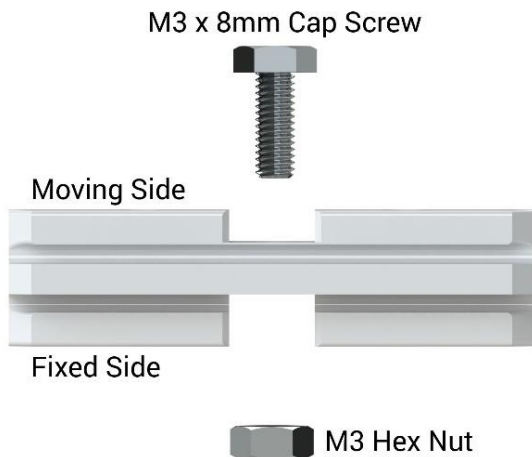


DOUBLE SLIDE ASSEMBLY

A Double Slide is comprised of two sides: the moving side and the fixed side. The fixed side of the slide houses the screw head while the moving side houses the nut.



Once inserted into the extrusion slot, the screw can be tightened to lock the slide into the desired position.



It is important to ensure that the flats of the screw are parallel with the long slide edges. If misaligned, the screw can inhibit the slide's movement.

It is also important not to over-tighten the screw. If over-tightened, the screw head can deform the plastic and also inhibit the slide's movement. It is recommended to use a small drop of thread-lock in the nut before it is inserted into the extrusion.



BASIC LINEAR STAGE

The Double Slide allows for two pieces of REV 15mm Extrusion to slide against each other. A basic linear stage is comprised of two pieces of extrusion and two Double Slides. Each piece of extrusion has one slide locked to it with it sliding on the opposite piece of extrusion as shown on the left.

An example stage is shown in the middle with both the extended and retracted states.