PHC Panel Hoist Clip

The PHC panel hoist clip allows easier installation and lifting of wall panels on the job and at assembly sites. The PHC clip features a small profile design to fit inside holes as small as 1.5". Contractors can either drill holes in the track onsite or have the track manufactured with holes for easier installation of the clip through the top track. The rolled edges and rolled hoist-edge-hole provide greater strength and give the capacity needed for heavy panel projects. Maximum and minimum screw patterns give you options for heavier or lighter load needs. The PHC hoist clip has been assembly tested for tension and panel pick up, providing an increased level of safety for panelizers, installers and engineers.

Features:

- Small profile to allow for easy installation through the top track
- Greater top track strength with reduced opening size required for hoist clip to fit through top track
- Rolled stiffener for increased strength across the entire length of clip
- Rolled hoist-edge-hole for increased strength and smooth mounting edge
- Screw pattern options allow for varying load needs; fill round holes for minimum loads, or fill round holes and triangular holes for maximum loads
- Chamfered top corners and minimized distance of material above hoist hole allows for the lifting device to slide freely without getting stuck
- Assembly tested for tension and panel pick up at different angles for attachment to stud web
- Optional panel hoist clip cover (PHC-C) available to cover track hole and create a tight connector fit for the concrete pour when embedding the installed hoist in concrete or other hole cover needs

Material: PHC12 — 97 mil (12 ga.), 50 ksi; PHC-C — 33 mil

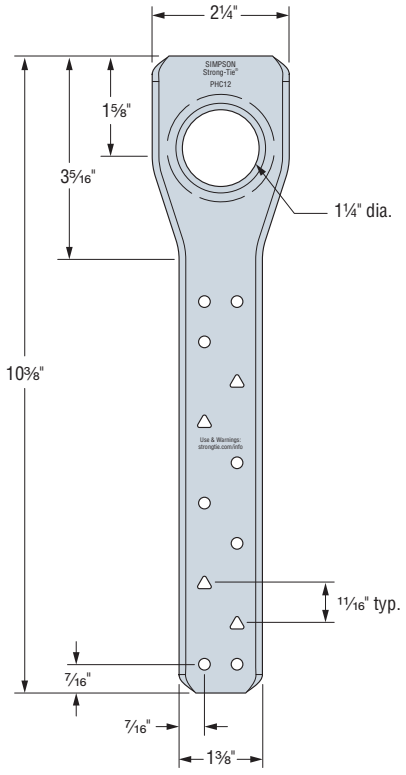
Finish: Galvanized (G90)

Installation: Use all specified fasteners/anchors

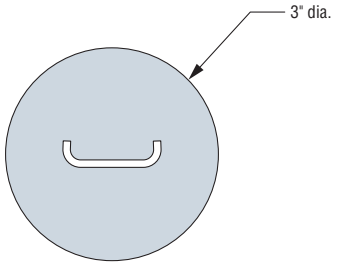
Codes: Testing performed in accordance with ICC-ES AC261. Visit **strongtie.com** for the latest load values and testing information.

Ordering information: PHC12 is a box of 50 connectors
PHC-C is a box of 50 covers.

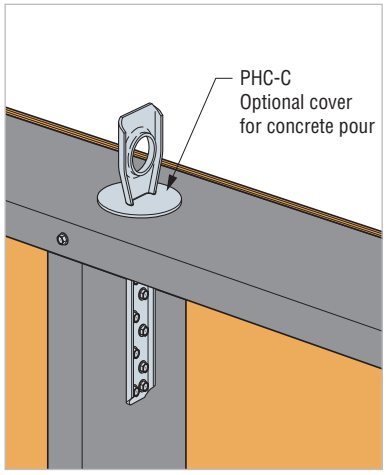
NEW



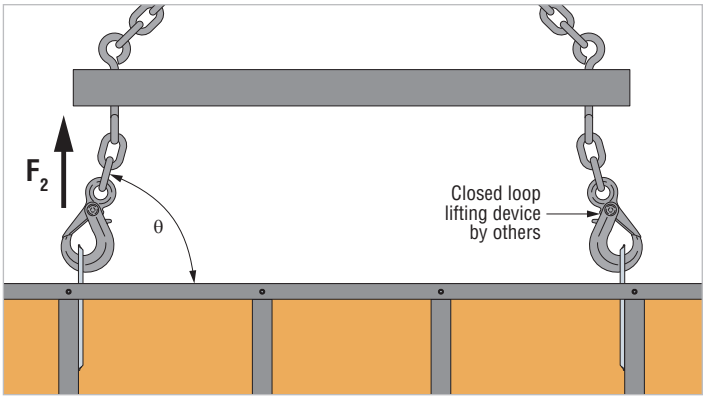
PHC12
Panel Hoist Clip



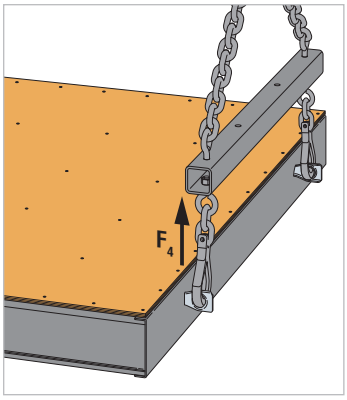
PHC-C
Panel Hoist Clip Cover
(for concrete pour or other hole cover needs, sold separately)



PHC Panel Hoist Clip



F_2 Tension Load



F_4 Flat Panel Pickup

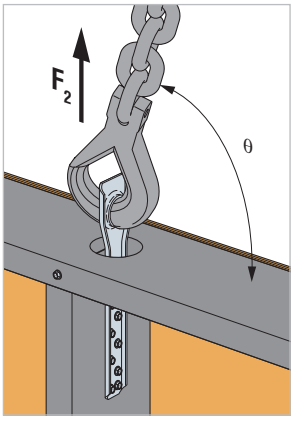
PHC Allowable Loads per Clip (lb.)

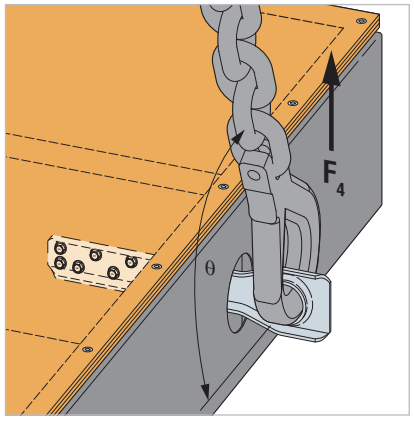
Model No.	No. of #10 Screws to Framing	Stud Thickness mil (ga.)	PHC12 Attach to Stud Web			
			Tension Load F_2		Flat Panel Pickup F_4	
			θ = 45°	θ = 75° to 90°	θ = 45°	θ = 75° to 90°
PHC12	8 (min. pattern)	33 (20)	530	1,415	395	460
		43 (18)	695	2,105	515	600
		54 (16)	990	2,785	985	985
		68 (14)	1,250	3,220	1,240	1,240
		97 (12)	1,250	3,220	1,240	1,240
	12 (max. pattern)	33 (20)	795	2,120	590	690
		43 (18)	1,040	2,785	770	900
		54 (16)	1,485	2,785	1,475	1,475
		68 (14)	1,875	3,220	1,860	1,860
		97 (12)	1,875	3,220	1,860	1,860

1. For additional important information, see General Information and Notes on p. 26.
2. Allowable loads are for clip and anchorage to stud.
3. Minimum pattern is screws to all round holes; maximum pattern is screws to round and triangle holes.
4. Linear interpolation is allowed for angles between 45° and 75°.
5. Tabulated values are based on 3⅝" to 8" framing members with track and stud of the same thickness and 2½" maximum diameter hole centered in the top track for lifting devices.
6. Lifting devices should be connected to the PHC12 with a closed-loop attachment of sufficient strength to carry the allowable load.
7. The listed allowable tension load is the allowable vertical load of the hoist clip (not the allowable load in direction of force).

Eight-Screw Pattern

Twelve-Screw Pattern





PHC Attached to Stud Web