

Mod-eez[®]: Elevating Panel Assembly with Versatile Solutions

Mod-eez[®] is a renowned brand dedicated to revolutionizing panel assembly. With a commitment to simplicity, speed, and versatility, Mod-eez[®] offers a comprehensive range of innovative products designed to securely join panels while concealing connectors, catering to various applications.

The Mod-eez[®] Difference

At the heart of the Mod-eez[®] brand is a commitment to simplicity and efficiency. Our products are engineered to address the challenges of panel assembly in a multitude of settings.

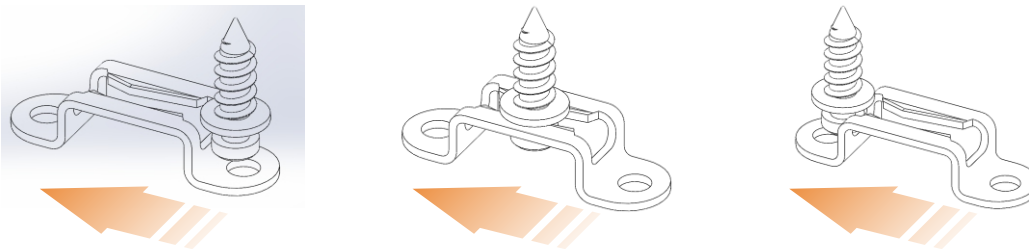
A Multitude of Options to Suit Your Needs

KNAPP Connectors takes pride in offering a diverse array of solutions to meet your specific requirements. Our product line includes Single Clips, Double Clips, and Anti-Rotation Clips. The Anti-Rotation Clips are available in two widths, catering to both 1/2-inch and 3/4-inch or thicker

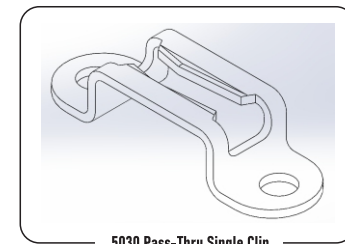
The Locking Level

There are several types of retaining types on our Mod-eez system clips. This means on how the shoulder screw is held on to the connector clip. There are 4 levels of holding:

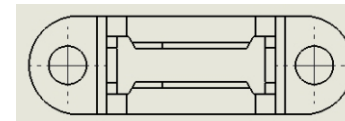
1. The Pass-Thru clip: These are clips that the shoulder screw can be slid in from the side, so that the part is positioned into place without any kind of limit.



This applies to cases on which the design intent is to slide the part into place. These are for intermediate positions of the connector array

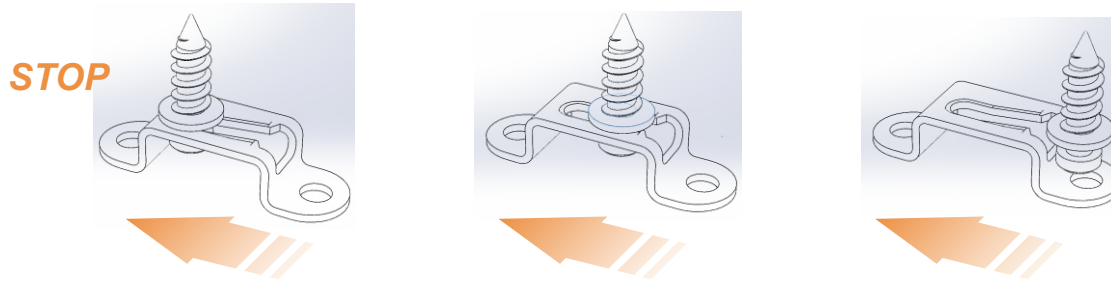


5030 Pass-Thru Single Clip



0	Pass Thru	Locking Level
1	Non Locking	
2	Semi Locking	
3	Locking	

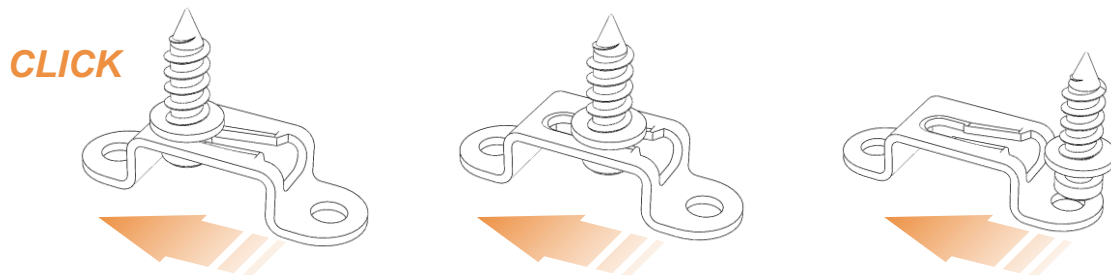
2. The Non Locking clip: These are clips that the shoulder screw can be slid in from one side, and it has a limit of possible movement. It has no way of restraining the movement of the shoulder screw in it's final position. It can freely come out, but only in the opposite direction that it initially came in.



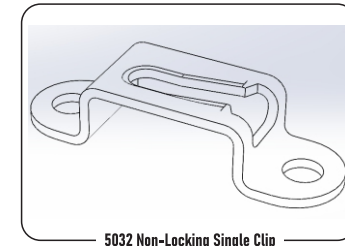
This applies to cases on which the design intent is to slide the part into place and that the part does not go any further in the direction that it came in. It becomes a limit in the direction, but with no locking to keep it in place.

It can be used for parts that can be interchanged or re-positioned.

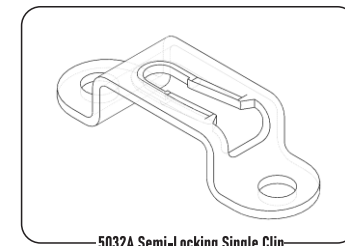
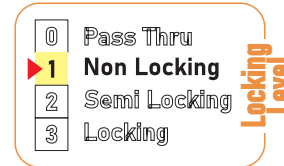
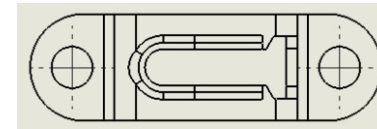
3. The Semi Locking clip: These are clips that the shoulder screw can be slid in from the side, and it has a limit of possible movement. It has a point where the track has a kink, so the screw is held by friction in it's place. The final assembly needs a hard push to lock into place (as with a rubber mallet hit).



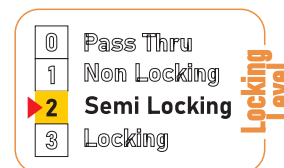
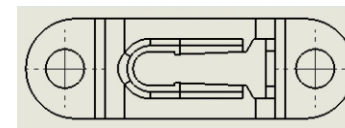
This applies to cases on which the design intent is to slide the part into place and that the part does not go any further in the direction that it came in. It becomes a limit in the direction, but with no locking to keep it in place.



5032 Non-Locking Single Clip



5032A Semi-Locking Single Clip

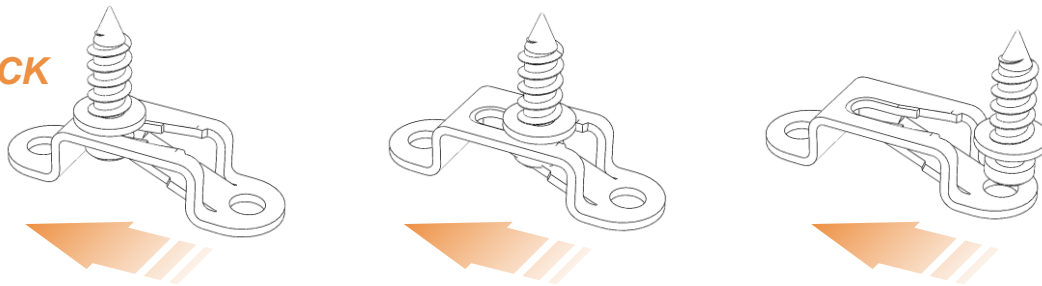


Mod-eez Connector System

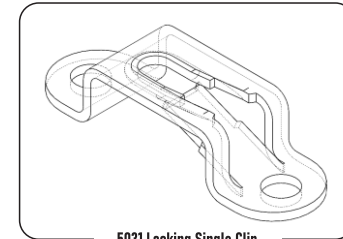
by KNAPP

3. The Locking clip: These are clips that the shoulder screw can be slid in from the side, and it has a limit of possible movement. It has a tongue that securely locks the screw in place. This setup is so secure that you need a flat screwdriver to disassemble the joint.

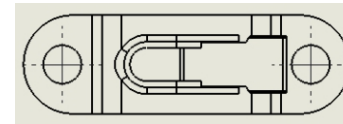
CLICK



This applies to cases on which the design intent is to slide the part into place and have a secure hold which is difficult to disassemble and has a long life.

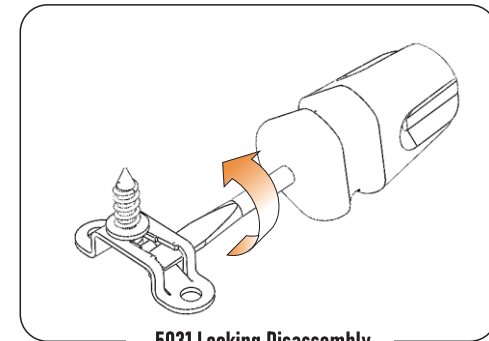


5031 Locking Single Clip



0	Pass Thru
1	Non Locking
2	Semi Locking
3	Locking

Locking Level

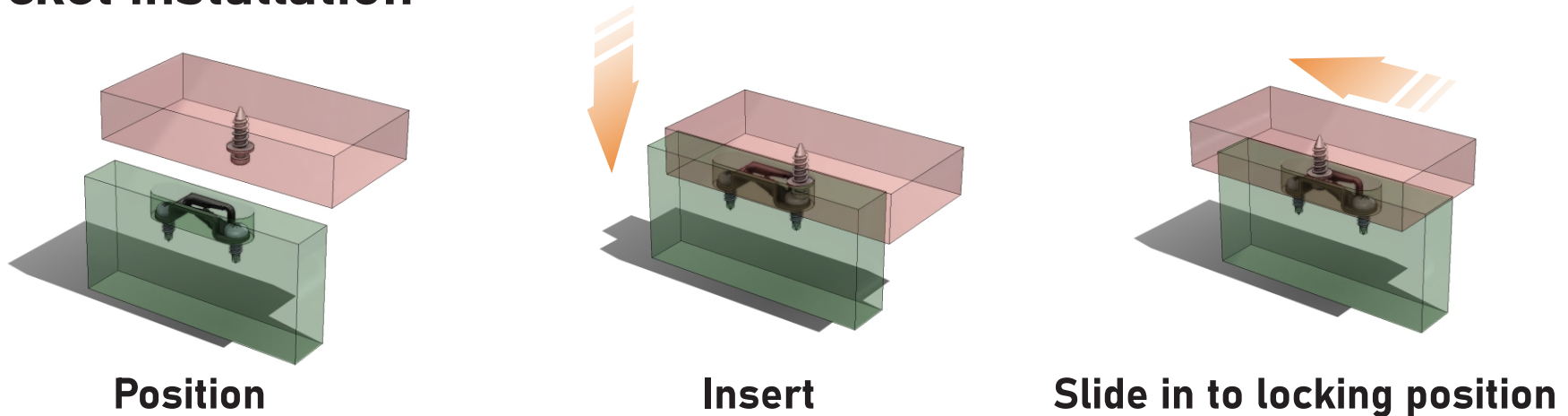


5031 Locking Disassembly

Single Clips

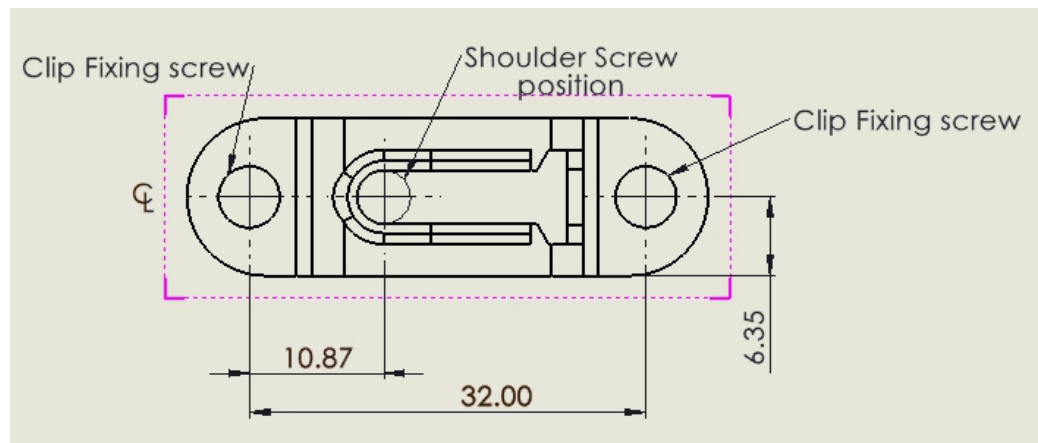
Single Clips have two different ways to be installed. The first type is the common pocket type for Non-locking, Semi-Locking and Locking clips. The second one is the Slit type for Pass-Thru Clips. It is Very important for the shoulder screw to be positioned correctly so that the hardware would work in its intended way. This is the most common problem when using the Mod-eez connection system.

Pocket installation

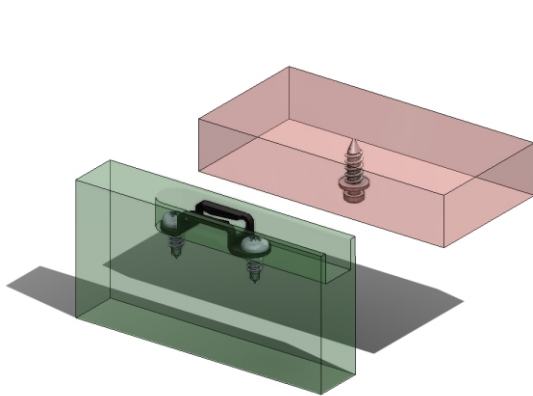


The holding strength for a single clip is XX psi (XX Newtons)

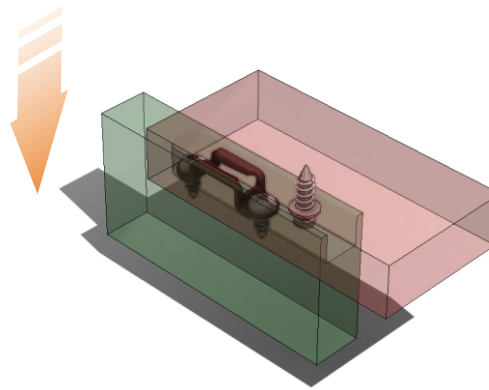
You can use this template to figure out where the drills for the different screws are to be positioned. The clip fixing screw is to be positioned on the edge pocket where the clip is to be held, and the shoulder screw is where the shoulder screw on the face should be in relation to the position of the clip in the intended final fixed position. This template works for 5031 Locking Clip, 5032 Non Locking Clip and 5032A Semi-locking Clip.



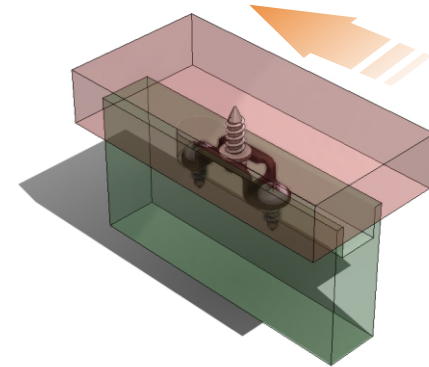
Slit Installation



Position



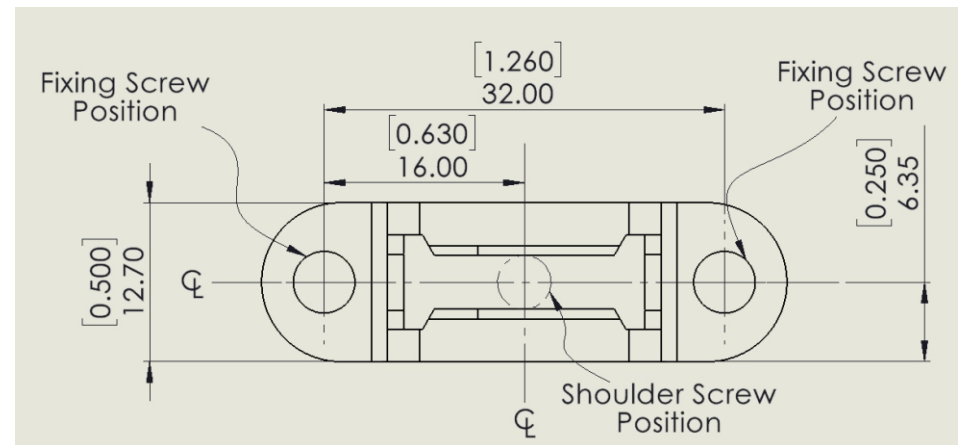
Insert into slit



Slide into position

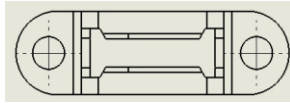
The holding strength for a single Pass-Thru clip is XX psi (XX Newtons)

You can use this template to figure out where the drills for the different screws are to be positioned. The clip fixing screw is to be positioned on the edge slit where the clip is to be held, and the shoulder screw is where the shoulder screw on the face should be in relation to the position of the clip in the intended final fixed position. This template works for 5030 Pass-Thru clip.



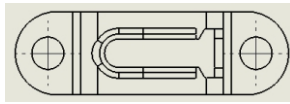
Clip Types

5030



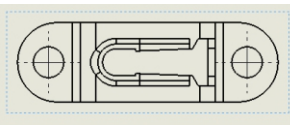
0 Pass Thru

5032



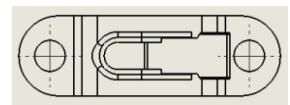
1 Non Locking

5032A



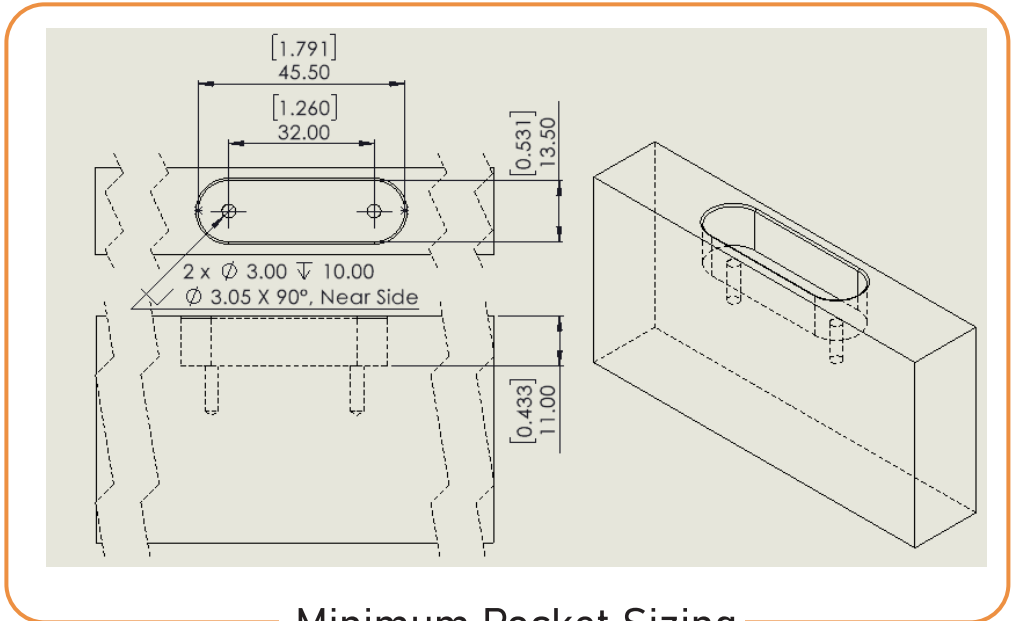
2 Semi Locking

5031

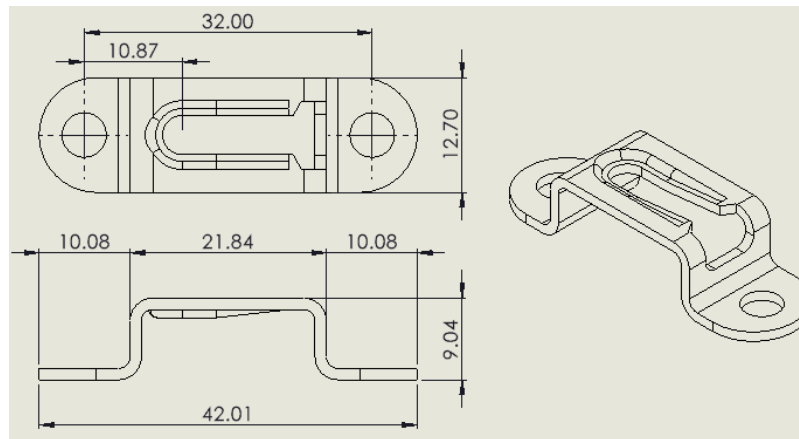


3 Locking

Locking Level



Minimum Pocket Sizing



Views for Standard Clip Sizing