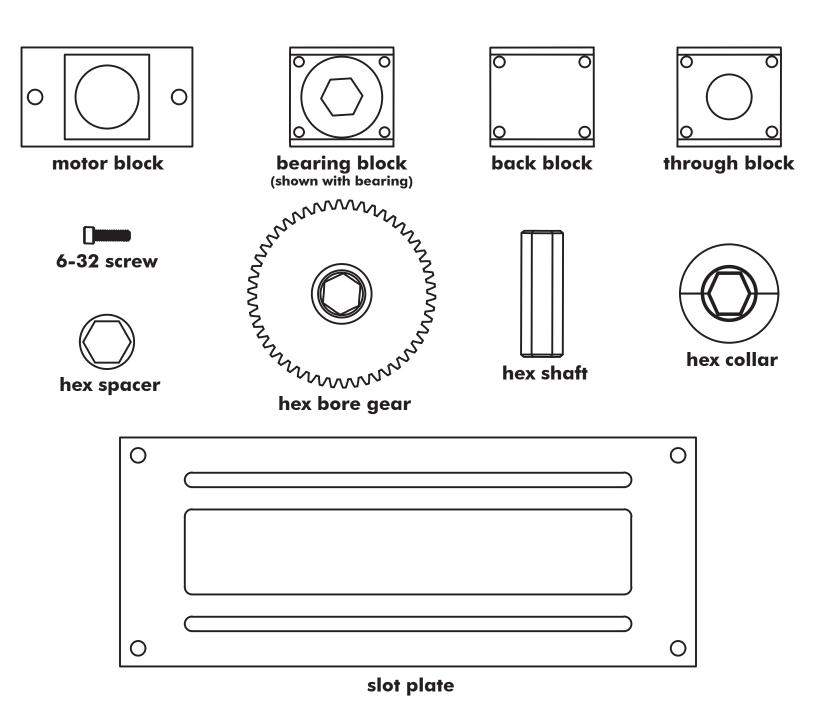


This guide is an intro of the components that make up the modulox system. We hope that after reading this you will further understand the modulox system.

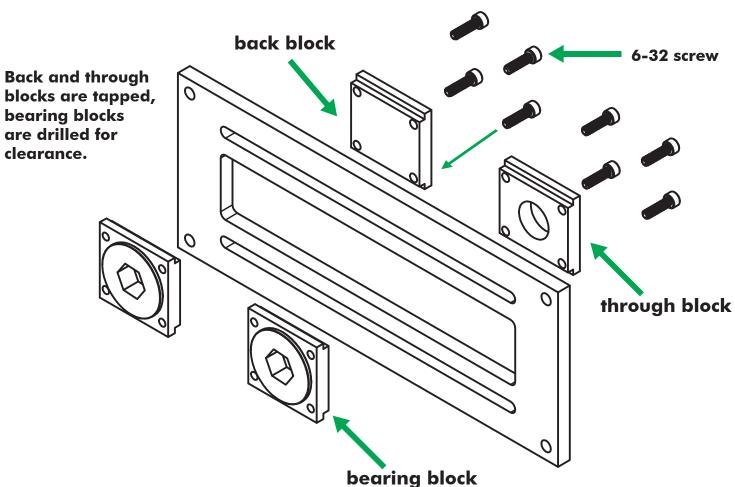


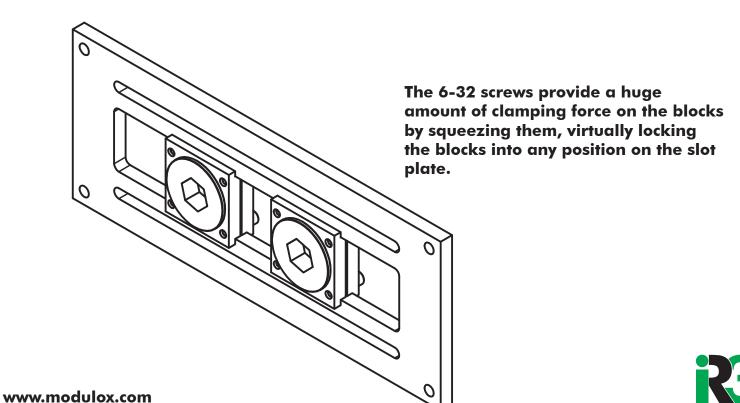
Here are the basic components that make up the modulox system. There are a variety of machined aluminum blocks, these parts are precision machined to work with the modulox system. All modulox parts use standard hex shaft, therefore all the gears, spacers, and collars work with each other.





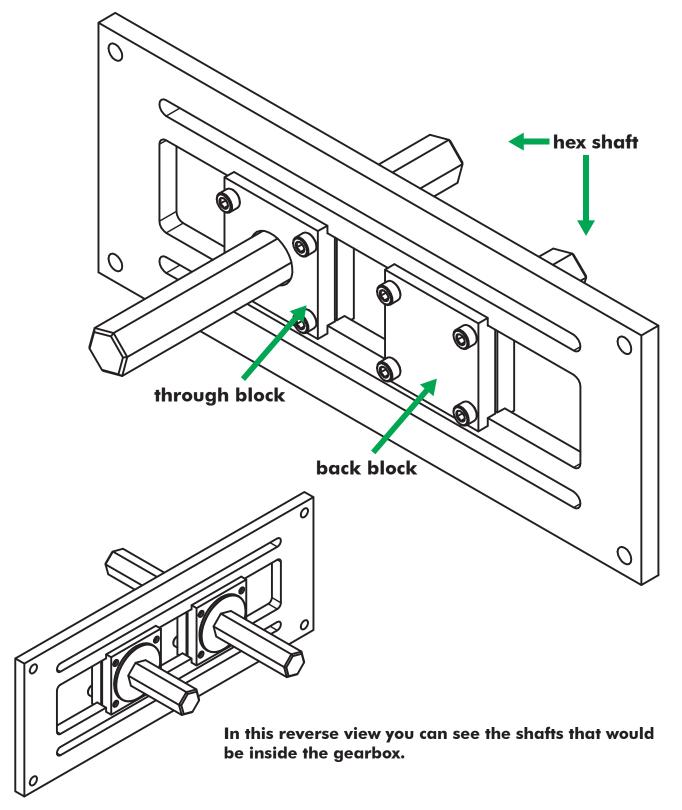
We'll begin by talking about the bearing blocks and the main support, the slot plate. The modulox system is really based around these components.







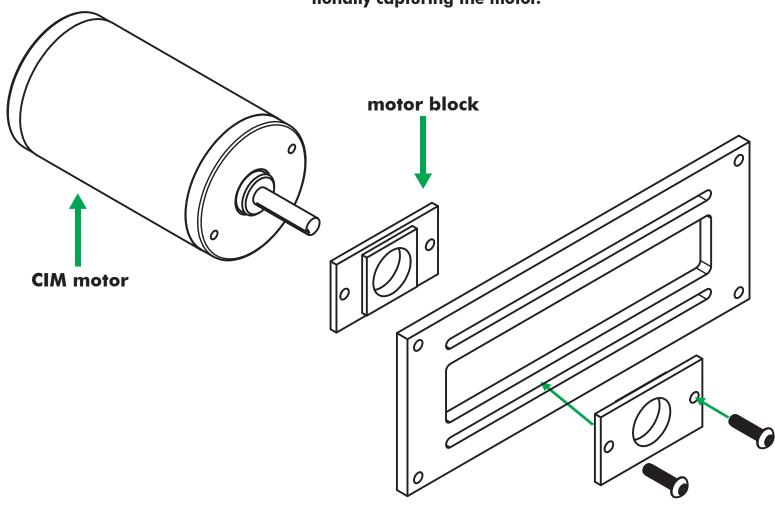
The through block allows a hex shaft to pass through the slot plate allowing for an external output shaft. Closed blocks keep the shaft captive within the gearbox.

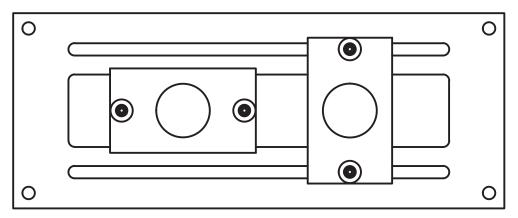






To mount a CIM motor to a modulox gearbox requires use of a pair of motor blocks. This block clamps using the same principal of the bearing blocks while additionally capturing the motor.



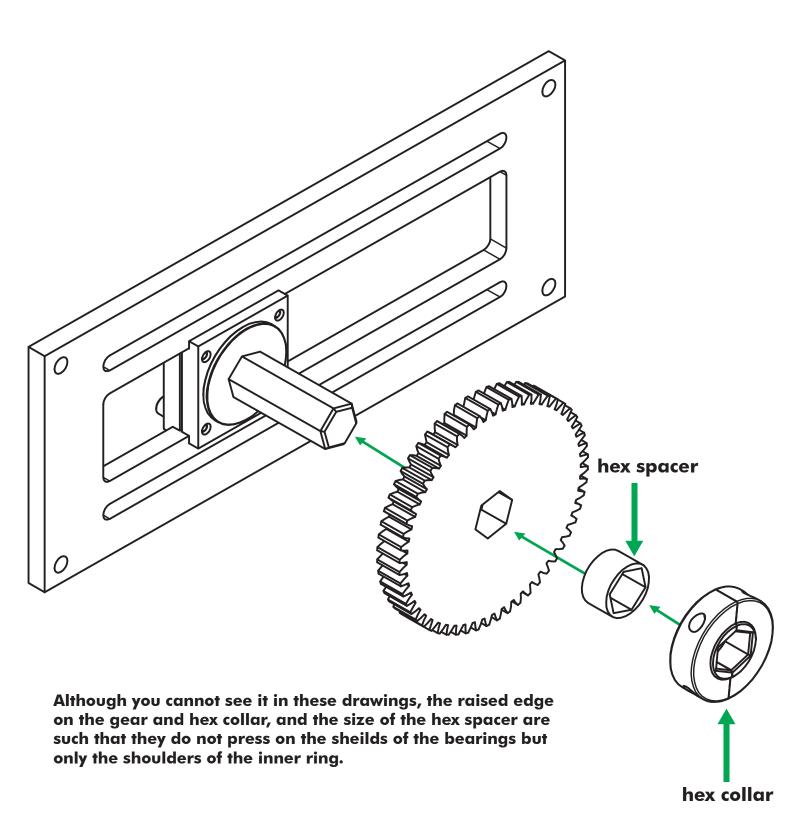


The motor block can be placed in two different orientations. The reason for the different orientations is this allows for a wider range of gears to correctly mesh with the motor output shaft.





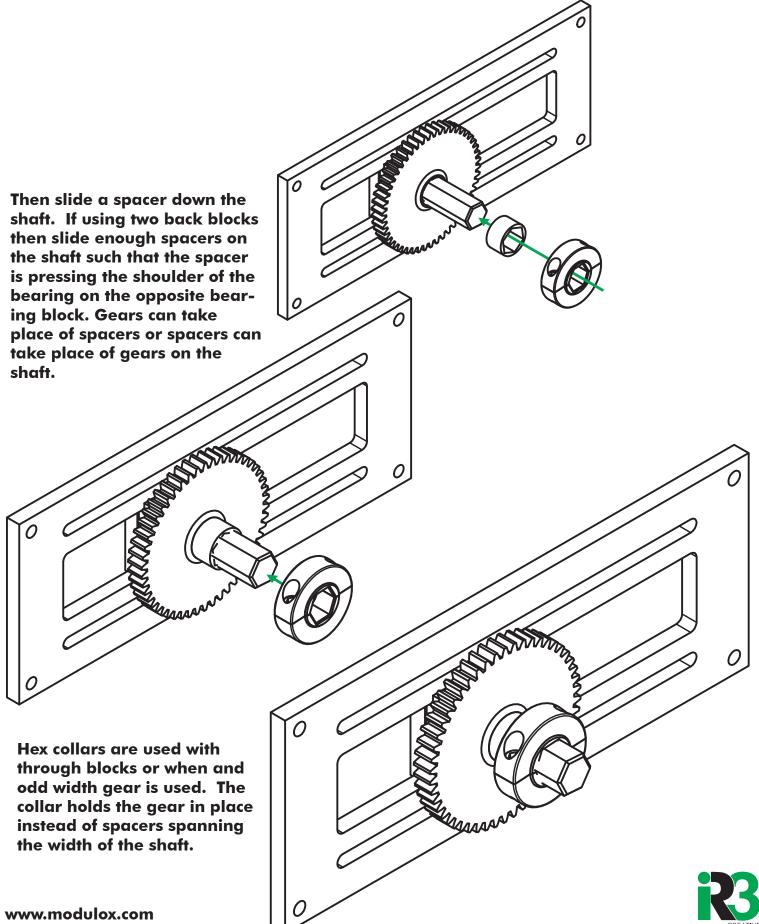
With the modulox system users can quickly assmble gear clusters. Because the modulox uses a standard width of gears and spacers modifications are simple.





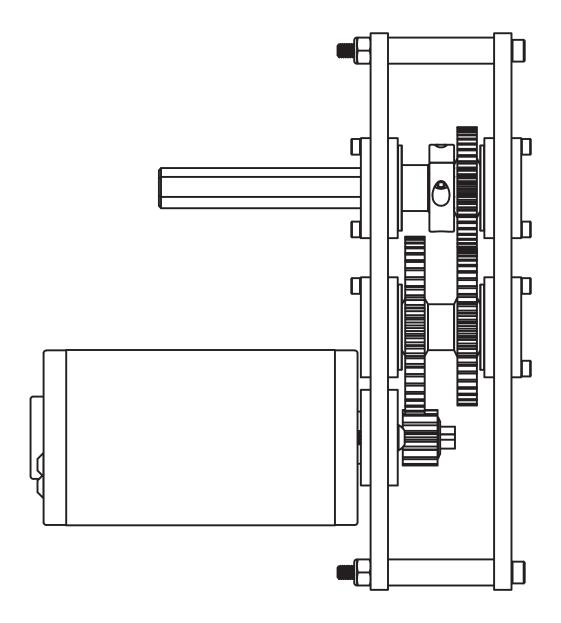


To install a gearset users must first put a hex shaft into the bearing block. Then slide a gear on the shaft until it presses against the shoulder of the bearing.

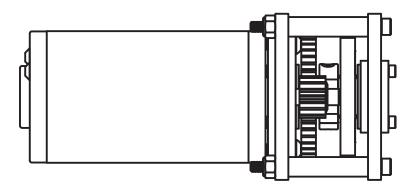




A fully assembled modulox gearbox can use as many gears as you can fit and the ratios are almost endless!



If you want more information on the modulox system or how to purchase a kit please go to www.modulox.com



THANK YOU!

