



## Panel Mounting System

### Packaging format

Bag of 25 units

Box of 1000

### DESCRIPTION

This product is an easy fastener system for panels. The system is a secure, reusable, durable, and effective way to prevent panels from slipping, falling, and constantly being repaired.

Required product: #4 screw

### ADVANTAGES AND BENEFITS

Stop struggling with inaccurate measurements, Velcro, and complicated specialty tools. This product is ideal for RVs, architectural woodwork, applied wall panels, seat cushions, and much more!

## AVAILABLE PRODUCTS

Product #	Packaging format
918725	Bag of 25 units
918724	Box of 1000

## TECHNICAL SPECIFICATIONS

Head Type	Flat
Finish	Black
Screw Size	4
Material	Plastic, Steel

## APPLICATION

STEP 1: Drill 1/2 in (12.70 mm) hole STEP 2: Fasten with #4 screws STEP 3: Snap together

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## IMPORTANT INFORMATION

- Drill 1/2 in (12.70 mm) holes at a perpendicular angle. - DO NOT overtighten #4 screws so as not to change shape of clips (set torque on drill). - Making holes in sub-straight "slightly" bigger will release ball pressure created by the male piece during insertion of the clips that are too hard to separate. - Load capacity: 15 lb/clip - Once assembled, the system leaves a 1/8 in (3.18 mm) gap between the two panels. Technical Report About Panel Mounting System Pullout Loads The plastic used to make our remarkable, economical, fire-retardant panel mounting is solid. In order to shear it off, approximately 490 lb of force is required at the 1/4 in (6.35 mm) stem. For holding power, holding a vertical board of 40 lb for the initial latch, after a series of in-and-out cycles, the holding power is diminished to 20 lb. For holding roof board, it holds around 30 lb, and after in-and-out cycles, the holding power is also diminished to 20 lb. With respect to the rating, the suggested rating for the holding power is 15 lb for static loads and 5 lb for repeat loads. The head is actually larger than the diameter of the receptacle parts so even when not fully engaged the clip cannot fall on its own as it is still squeezed by the receptacle. Clips never all simultaneously load on a panel, so if a board has 10 clips it will still require more than 5 lb x 10 clips. Tests demonstrate a holding power of 250 lb for static weight on a 10 clip panel of 4 ft by 4 ft. Clip Spacing and Panel Loads To cope with the danger of sagging panels, install evenly around the perimeter and add to centerline of panels. The clip spacing requirements will vary depending on the application. The clip can carry more loads than your theoretical panel load, but factor in safety to account for unknown conditions such as seismic shocks, or exterior panels subjected to high winds or huge seas. Panel Mounting System with Different Materials You can mount the clip cuts into or onto most board items, for example, particleboard, MDF, PVC panels, fiberglass, HPL, and many others. Drill Setting and Self-Tapping Clips Clutch settings on battery drills are highly dependable on the material in which you are screwing as well as battery charge condition. When two or three test clips have been fitted, you will have a decent idea for a setting that screws the clips home, however, does not overtighten them. In the event that the clips are waffled, the drill setting is too strong. Some hard facades and materials require pre-drilling the #4 screws. Quality Installation The clip does not require any special tools just a 1/2 in (12.70 mm) drill bit. Installation guides and videos for fixing with #4 screws are available for each range.

## PRODUCT PHOTOS

