PA Strap Tie Holdowns

PA strap tie holdowns are wood-to-concrete connectors that connect studs to the foundation to satisfy engineering and code requirements.

Material: 12 gauge

Finish: Galvanized or ZMAX® coating .

Installation:

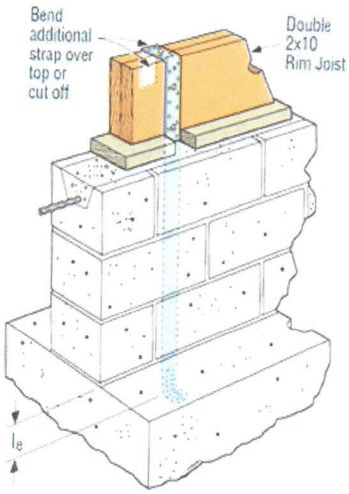
- Use all specified fasteners. See Holdown and Tension Tie General Notes.
- For additional length, an MST strap can be attached using 1/2" bolts through existing holes
- Refer to technical bulletin T-PAUPLIFT for additional information.

Load Table
Gallery of images
Code Reports
Drawings
Catalog Page
Related Categories
Technical Bulletins
Help for downloads

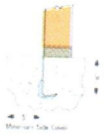
Gallery:

▲top

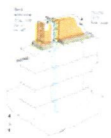
roll over images below to see larger image



PA51 (PA68 similar)



Typical PA connecting Stud to Foundation



Typical PA51 Installation (PA68 similar)

Load Table: See code report listings below

▲top

These products are available with additional corrosion protection. Additional products on this page may also be available with this option, check with Simpson Strong-Tie for details.

These models are approved for installation with the Strong-Drive® SD Connector screw.

Wind and SDC A & B – Allowable Tension Loads

Model No.	Strap Length, L (in.)	le (in.)	Non-Cracked Concrete		Cracked Concrete	
			Required Nails	Tension	Required Nails	Tension
PA51	51	4	10 -10d Common	2025	10 -10d Common	2025
PA68	70	4	10 -10d Common	2025	10 -10d Common	2025

SDC C-F – Allowable Tension Loads

Model No.	Strap Length, L (in.)	le (in.)	Non-Cracked Concrete		Cracked Concrete	
			Required Nails	Tension	Required Nails	Tension
PA51	51	4	10 -10d Common	2025	10 -10d Common	1980
PA68	70	4	10 -10d Common	2025	10 -10d Common	1980

1. Allowable loads have been increased for earthquake or wind load durations with no further increases allowed.
2. Concrete shall have a minimum concrete strength, f'c of 2500 psi.
3. Strong-Drive® SD9x1 1/2 (0.131"x1 1/2") screws may be substituted for nails with no reduction.
4. Nails: 10d = 0.148" dia. x 3 " long. See other nail sizes and information.

Code Reports (PDFs):

▼next ▲top

	IAPMO UES ER	ICC-ES ESR	CITY OF LOS ANGELES	STATE OF FLORIDA	LEGACY REPORTS ICC-ES NER	ICC-ES ER	ICC-ES ES
PA			See specific model numbers for code listings.				
PA51		ESR-2920 / ESR-2523 *		FL13904			
PA68		ESR-2920 / ESR-2523 *		FL13904			

* ESR-2523 is an Index of many of Simpson Strong-Tie Stamped and Welded Cold-formed Steel Products for Wood or Cold-formed Steel Construction

Drawings: To download drawings, right-click or Ctrl-click on the link, then choose "Save Target As..."

▼next ▲top

Download the Simpson Strong-Tie® AutoCAD® Menu, which allows you to insert Ortho views directly into your AutoCAD drawing.

	ORTHOGRAPHIC	PERSPECTIVE
PA	**None for this model**	PA & HPA: DWG | DXF PA Stud to Foundation Connection: DWG | DXF
PA51	PA51: DWG | DXF PA51 front view: DWG | DXF PA51 left view: DWG | DXF PA51 right view: DWG | DXF	High Wind-Resistant Construction D61: Stemwall/Crawlspace: DWG | DXF High Wind-Resistant Construction D62: Stemwall/Crawlspace: DWG | DXF Girder/Truss to Concrete Connections 1: DWG | DXF Lateral Load Connectors: DWG | DXF PA51: DWG | DXF
PA68	PA68: DWG | DXF PA68 front view: DWG | DXF PA68 left view: DWG | DXF PA68 right view: DWG | DXF	Girder/Truss to Concrete Connections 1: DWG | DXF

Catalog Pages (PDFs):

▲top

C-C-2015 (Wood Construction Connectors), page 53

Order free catalogs by mail

Related Categories:

▲top

High Wind Resistance (Wood Construction)

Holdowns and Tension Ties (Wood Construction)

Concrete Connectors and Anchors (Wood Construction)

Holdowns and Tension Ties (Cold-Formed Steel)

Technical Bulletins (PDFs):

▲top

PA Foundation Straps for Uplift Resistance Expiration extended to 12/31/14