

# HDU

## HDU Heavy Duty Holdown



Designed for use in shearwalls, CLT wall panels, braced-wall panels, other lateral applications in wood construction.

**Simpson Strong-Tie offers a wide variety of holdown devices engineered and tested to perform and manufactured to the highest quality standards. The HDU Holdown is pre-deflected during the manufacturing process, virtually eliminating deflection under load due to material stretch.**

### Material

- HDU8 - Carbon Steel 3.5mm thick
- HDU14 - Carbon Steel 4.5mm thick

### Finish

- Z275 Galvanised



### Features & Benefits

- Pre-deflected seat virtually eliminates deflection due to material stretch
- Uses Strong-Drive® SDS Heavy-Duty Connector screws which install easily, reduce fastener slip and provide a greater net section area of the post compared to bolts
- Strong-Drive SDS Heavy-Duty Connector screws are supplied with the holdowns to ensure proper fasteners are used
- Easy to install
- No stud bolts to countersink at openings

### Applications

- Residential and commercial projects designed for use in shearwalls and braced-wall panels, as well as other lateral applications in wood construction
- HDU is also ideal for retrofit or new construction projects.



HDU8

HDU14

Simpson Strong-Tie® Australia  
Call **1300 STRONGTIE** (1300 787 664)  
[www.strongtie.com.au](http://www.strongtie.com.au)

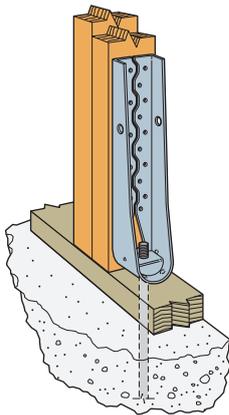
Simpson Strong-Tie® New Zealand  
Call **09 477 4440**  
[www.strongtie.co.nz](http://www.strongtie.co.nz)

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### Installation Steps

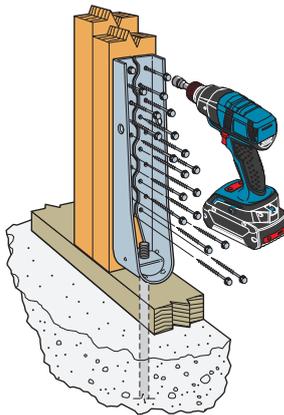
#### Step 1

Place bracket, crescent washer and stud anchor in position.



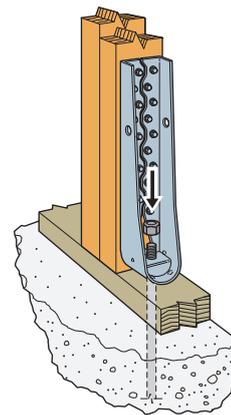
#### Step 2

Install included Strong-Drive SDS Heavy-Duty Connector screws using a low-speed high-torque drill with a 3/8" hex-head driver.



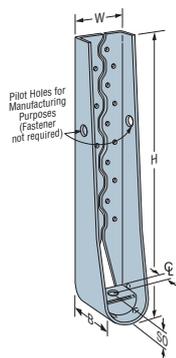
#### Step 3

- Apply and tension nut onto the stud anchor. Anchor bolt nut should be finger tight plus 1/3 to 1/2 turn with a hand wrench. Care should be taken not to over-tighten the nut.



### Product Information

Model No.	Product Includes	Size (mm)	Individual Barcode	Carton Qty	Carton Barcode	Weight ea	Carton Dim. (W x L x H) and weight
<b>HDU8-SDS2.5</b> (Available in AU & NZ)	(20) 6.4 x 64mm Strong-Drive SDS Heavy-Duty Connector screws and (1) crescent washer	75 (W) x 420 (H) x 90 (B) x 36mm (CL)	707392934608	6	10707392934605	2.5kgs	200mm x 530mm x 165mm, 15.2kgs
<b>HDU14-SDS2.5</b> (Available only in NZ)	(36) 6.4 x 64mm Strong-Drive SDS Heavy-Duty Connector screws, (1) crescent washer and (1) heavy-hex anchor nut	79 (W) x 653 (H) x 93 (B) x 41mm (CL)	707392650706	4	10707392650703		190mm x 720mm x 120mm, 19.43kgs



Dimensions



Each connector includes screws



HDU8-SDS2.5 Carton



HDU14-SDS2.5 Carton

### Designed and Tested

Simpson Strong-Tie® connectors have been designed and tested for use with specific types and sizes of nails or screws. The specified fastener size, type and quantity must be installed in the correct holes on the connector to achieve published loads.

Other factors such as the fastener material and finish are also important as the use of incorrect fasteners or misinstallation can compromise the connector performance and could lead to failure. Simpson Strong-Tie has a broad range of fasteners designed to suit our range of connectors.