

# HWSC Head-of-Wall Slide-Clip Connector



This product is preferable to similar connectors because of a) easier installation, b) higher loads, c) lower installed cost, or a combination of these features.

The HWSC head-of-wall slide-clip connector is specifically designed for simplifying the panelization of 6" printed studs (e.g., FrameCAD®, Arkitech, Howick, Pinnacle and Scottsdale). The HWSC is designed to replace slotted track with a typical printed track at head-of-wall conditions. To facilitate installation, a cone-shaped funnel in the clip helps the dimple in the track align properly with the clip's corresponding dimple to hold it in place while a screw is placed in each flange from the track to the clip. The stud is then slid into position, and the clip is attached to the stud with shoulder screws driven through the center of the fastener slots. As an option, fasten the clip through the diamond-shaped hole to stud using a single screw to lock the deflection gap in place temporarily during transport and installation. The optional screw is then removed after installation is complete. The HWSC has been assembly tested to provide optimal strength and performance.

**Features:**

- An edge stiffener has been rolled into the web and flange of the clip for added strength and for ease of fastening of the screws into the clip flange during installation
- The clip has a unique cone-shaped dimple that guides the track dimple into alignment with the clip, locking the connection in-place while a screw is installed into each flange
- Replaces slotted track that is difficult to panelize with typical printed track
- Allows up to 1" movement up and down

**Caution:**

- The HWSC connector is specifically designed for use with printed studs and tracks such as FrameCAD, Arkitech, Howick, Pinnacle and Scottsdale
- Not intended for use with typical manufactured studs and tracks

**Material:** 54 mil (16 ga.), 50 ksi

**Finish:** Galvanized (G90)

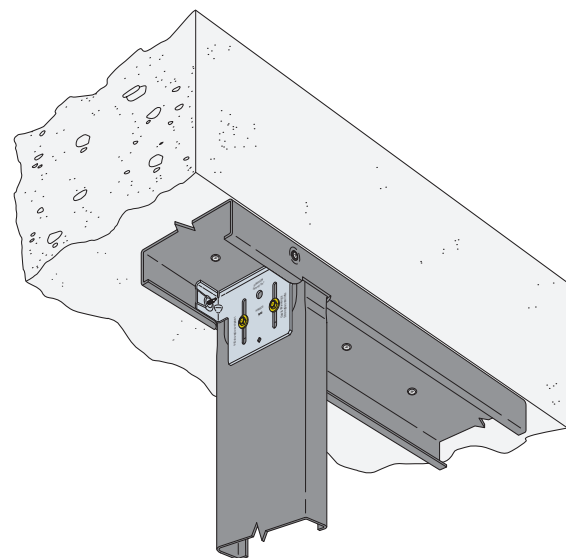
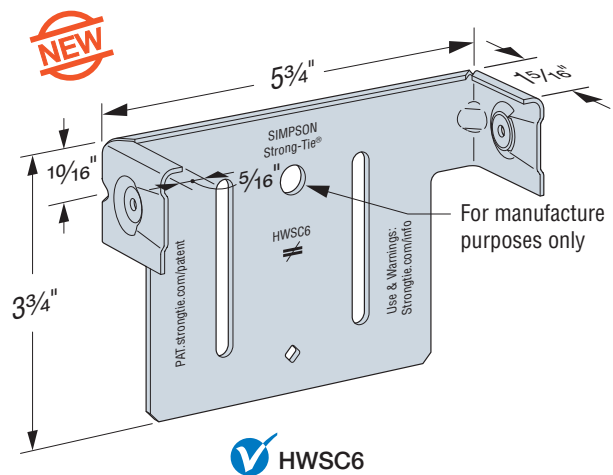
**Installation:**

- Use (2) XLSH34B1414 #14 shoulder screws (included). Install screws into the center of the slot at No-Equal® logo.
- Use an optional #10 screw to lock deflection gap during panel construction. Remove after installation is complete.

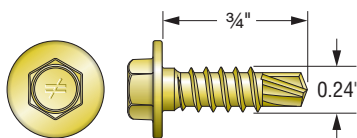
**Codes:** Testing performed in accordance with ICC-ES AC261. Visit [strongtie.com](http://strongtie.com) for the latest load values and testing information.

**Ordering Information:**

- Box of (50) HWSC6-KT connectors
- (2) bags of (55) XLSH34B1414 #14 shoulder screws



Typical HWSC6 Installation



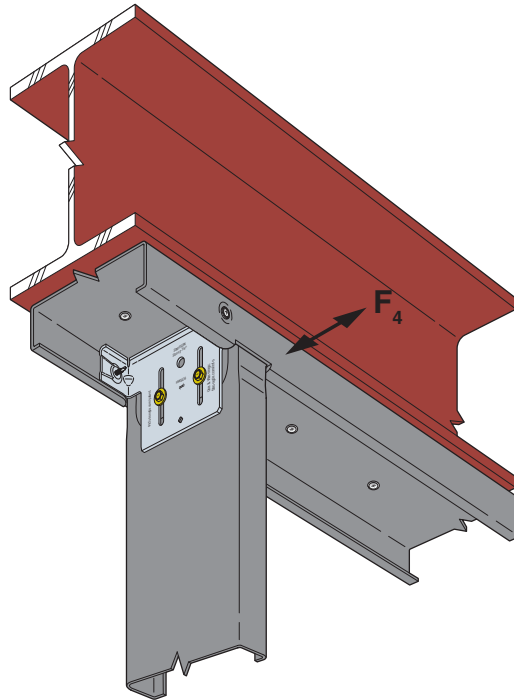
**XLSH34B1414**  
**#14 Shouldered Screw for Attachment to Stud Framing**  
(included)

# HWSC Head-of-Wall Slide-Clip Connector

## HWSC Allowable Connector Loads, $F_4$ (lb.)

Model No.	Track		Stud Thickness mil (ga.), $F_y$					
	Thickness mil (ga.)	$F_y$ (ksi)	33 (20)		43 (18)		54 (16)	68 (14)
			33 ksi	50 ksi	33 ksi	50 ksi	33 or 50 ksi	33 or 50 ksi
HWSC6	33 (20)	33	Please see the HWSC product page at <a href="http://strongtie.com">strongtie.com</a> for load capacities.					
		50						
	43 (18)	33						
		50						
	54 (16)	33 or 50						
68 (14)	33 or 50							

1. The HWSC6 has an out-to-out dimension of 5 $\frac{3}{4}$ ". It is designed to fit inside a printed track and attached to the swaged end of the printed stud. Listed capacities are based on tracks with  $\frac{1}{2}$ " lips and a maximum lip cutout of 2 $\frac{7}{8}$ " at stud location.
2. Allowable loads are based on the clip installed with (1) #10-16 screw into each track flange and (2) shoulder screws into the stud. Shoulder screws are included with the clip.
3. Tabulated capacities are based on 1" deflection gap. End of stud must be located a maximum of 1" from web of top track.
4. Anchorage to structure designed by others.



Typical HWSC Installation at Stud