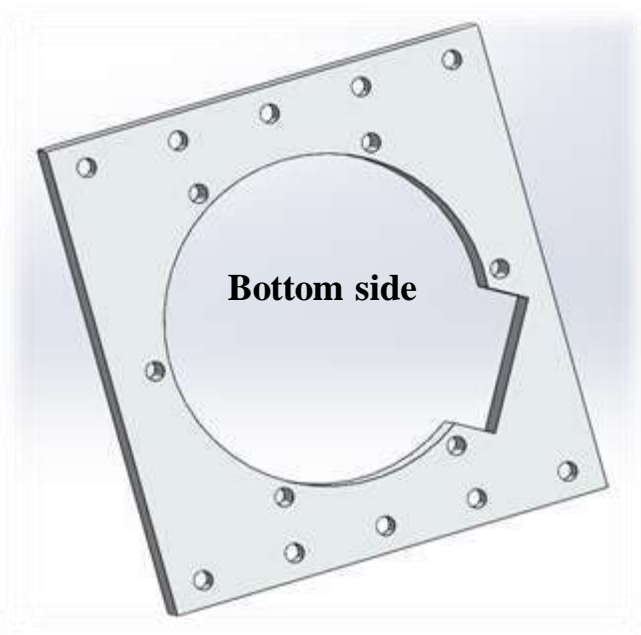
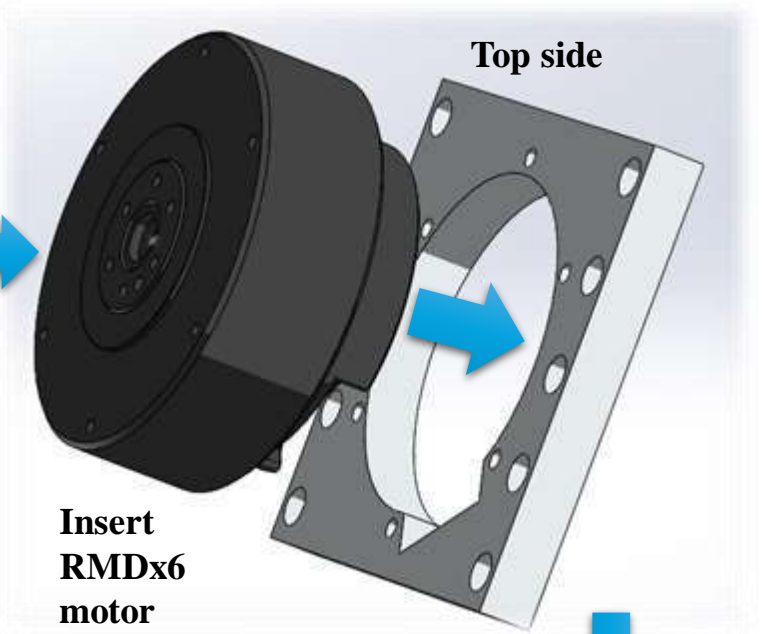
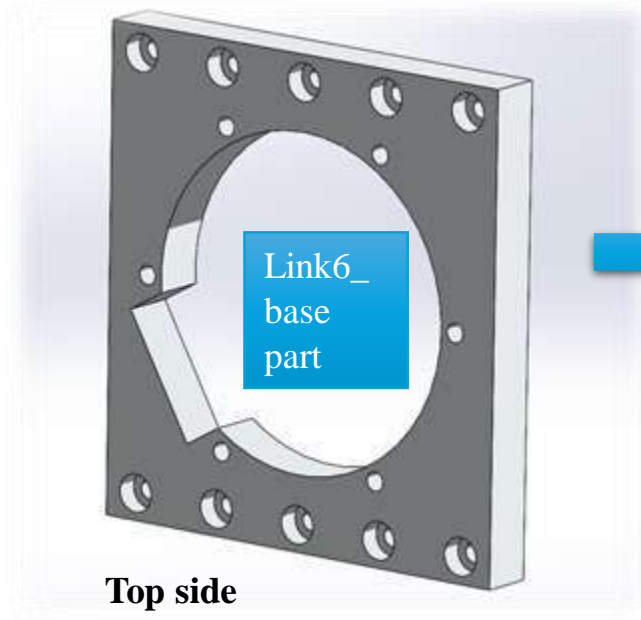
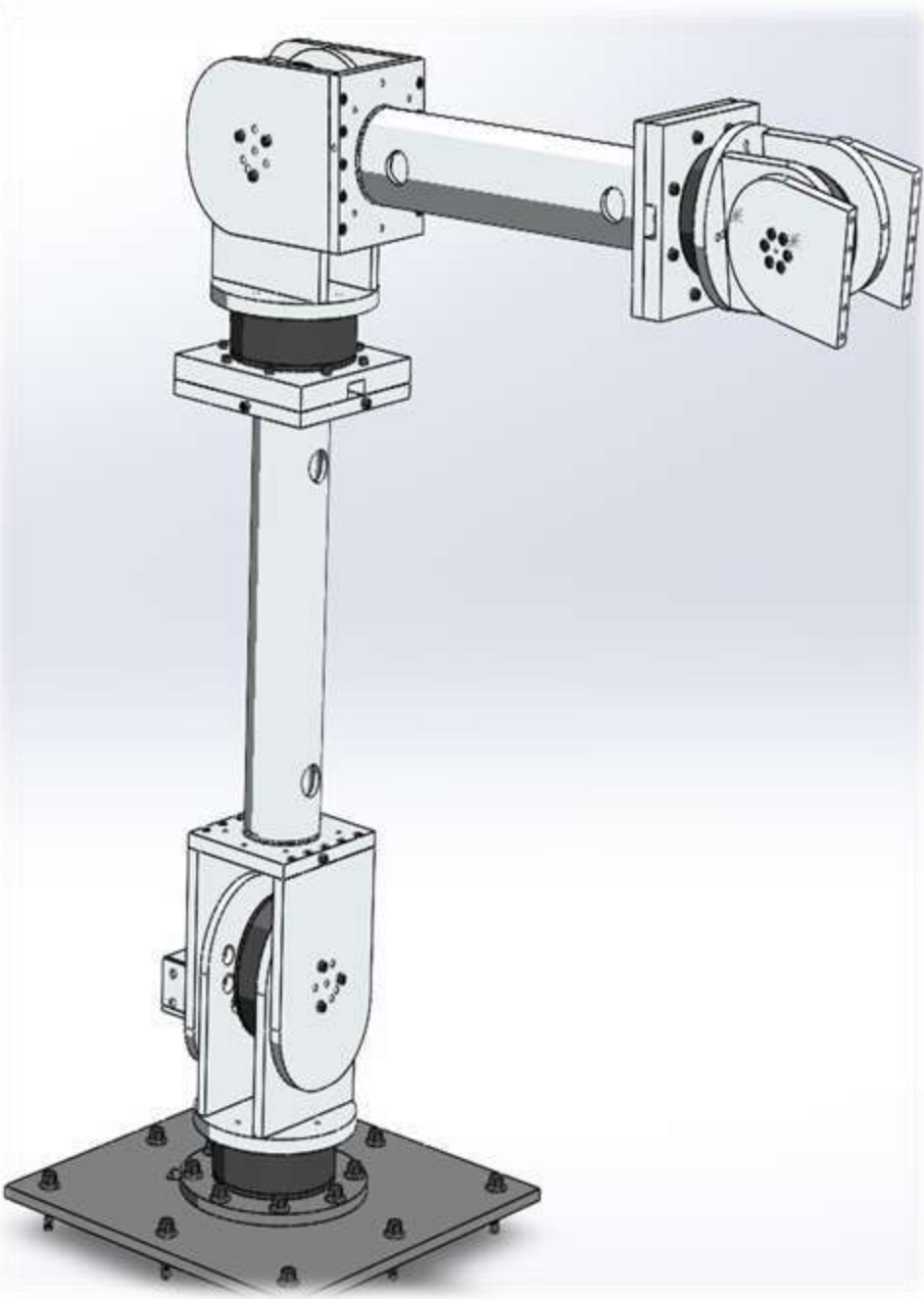
Link6\_  
bearing  
part



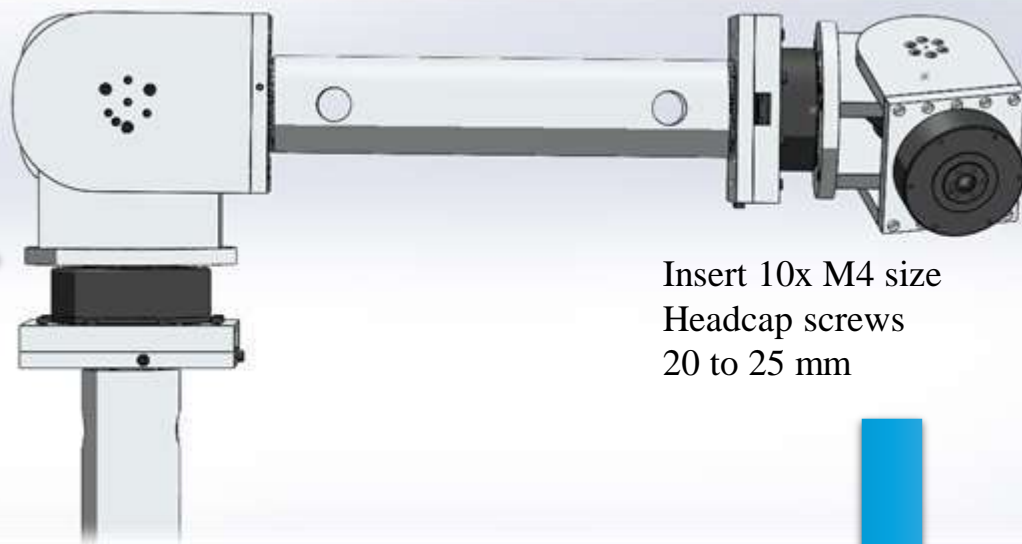
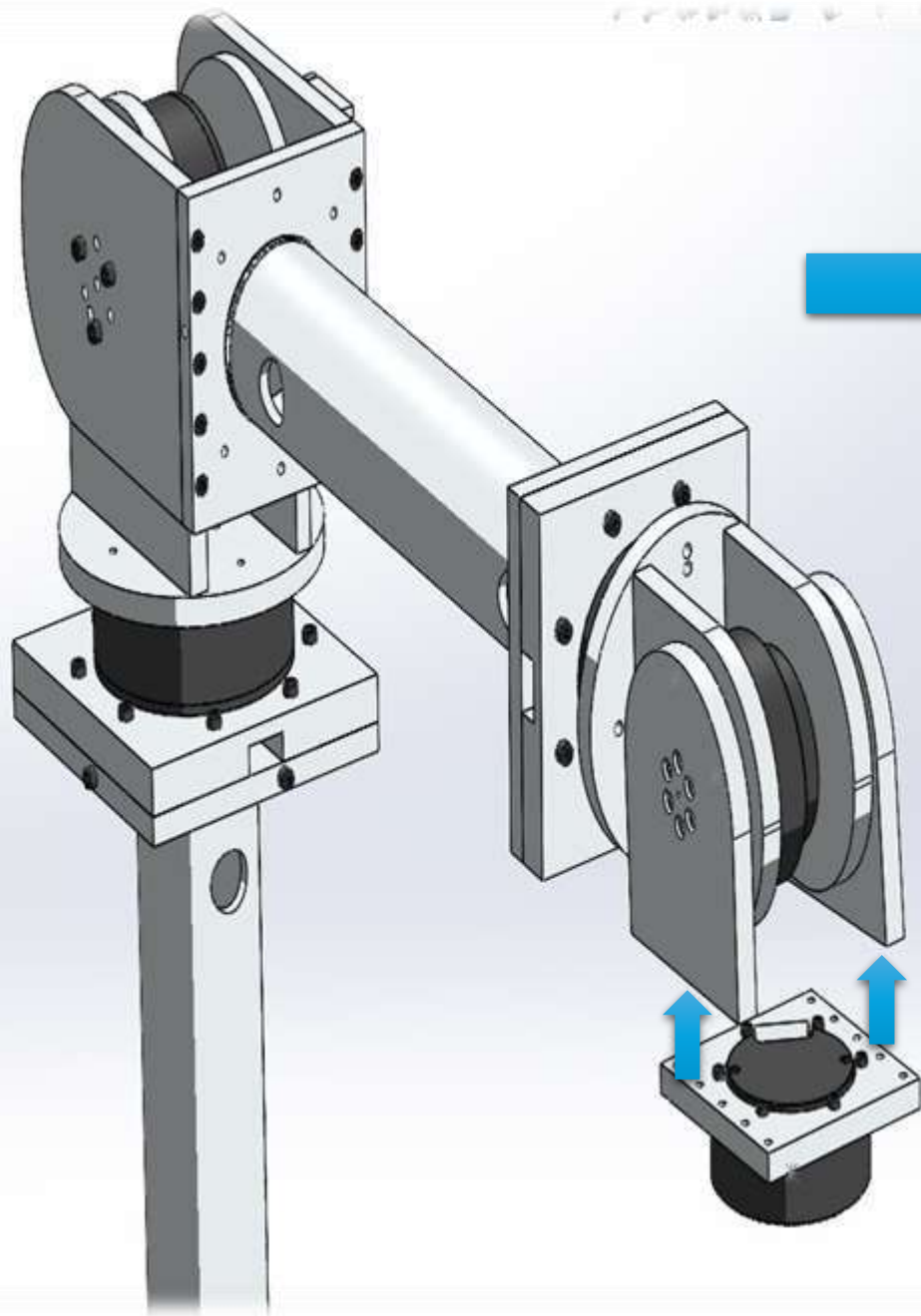
Insert 6x M3 size  
Headcap screws  
20 mm



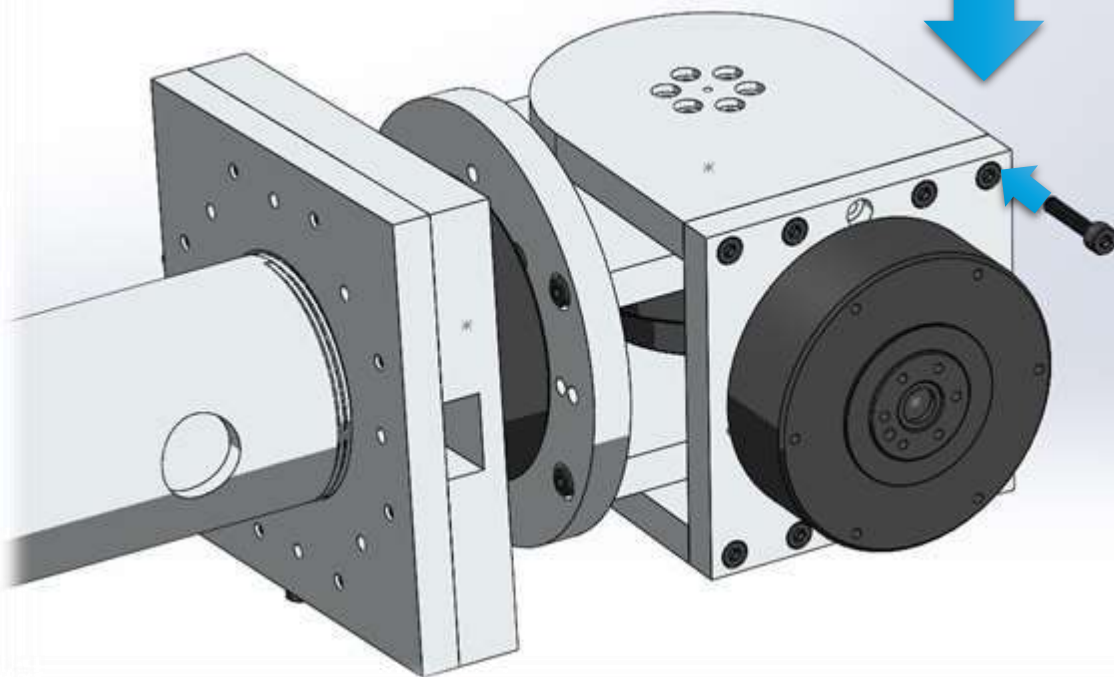
Insert 6mm nut





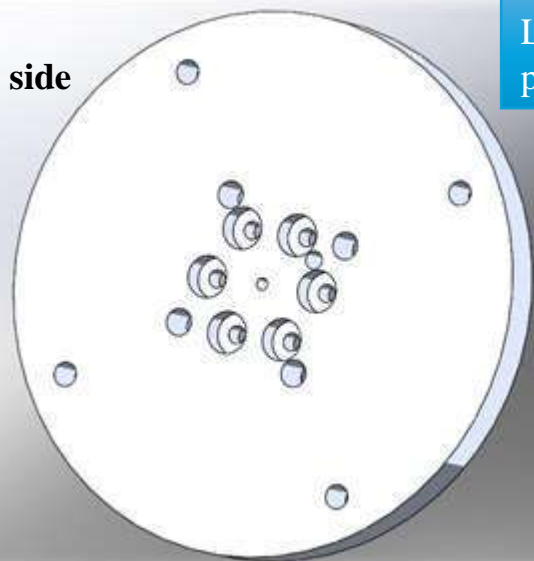


Insert 10x M4 size  
Headcap screws  
20 to 25 mm

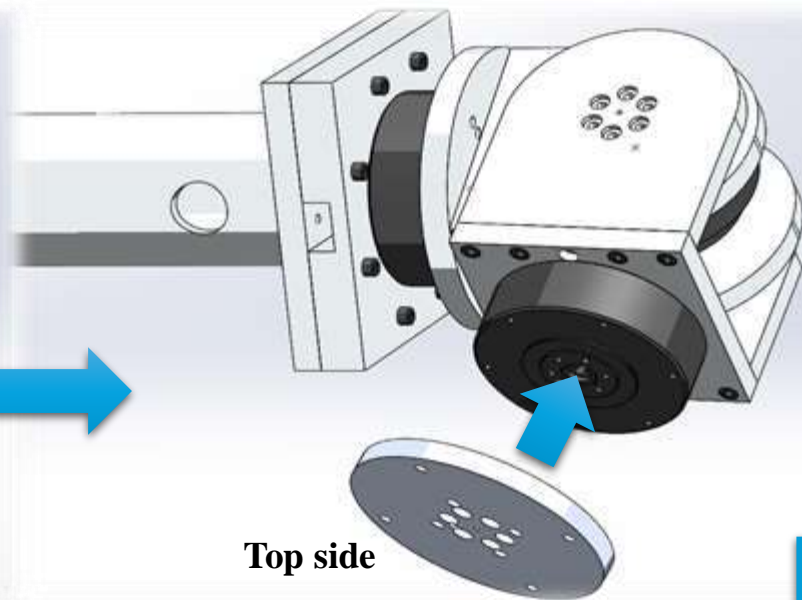
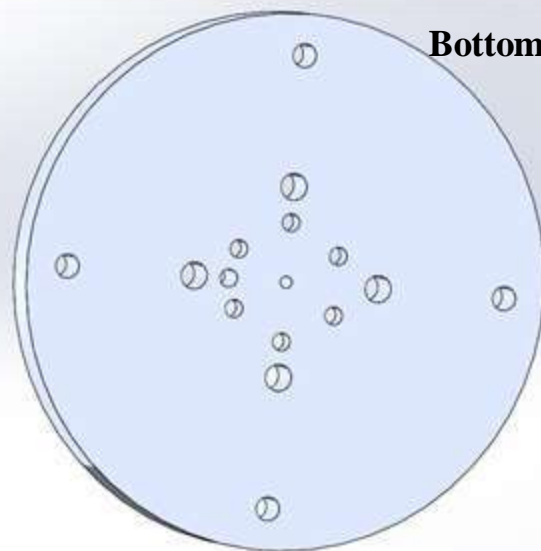


Top side

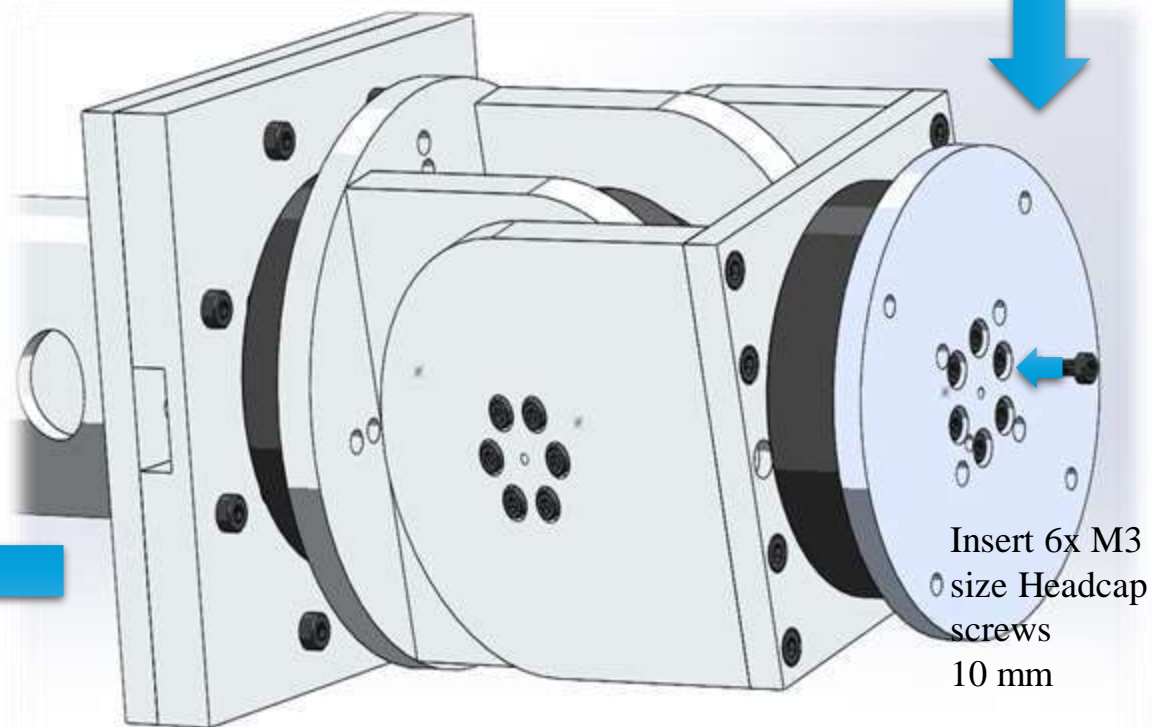
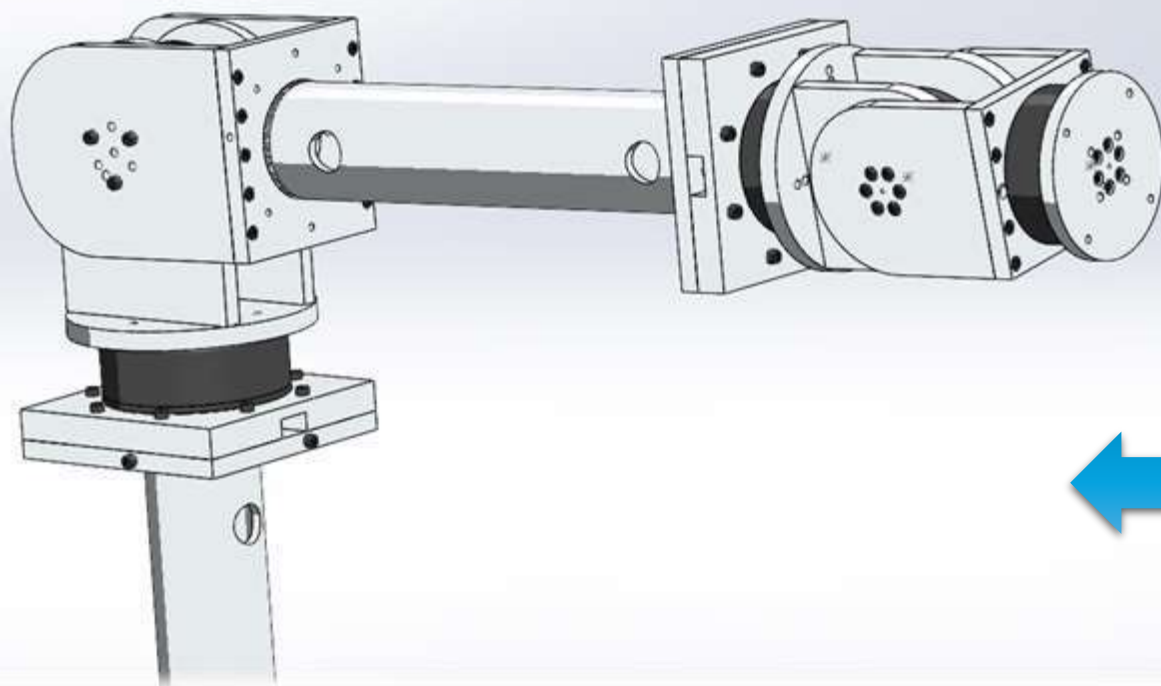
Link7\_base  
part



Bottom side



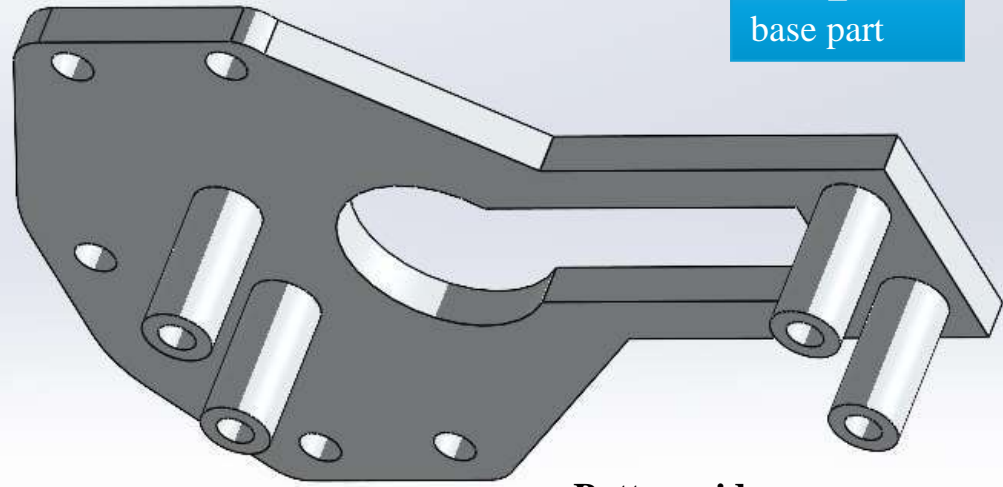
Top side



Insert 6x M3  
size Headcap  
screws  
10 mm

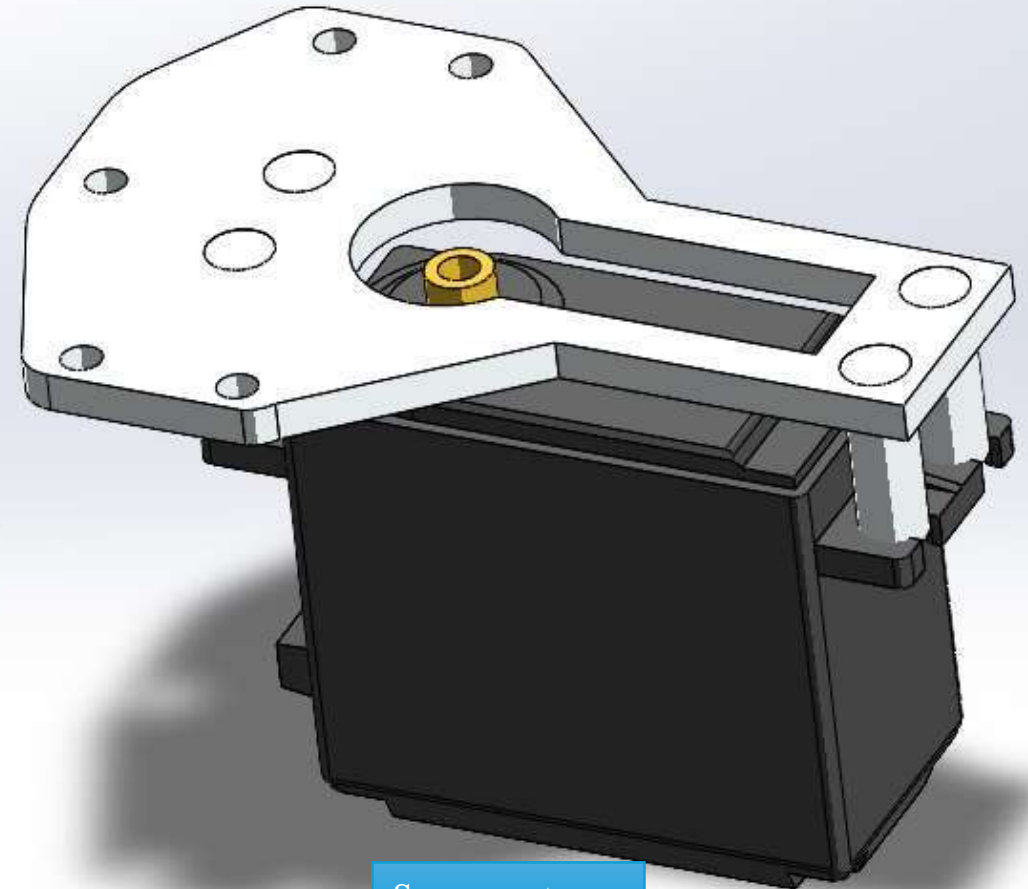
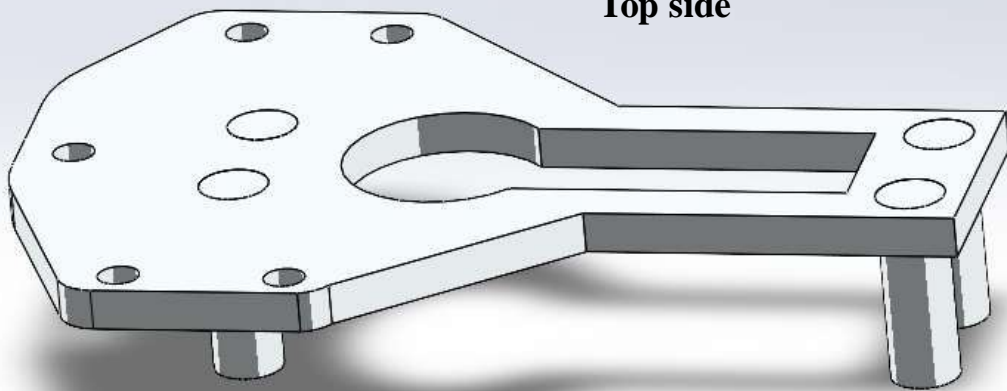


Claw\_motor  
base part

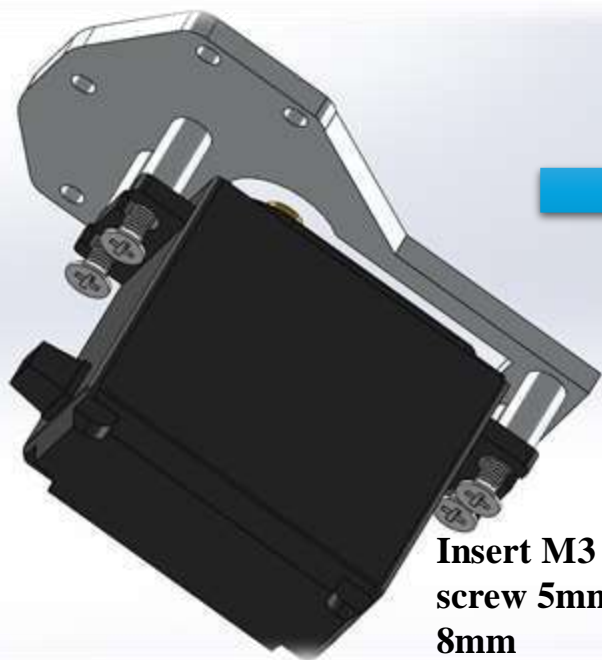


Bottom side

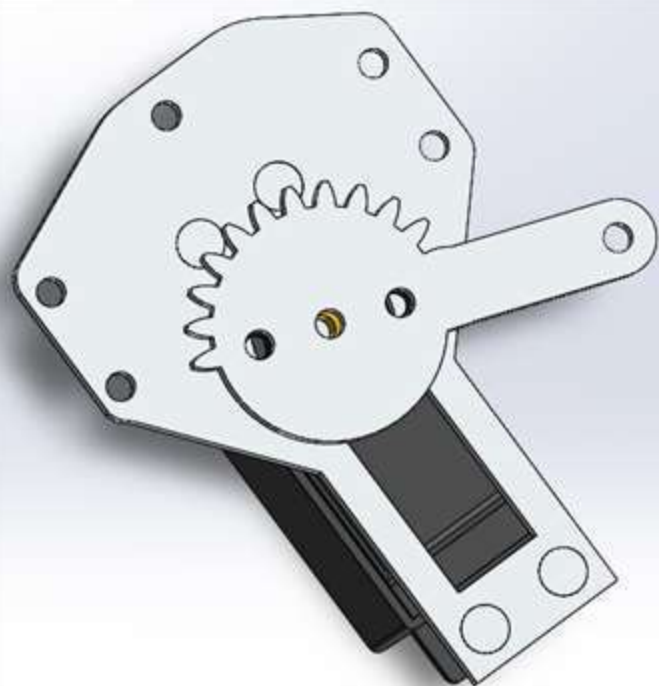
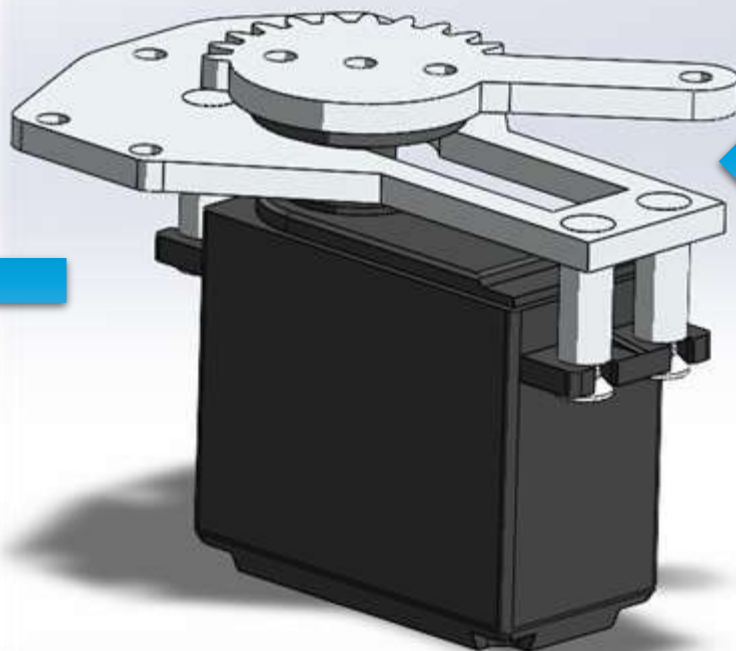
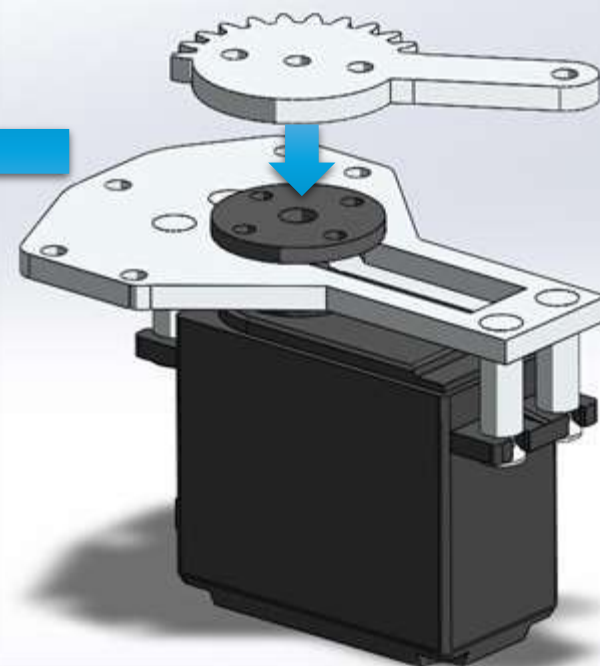
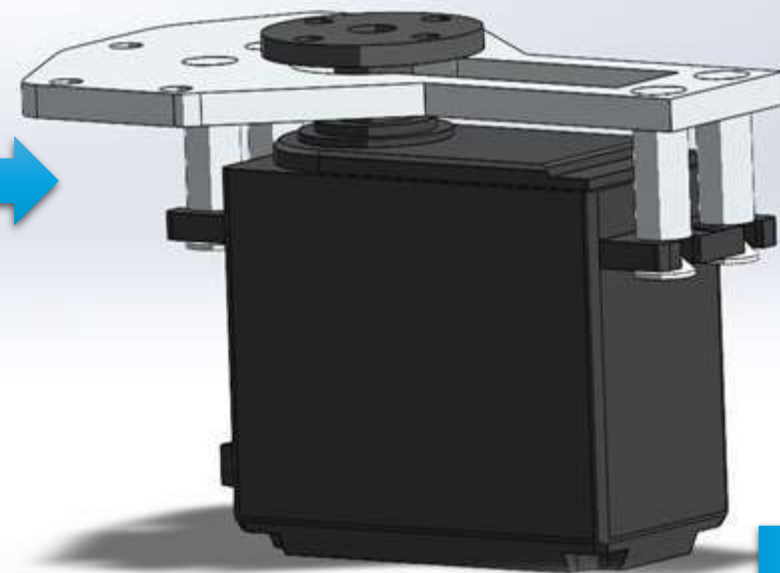
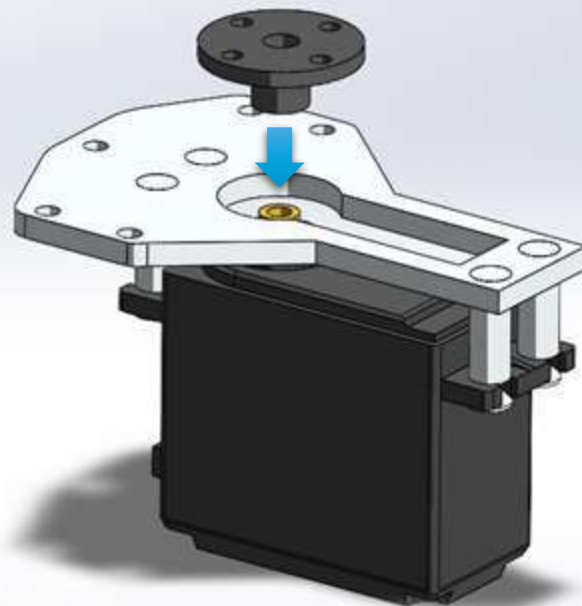
Top side

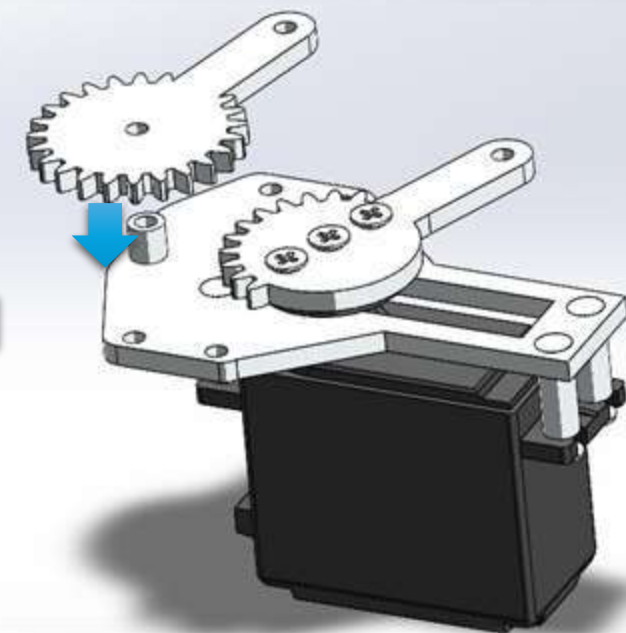
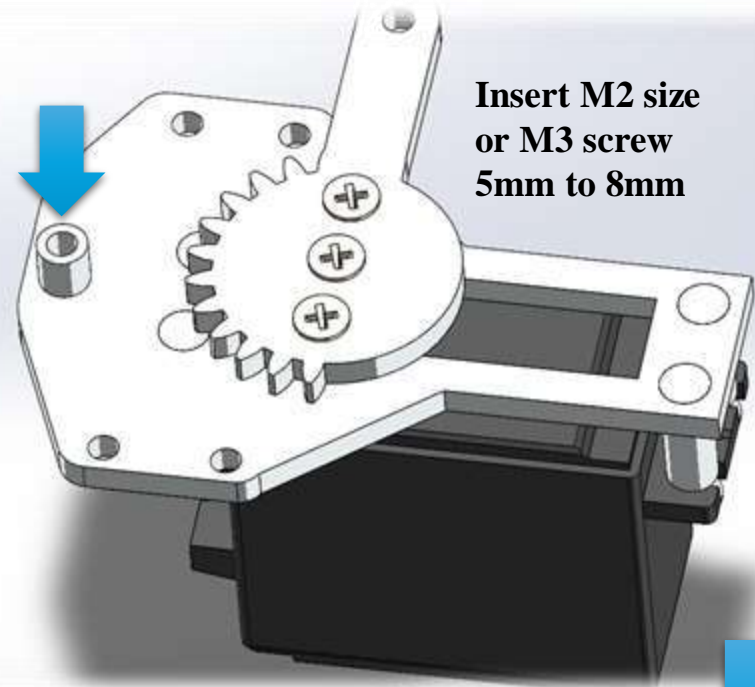
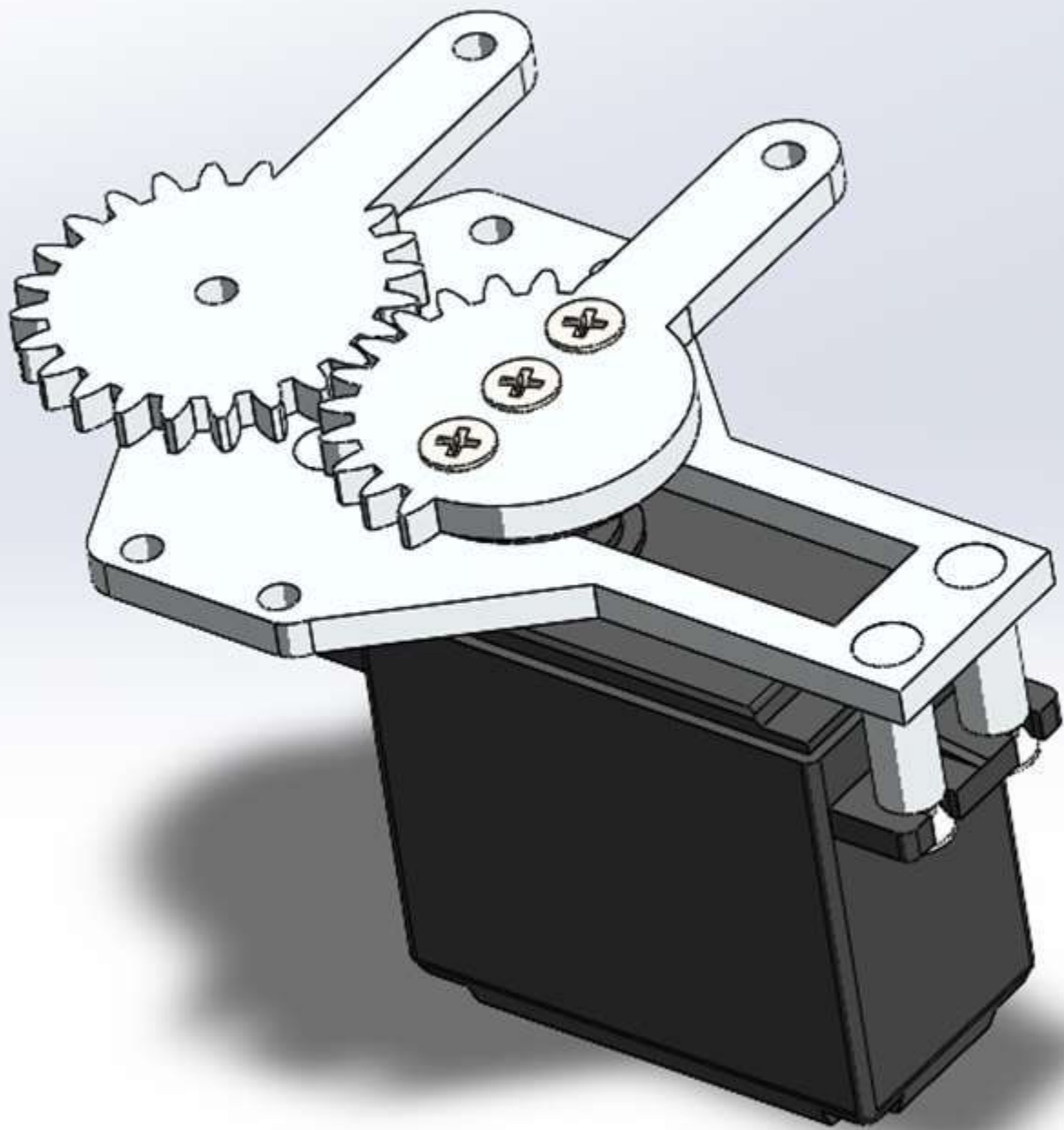


Servo\_motor  
mg995 or  
mg996



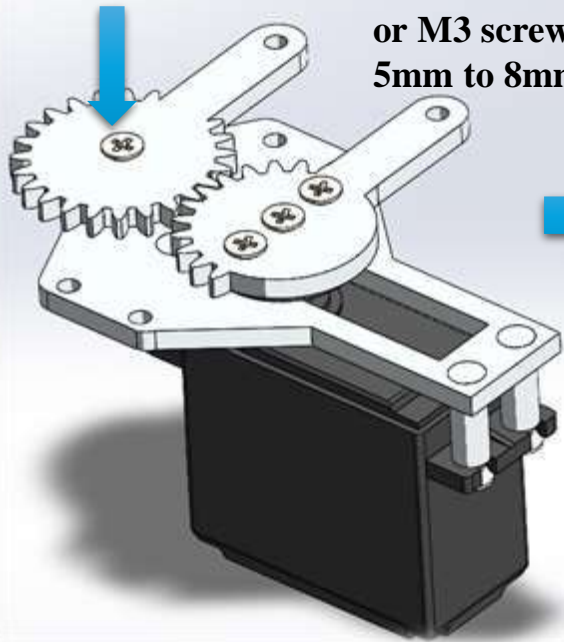
Insert M3 size  
screw 5mm to  
8mm



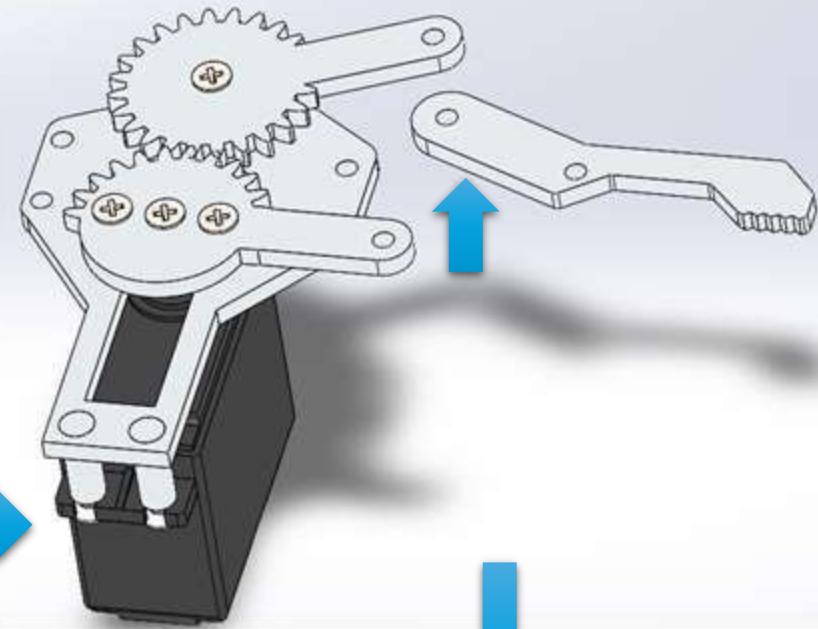
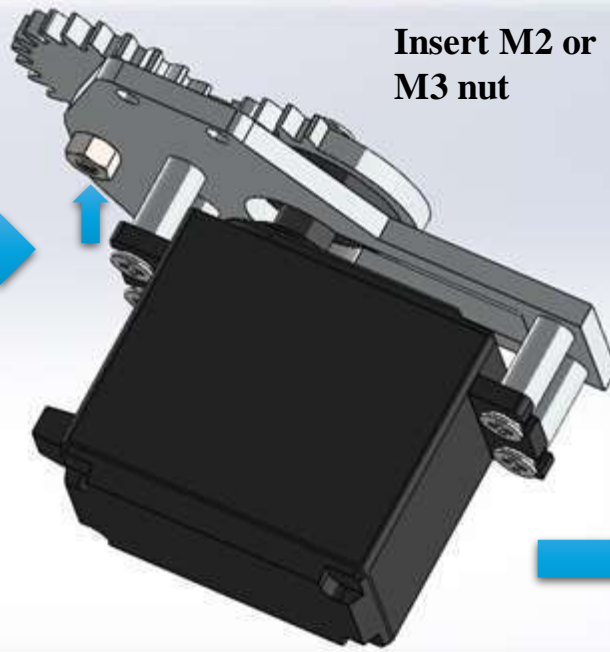




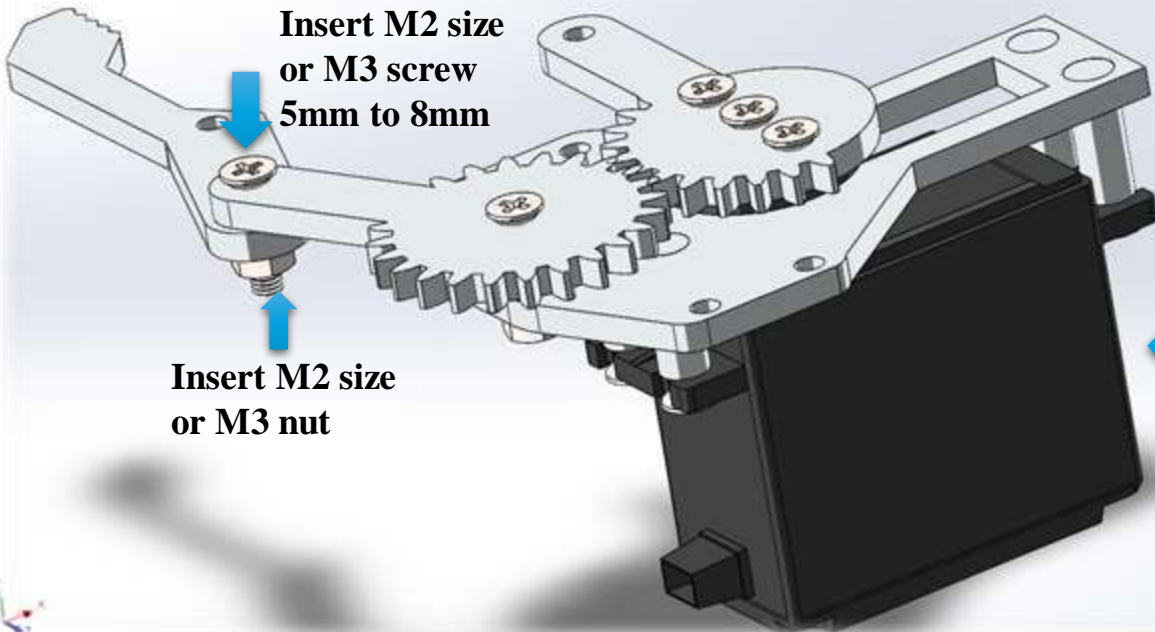
**Insert M2 size  
or M3 screw  
5mm to 8mm**



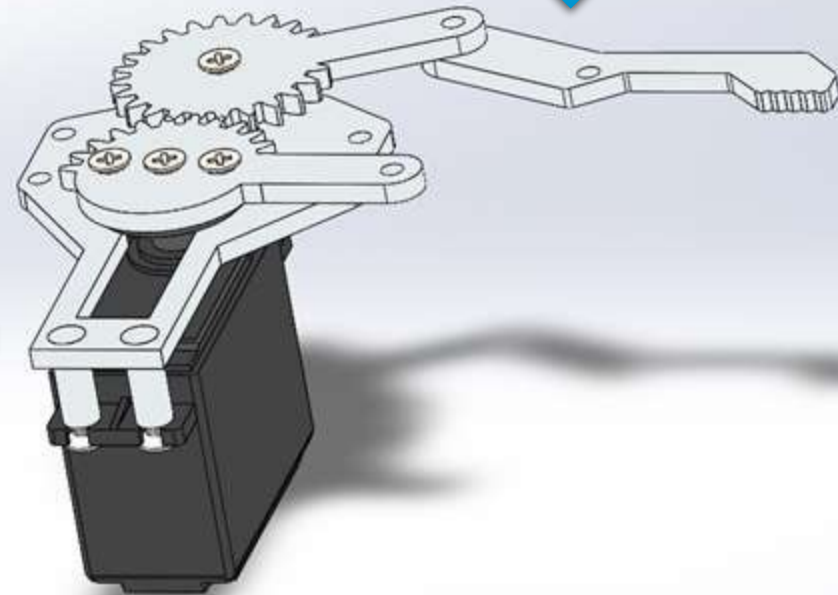
**Insert M2 or  
M3 nut**



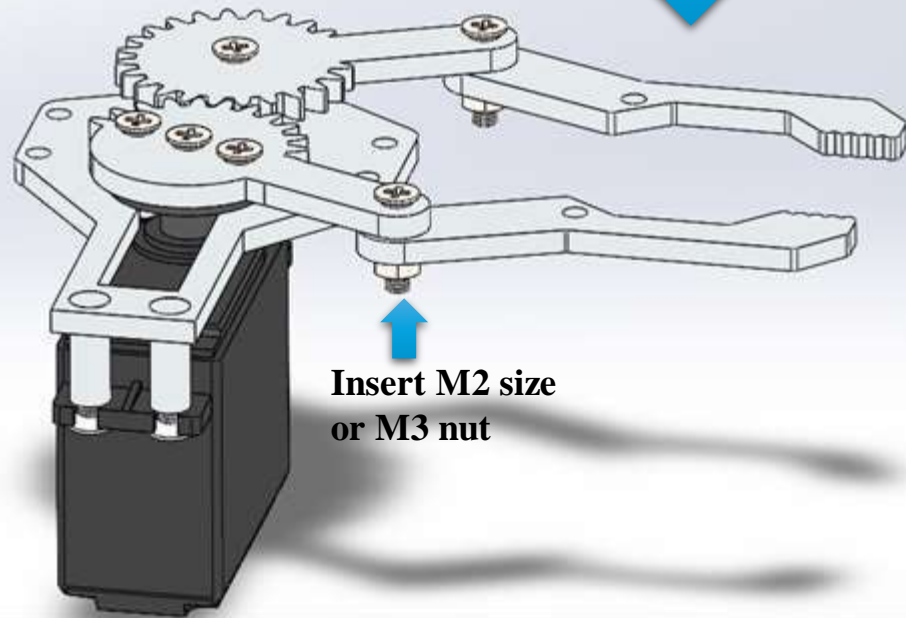
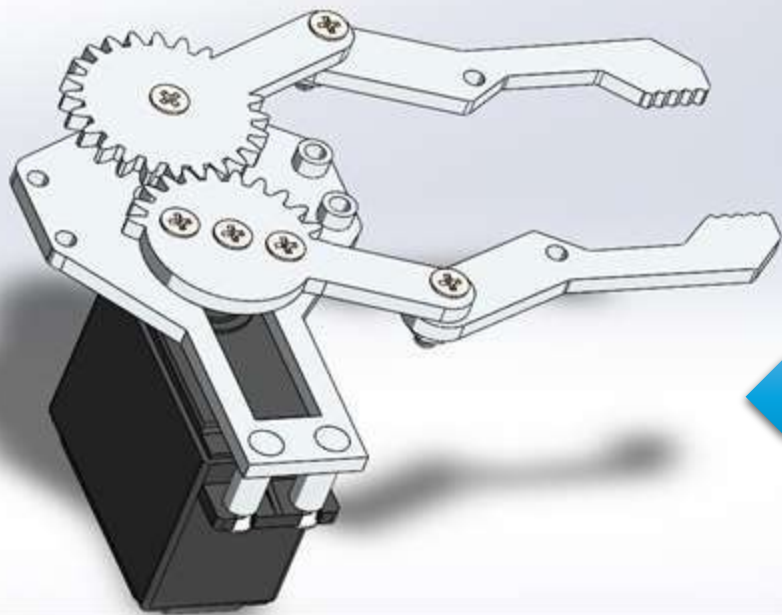
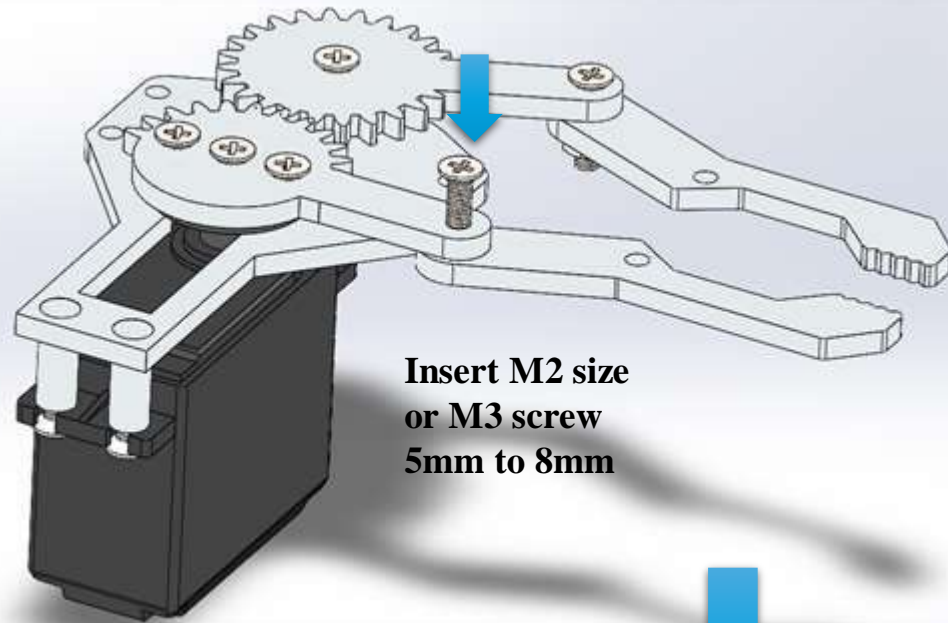
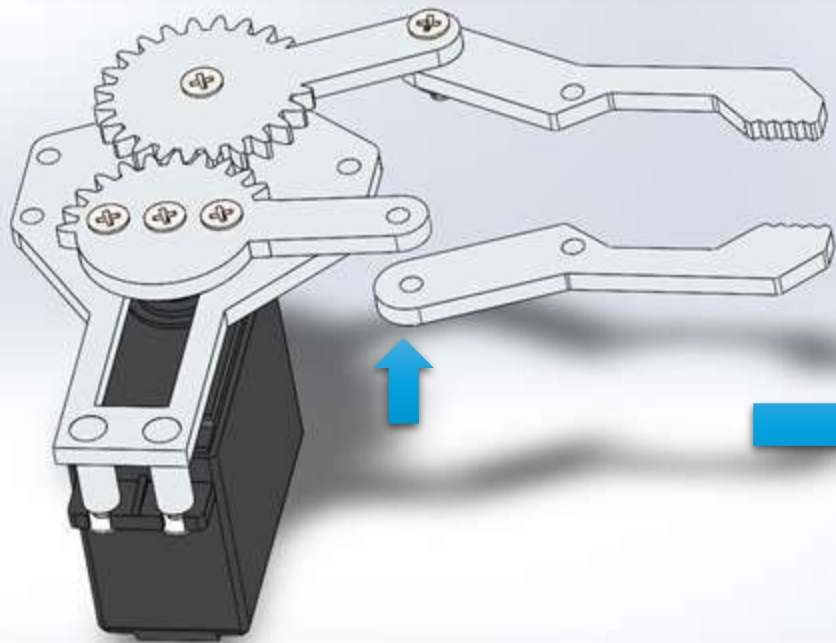
**Insert M2 size  
or M3 screw  
5mm to 8mm**

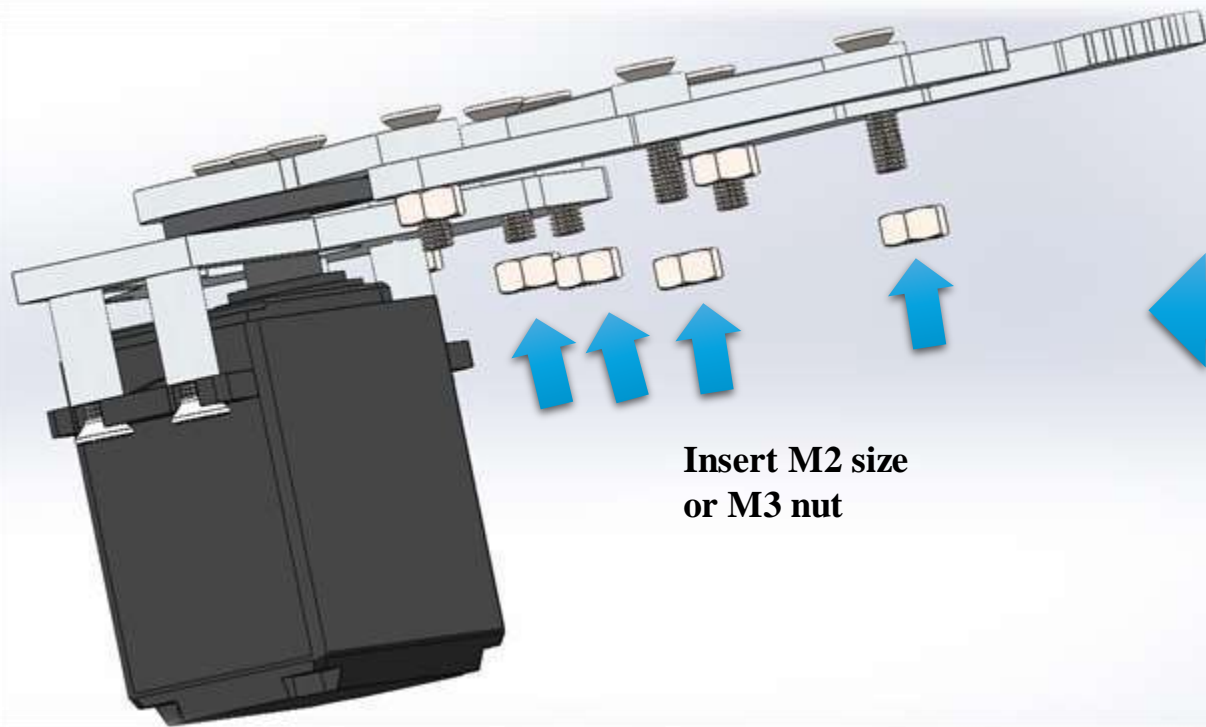
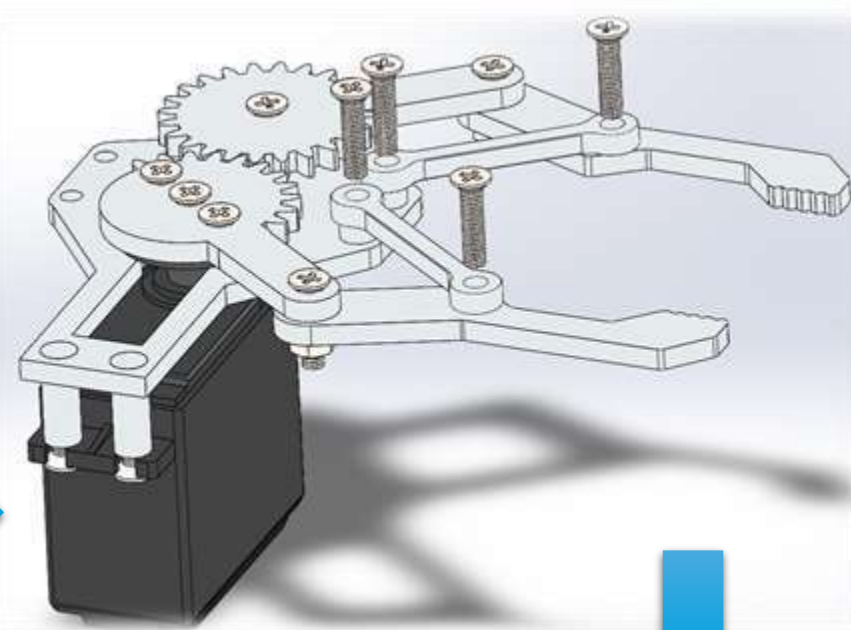
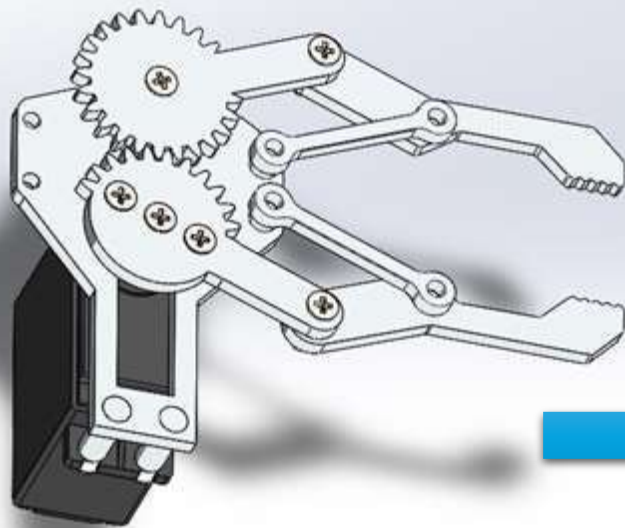
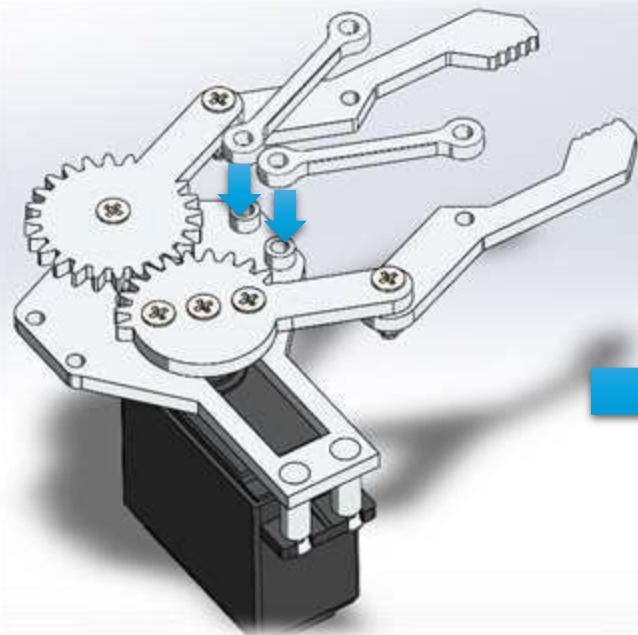


**Insert M2 size  
or M3 nut**

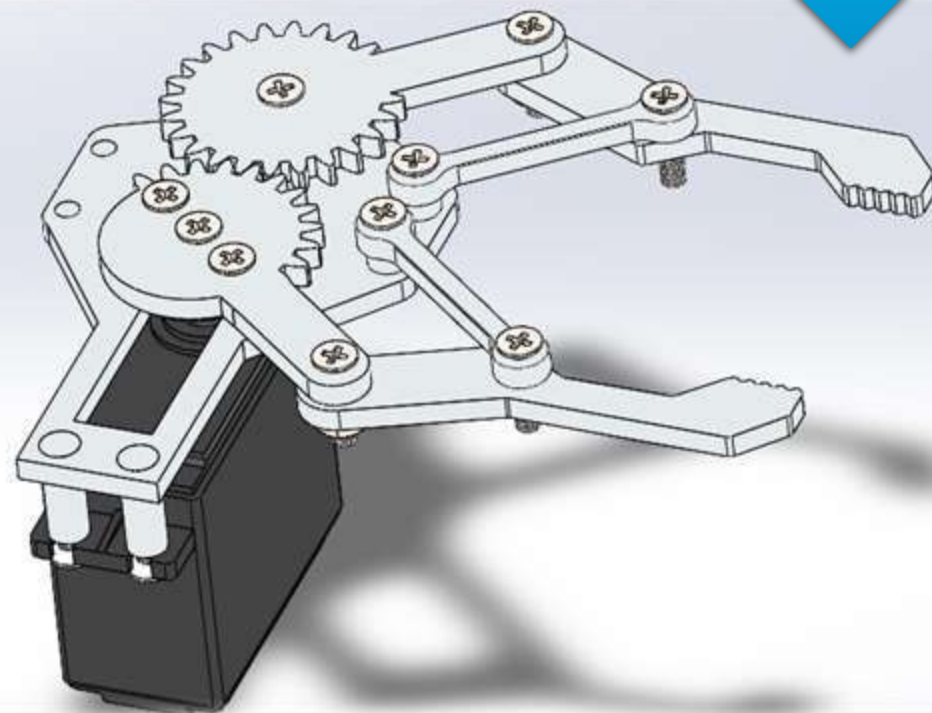




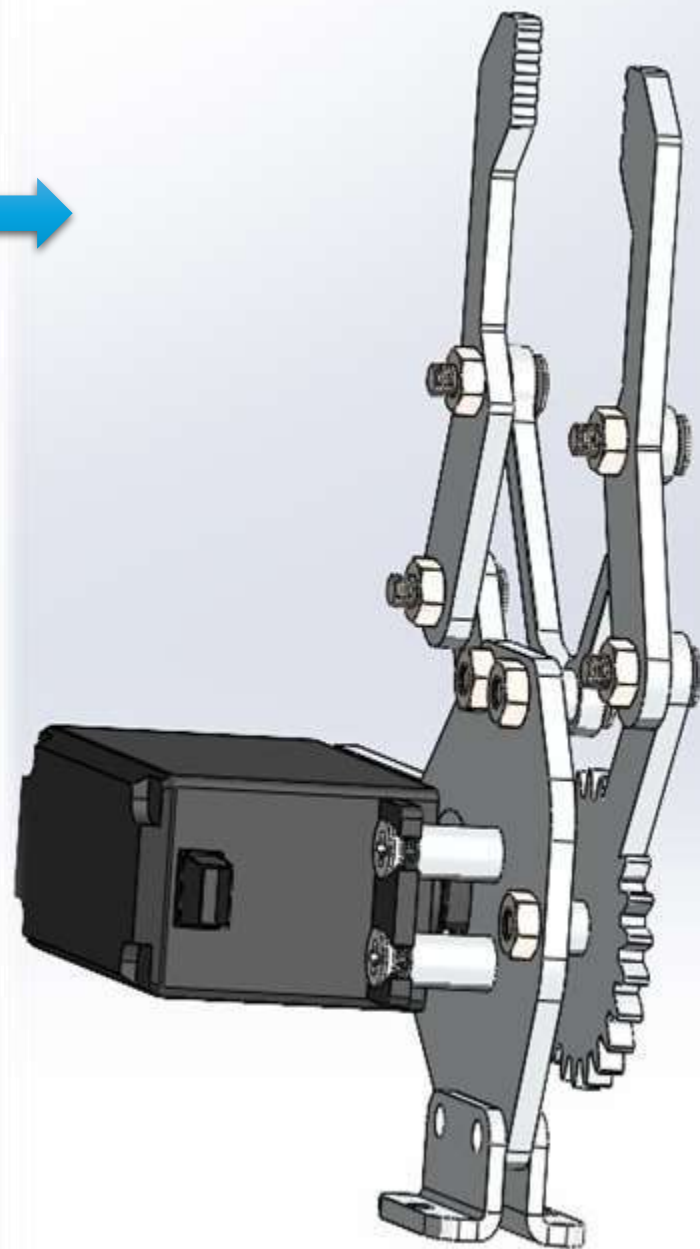
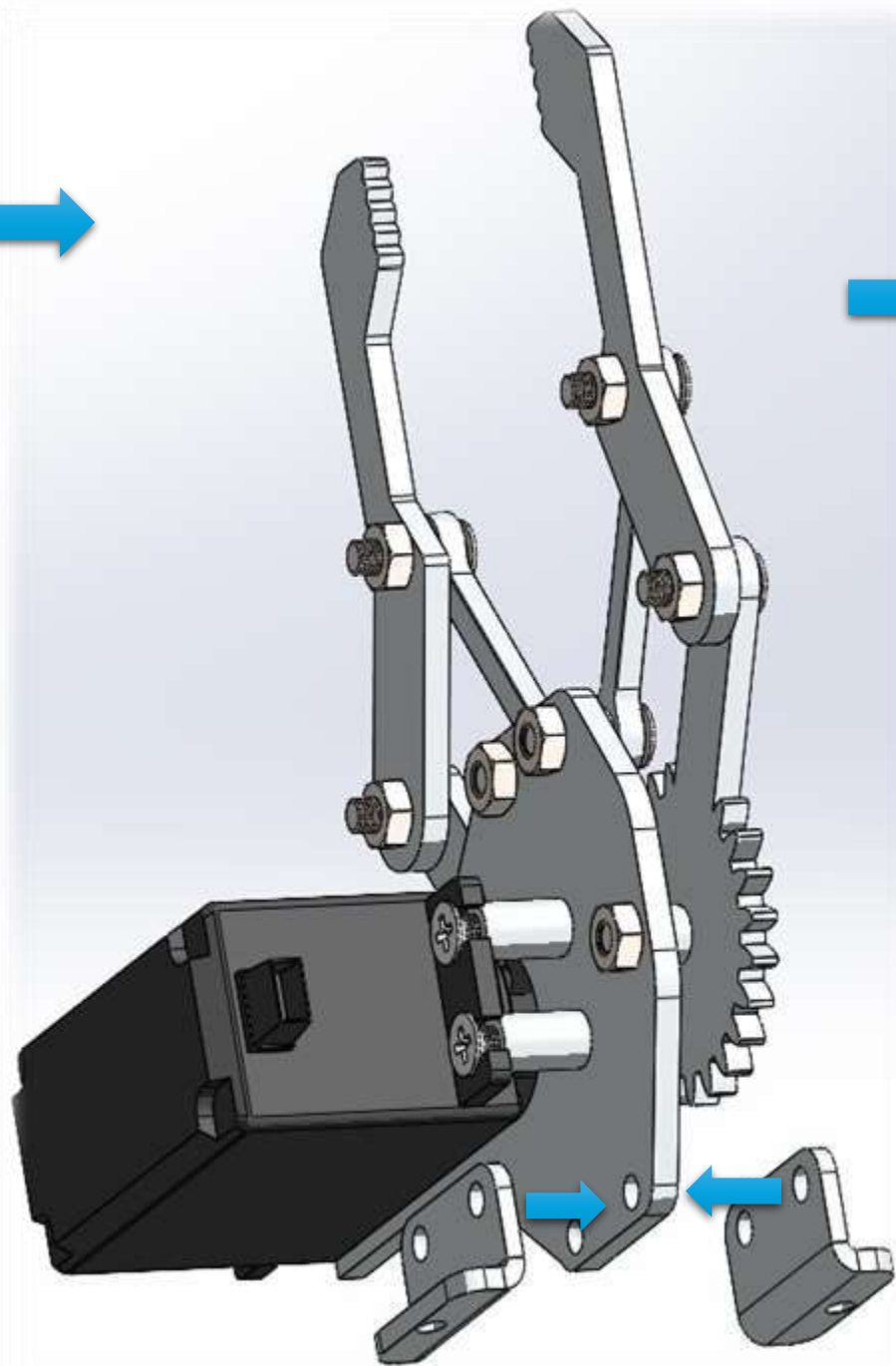
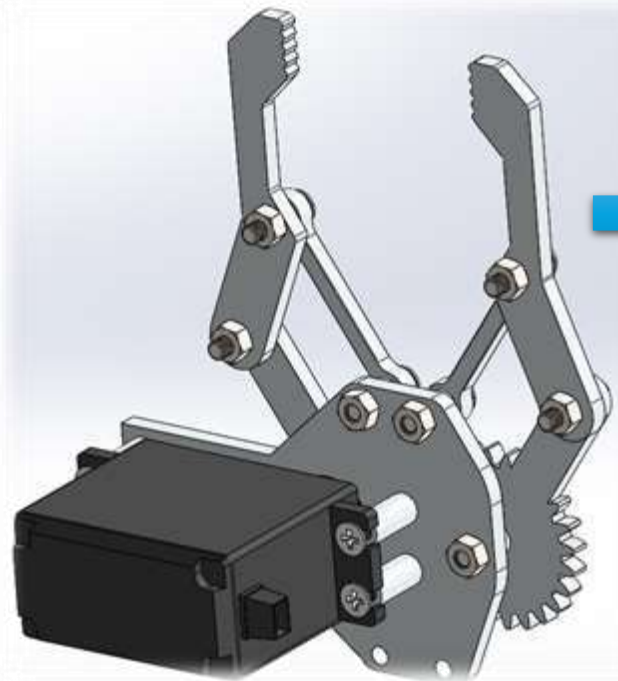


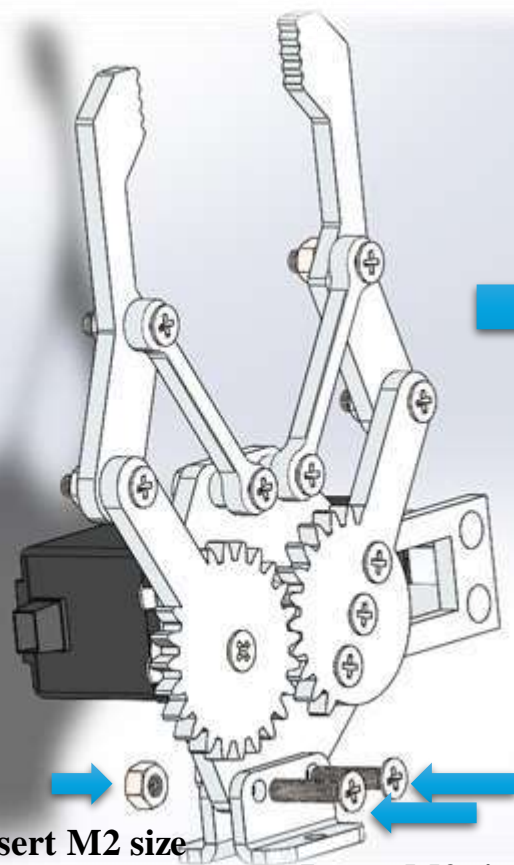


Insert M2 size  
or M3 nut



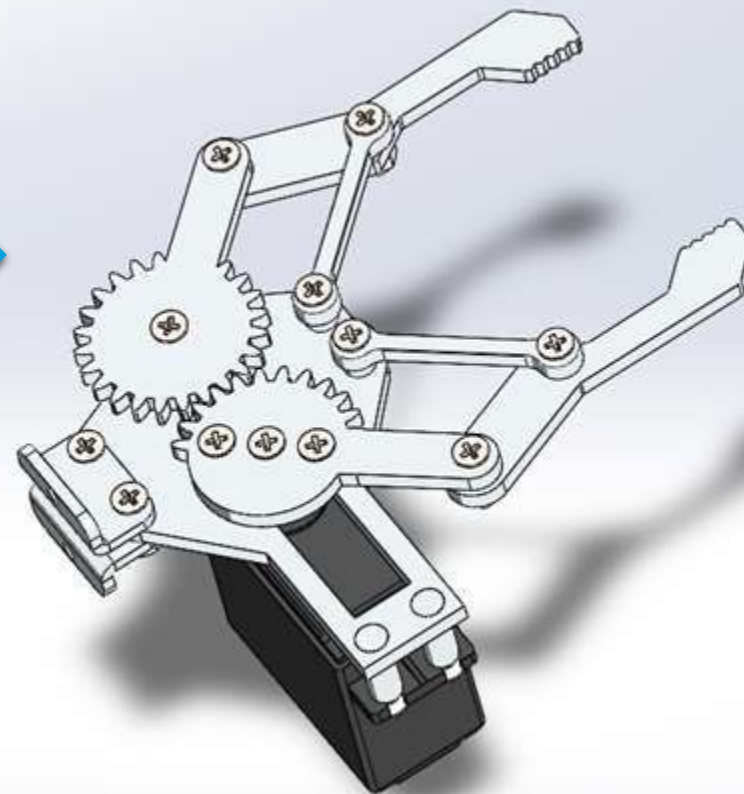
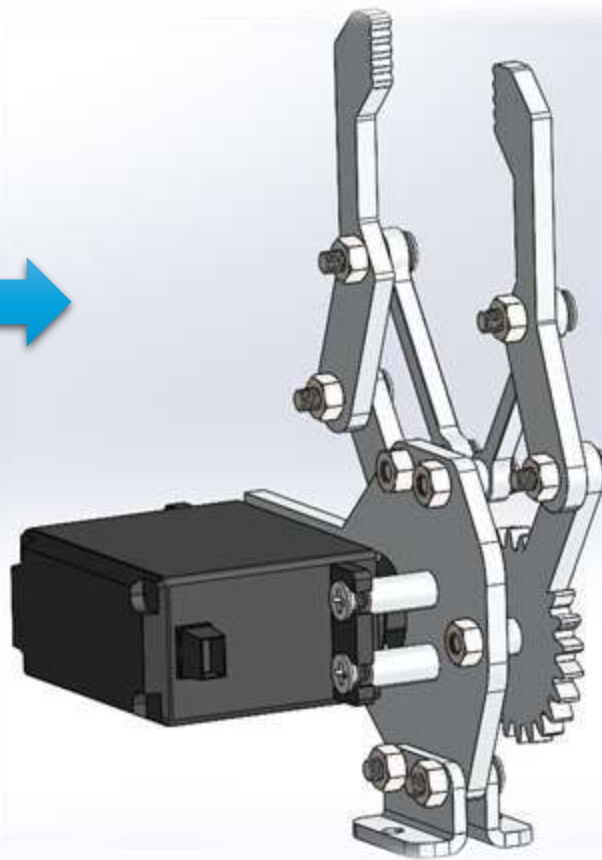




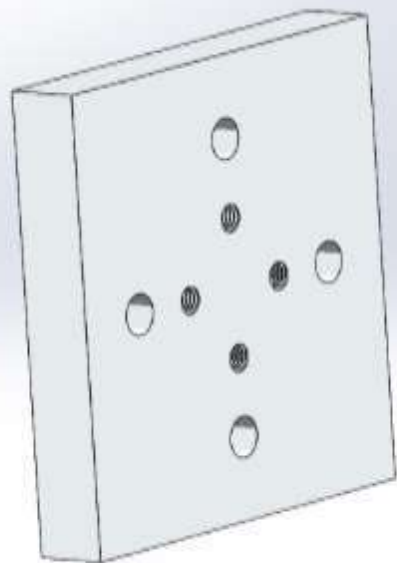


Insert M2 size  
or M3 nut

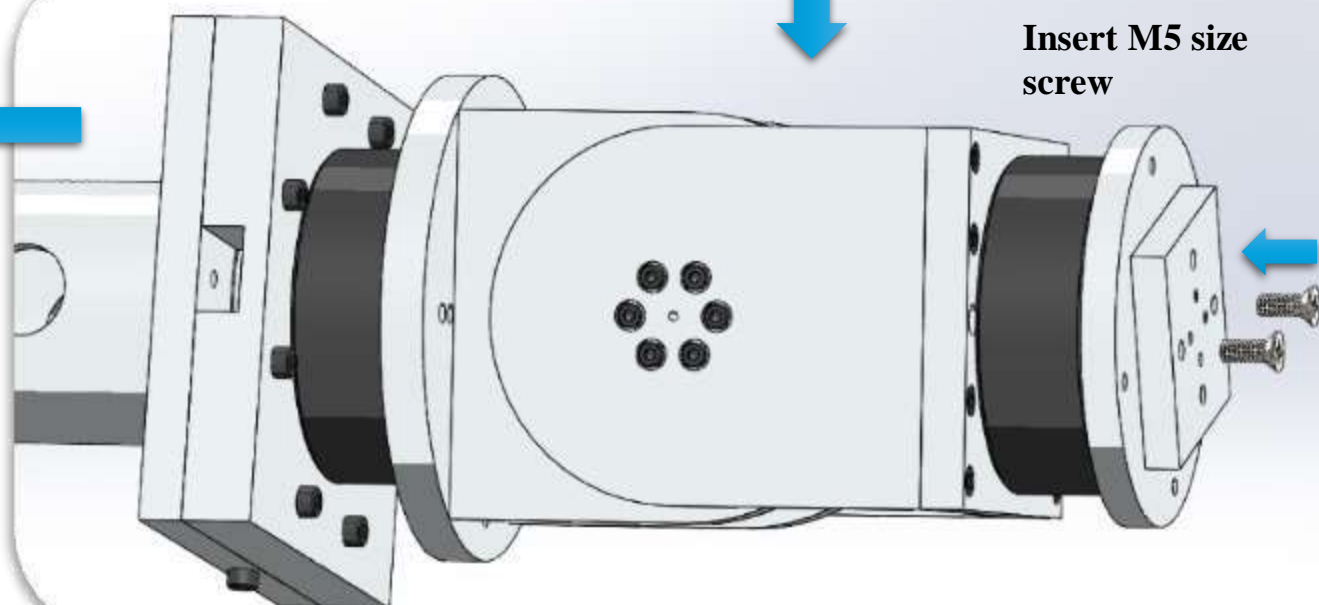
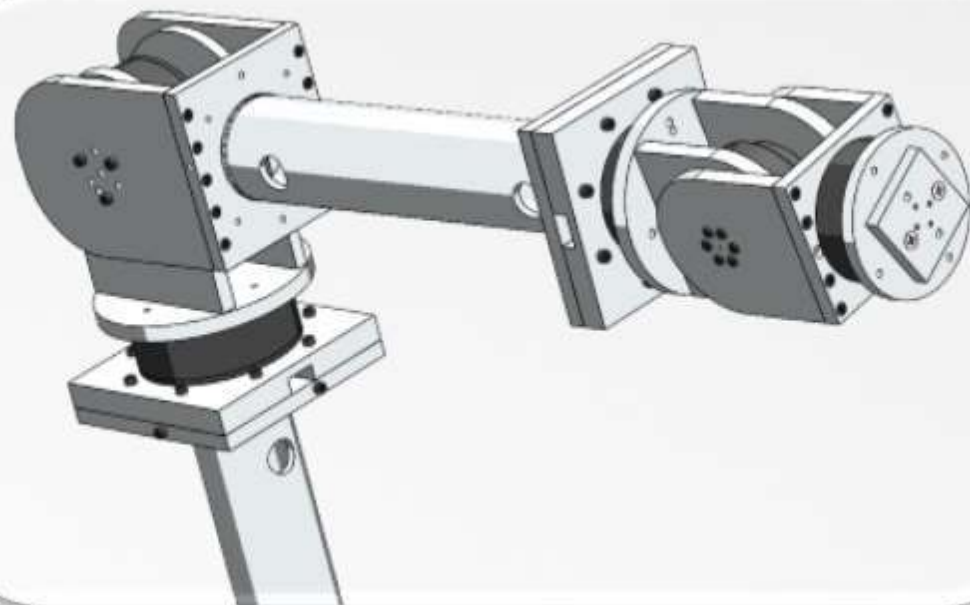
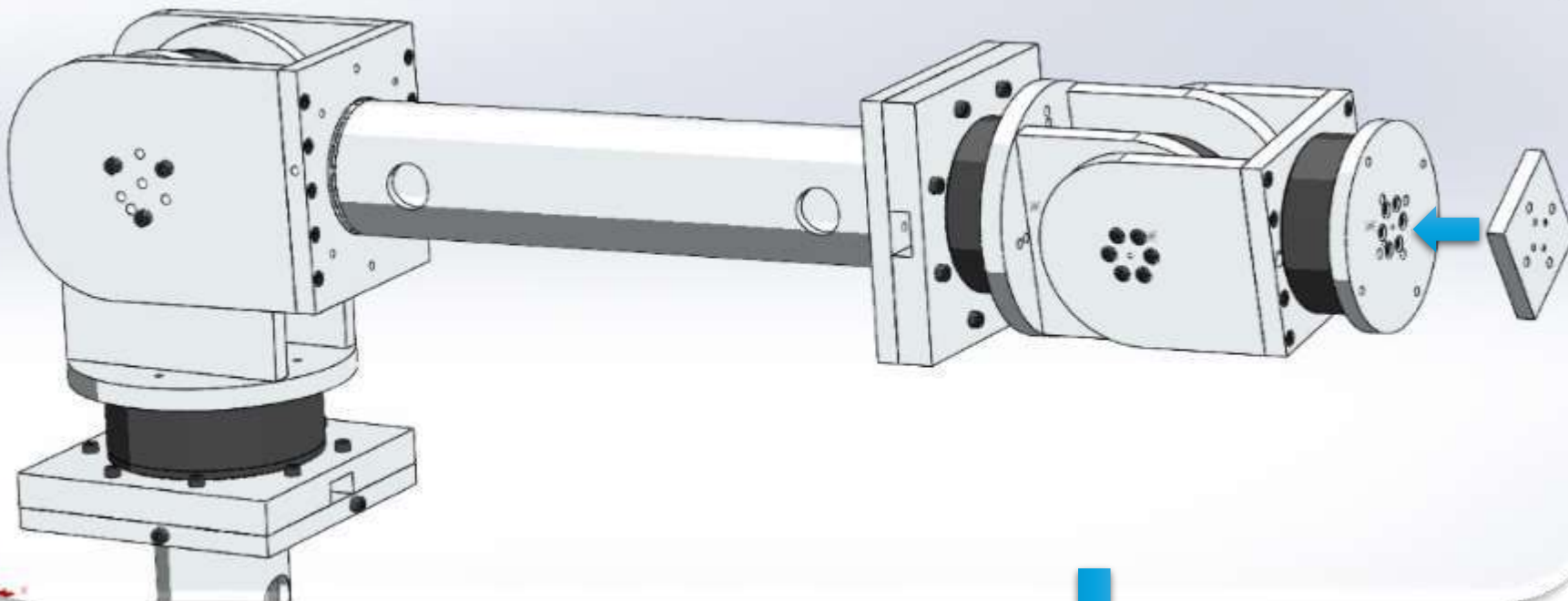
Insert M2 size  
or M3 screw







End\_effector  
basepart



Insert M5 size  
screw

