

Basic Assembly Tips

When assembling projects with Faztek extrusions and components, it is very important to “think ahead” and plan before starting your project. The time it takes to assemble depends greatly on the size and scope of your project; however a quick overview and basic planning can reduce time and eliminate the need to rework certain steps.

Please review the following information for help on assembling your project with Faztek framing components.

What Is Pre-Loading?

Pre-loading is a term used when describing a part (bracket, plate, etc.) which has been “loaded” with fasteners, usually a combination of screws and t-nuts. This is an important step which can save you time when assembling your project.

Pre-load Fasteners



Slide pre-loaded part into T-slot



Double and Triple T-Nuts

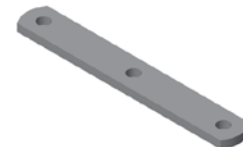
When possible, use double or triple economy T-nuts to save time and increase efficiency. These styles of T-nuts are not suitable for all applications, so look for the “FAST assembly” icons throughout the catalog for recommendations.

Double Economy T-nut



Double and Triple Economy T-nuts are available for all Faztek series extrusions.

Triple Economy T-nut

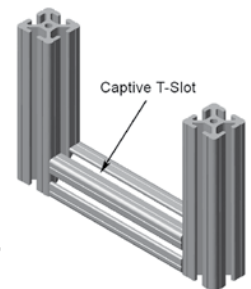


Captive T-Slots

Captive T-Slots are extrusion T-slots which have been closed off on each side due to the addition of other extrusions, accessories or any other component.

It is important that you think ahead when assembling your project to avoid closing a T-slot which must be open to accept additional fasteners and components. This is especially important when using T-nuts other than the drop-in style, which *can* be added to a captive T-slot.

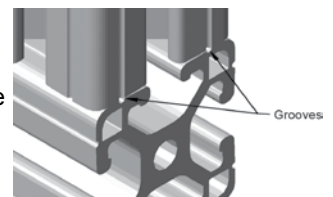
If using standard T-nuts, you may want to have a few extra drop-in T-nuts on hand in case of an “emergency” for quick fixes.



Captive T-Slot
(no access from sides)

Aligning Extrusions

Aligning extrusions properly ensures a clean aesthetic look and proper assembly. When connecting extrusions, align the grooves on each profile to make a clean 90° connection. Grooves are not available on all profiles.



Aligning Extrusions with Grooves

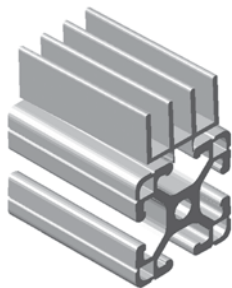
Ball End Allen Wrench

When assembling extrusions using anchor fasteners, use a ball end allen wrench to allow tightening at an angle.

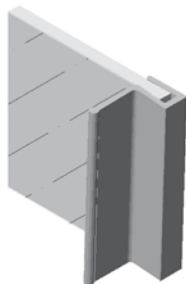


Use Soft Face Mallets

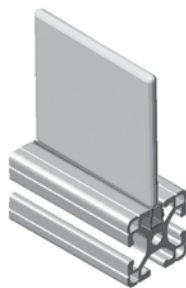
Use a soft face mallet when installing the following accessories:



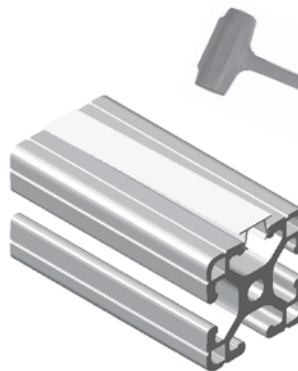
Door Track



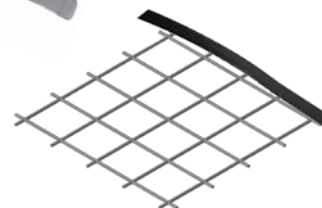
Panel Stiffener



U-Shaped
Panel Gasket



T-Slot Cover



Wire Edging

Proper Torque

To get proper torque on fasteners, use an “L” wrench and a cheater pipe for greater leverage.



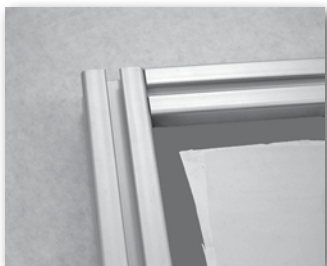
Rubber Gasket

When installing rubber panel gasket, start and finish with a 45° cut. Also snip the back surface when continuing through corners.



Panel Installation

Before installing panels with a protective covering, cut back the film approximately one inch around the perimeter to temporarily protect from scratches.



Rubber Door Seal

When installing rubber door seal, start one side in the T-slot and work your way toward the other end. Push firmly to ensure a proper fit.

