

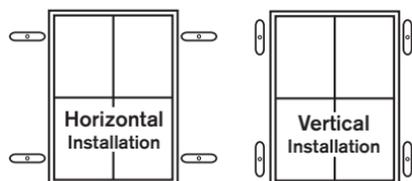
Storm Clamps™ can be installed in the **vertical** or **horizontal** position on **any and all sides** of a window or door opening to be protected.

4 Storm Clamps are required for proper use per opening, for securing a protective covering (plywood). More may be required in certain situations, such as double windows or larger openings. The base is attached to the outer perimeter of the opening to be protected (window or door). Distance the clamps from opening edge allowing an overlap of the plywood. Sandwich the plywood between the clamp and the structure when the storm clamp is in use. The opposite end of the clamp must also firmly contact the structure to properly secure the clamp.

The base is connected to the structure by 2 screws. Screw holes should be pre-drilled for easy installation, with screws connecting the base, penetrating the solid part of the structure, a recommended minimum 1 1/2 inches deep.



The Storm Clamp™ is made up of the clamp (1), a base (2), a 1/4-20 stainless steel hex head tap bolt (3), a galvanized washer (4) and a 1/4-20 stainless steel wing nut (5).



Screw Requirements:

The head must have a **flat base**.



Installation on BRICK structure:

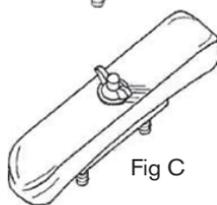
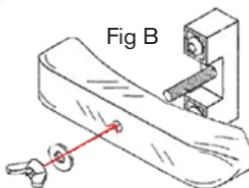
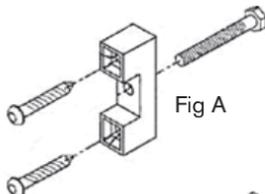
Recommend 1/4 inch blue hex head masonry screws sold at hardware or lumber stores.

Installation on other structures:

Recommend #12 pan head for metal screws.

Installation Instructions

1. Determine type of installation desired (horizontal or vertical). Position on substrate. Leave room for plywood overlap.
2. Measure and mark on structure for placement of Storm Clamp base.
3. Pre-drill screw holes. A 1 1/2 inch penetration into the structure is recommended.
4. Install base on structure. (Fig A) Ensure included stainless steel tap bolt is inserted through the flat side of the base extending out. Fit head of bolt flush in base groove. Insert screws through protruding holes in base.
5. Place clamp over base, with the tap bolt through the center hole in the clamp. Apply the galvanized washer then the stainless steel wing nut. (Fig B)
6. Hand tighten wing nut. (Fig C)



NOTE: For window openings that do not have a ledge for plywood to rest on during installation, the base part of the Storm Clamp can be used as a ledge.



***OPTIONAL 2 part Extension Kit** Available for windows where opening may protrude outward. Also used for those who desire a thicker covering material. Works in conjunction with the Storm Clamp.

Storm Clamp In Use with Covering:

VERTICAL INSTALLATION:	HORIZONTALLY INSTALLATION:
1- Place plywood over opening.	1- Loosen wing nuts to near the end of the bolt.
2- Loosen wing nuts to near the end of the bolt.	2- Raise the clamp, and turn it perpendicular to the base.
3- Raise the clamp and turn perpendicular to the base, sandwiching the plywood against the structure.	3- Place plywood over the opening
4- Tighten wing nut securely, so wind can't get between plywood and structure.	4- Turn the clamp back to the horizontal position covering the base and sandwiching the plywood against the structure.
	5- Tighten the wing nut securely so that wind can't get between plywood and the structure.

NOTE: If plywood is warped (bows in the middle), the middle bow should be placed against the structure for optimal installation with clamps cinching down the ends.

***Minimum recommended plywood thickness – 7/16”.**