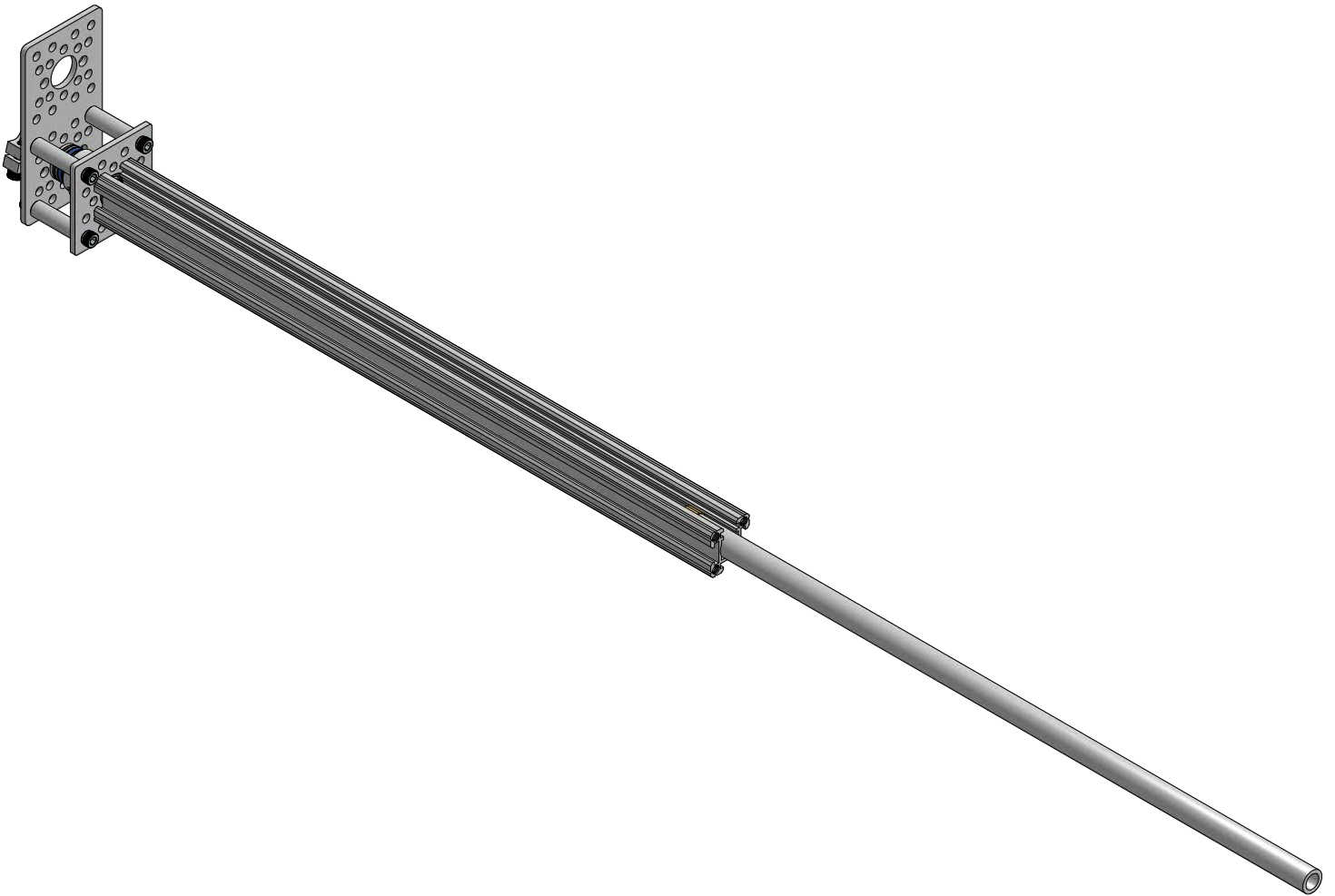
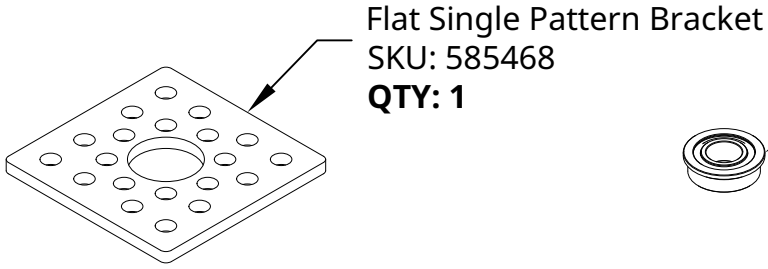


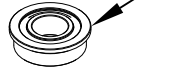
Assembly Instructions for  
Actobotics® Linear Actuator Kit  
637215



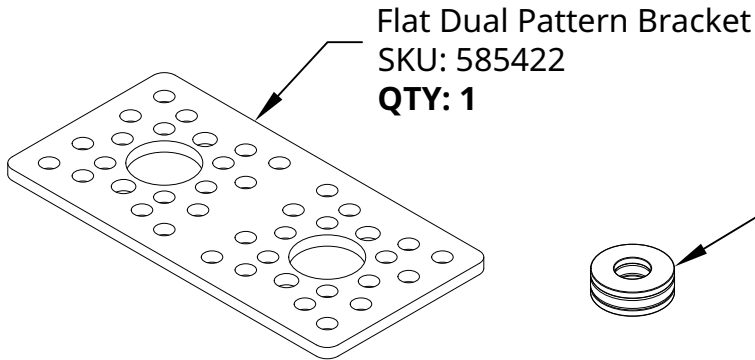
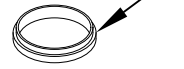
# Kit Contents



6mm ID x 12mm OD Flanged Ball Bearing  
SKU: 535220  
**QTY: 2** (one 2 pack)



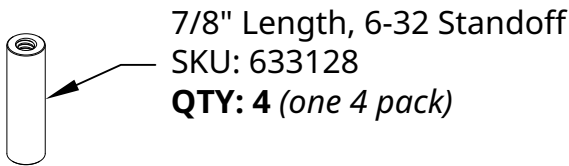
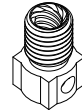
1/2" - 12mm Hole Reducer  
SKU: 633142  
**QTY: 4** (one 4 pack)



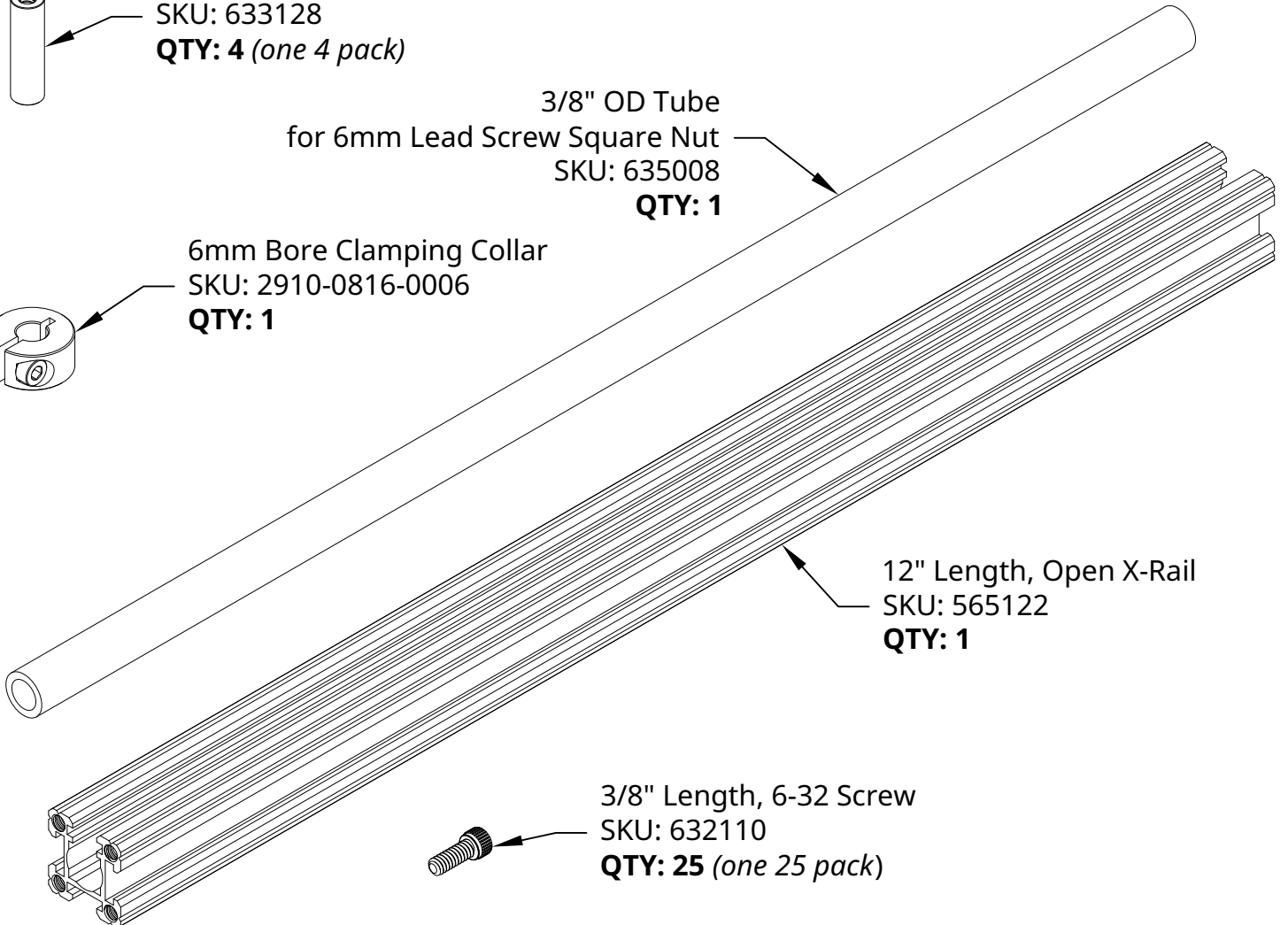
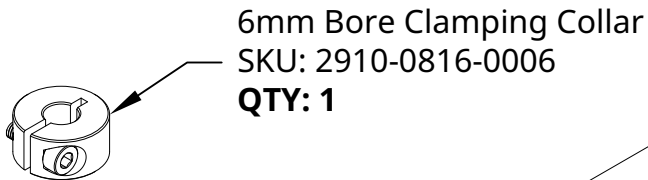
6mm ID Thrust Bearing  
SKU: 6655K52  
**QTY: 2**



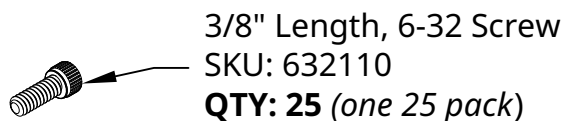
6mm Lead Screw Square Nut  
SKU: 545306  
**QTY: 1**



3/8" OD Tube  
for 6mm Lead Screw Square Nut  
SKU: 635008  
**QTY: 1**

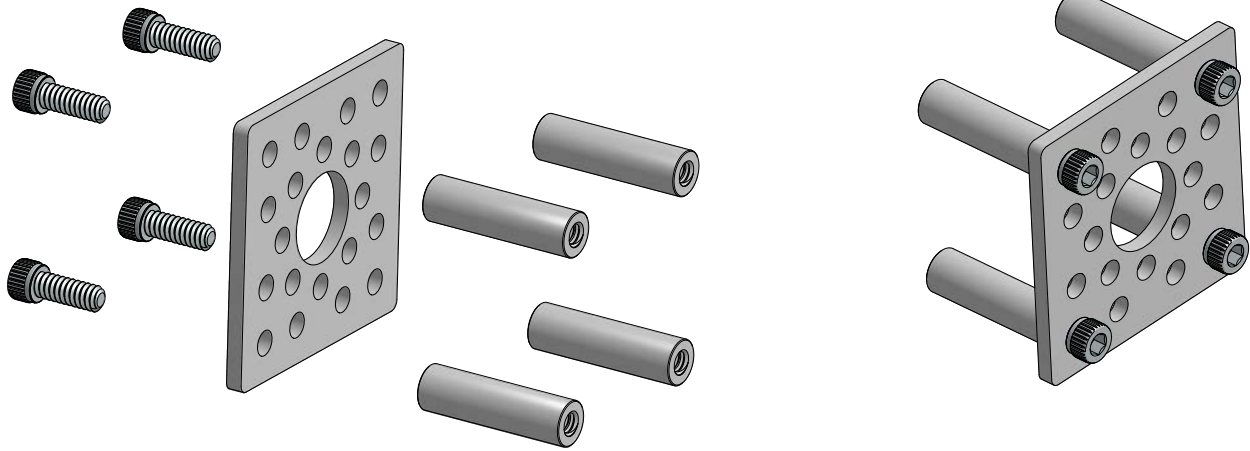


12" Length, Open X-Rail  
SKU: 565122  
**QTY: 1**



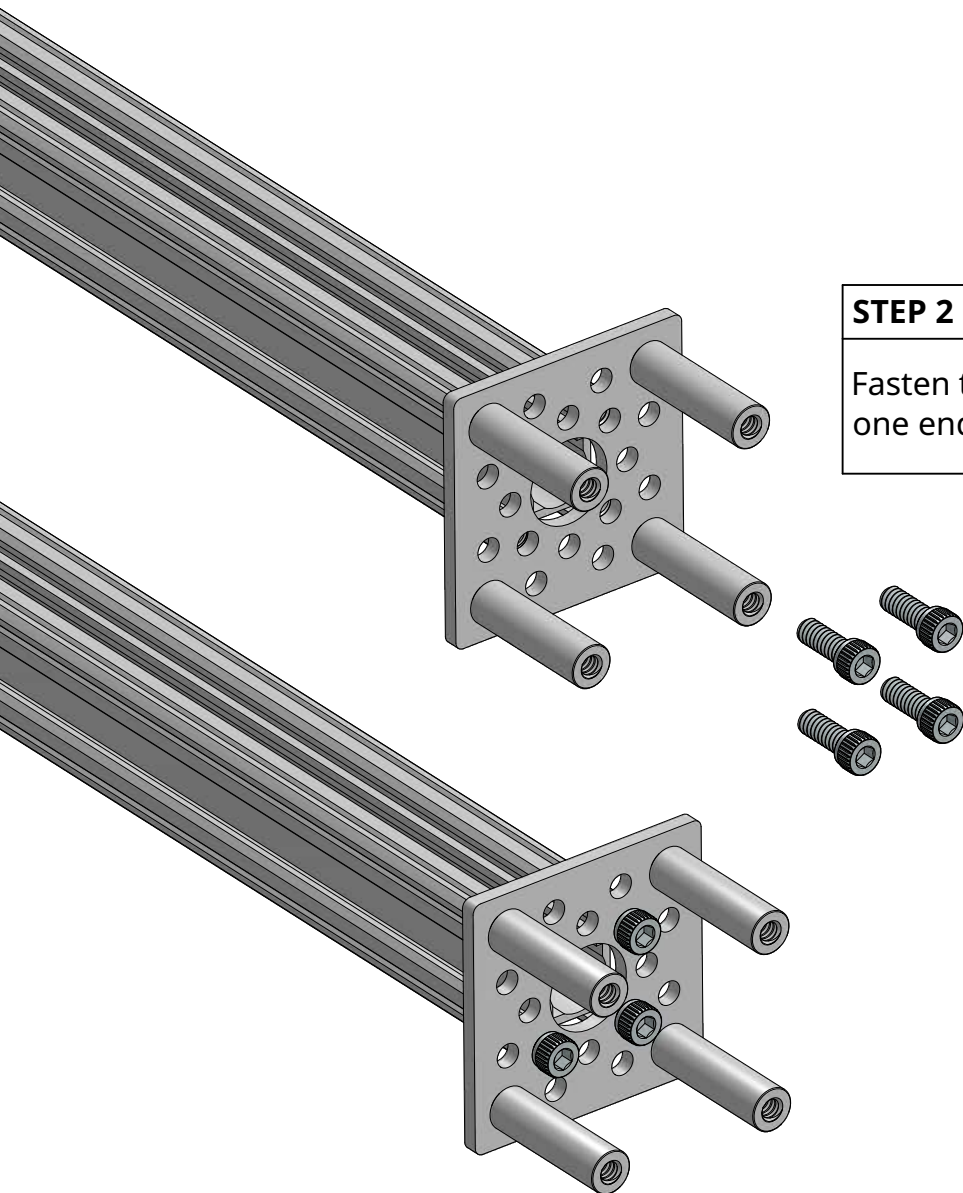
**STEP 1**

Attach the four standoffs to the Flat Single Pattern Bracket.



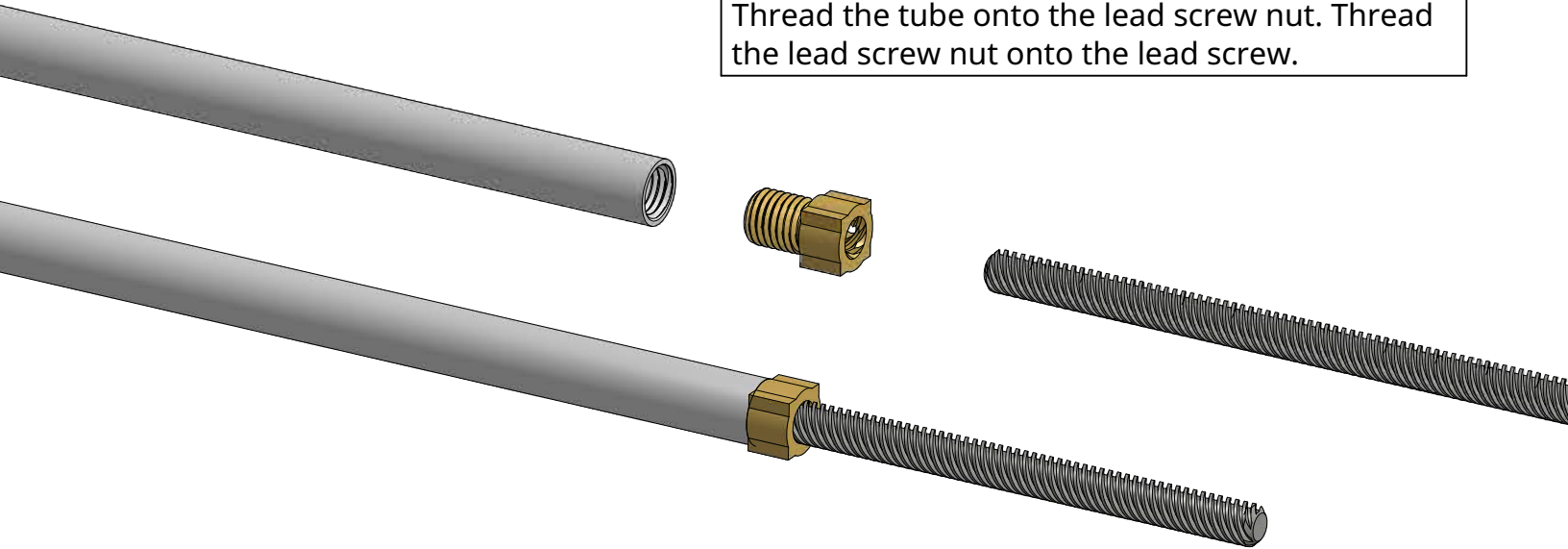
**STEP 2**

Fasten the Flat Single Pattern Bracket to one end of the Open X-Rail.



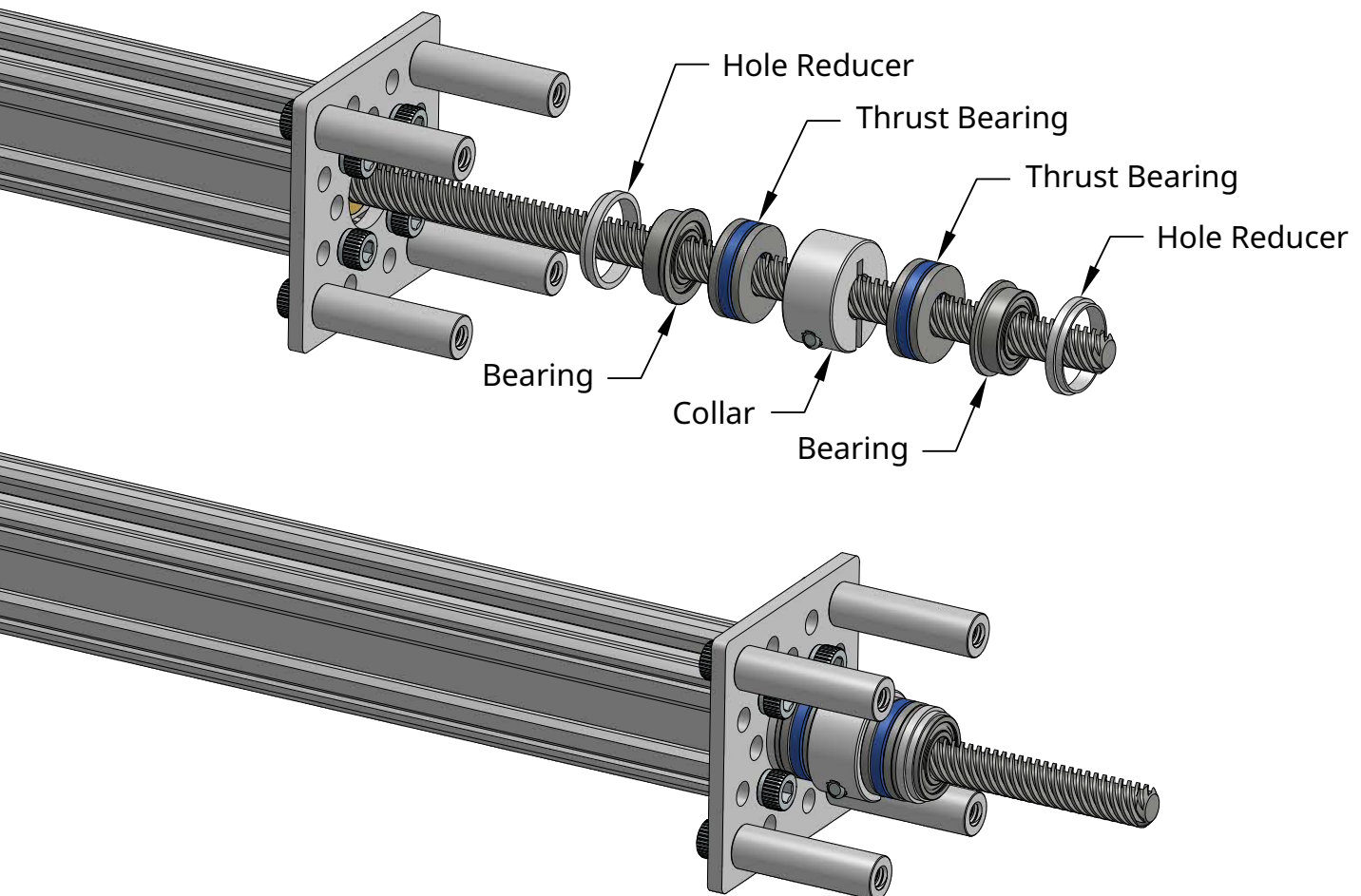
### STEP 3

Thread the tube onto the lead screw nut. Thread the lead screw nut onto the lead screw.



### STEP 4

Place the lead screw / nut / tube assembly into the Open goRAIL from the side without the pattern plate. Install the components shown below onto the lead screw, paying close attention to the orientation and order of the parts. Do not yet tighten the collar's pinch bolt.



## STEP 5

Attach the Flat Dual Pattern Bracket to the standoffs. It will capture the bearings/collar/hole reducers. Slide the hub onto the lead screw, and tighten the pinch bolt. Tighten the pinch bolt on the clamping collar as well and you are done assembling this kit. Note that this kit does not include a motor, motor mount or gears. Please refer to the Build Ideas on the product page for example setups.

