

# SSP/DSP/TSP Stud Plate Ties

The SSP, DSP and TSP are pre-bent strap designed to connect double studs in either top or bottom track applications. These versatile single- and double-stud-plate connector helps to create a continuous load path in uplift resistance.

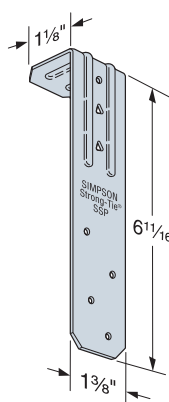
**Material:** SSP/DSP — 43 mil (18 ga.);  
TSP — 54 mil (16 ga.)

**Finish:** Galvanized (G90). Some products available in ZMAX®; see Corrosion Information, pp. 19–23.

## Installation:

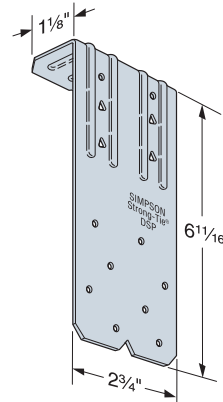
- Use all specified fasteners; see General Notes
- DSP/SSP — top track installation; fill all round and triangle holes

**Codes:** See p. 13 for Code Reference Key Chart



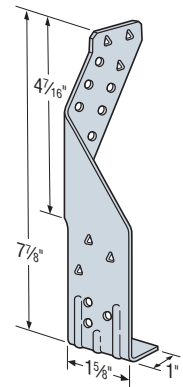
**SSP**

US Patent: 7,065,932



**DSP**

US Patent: 7,065,932



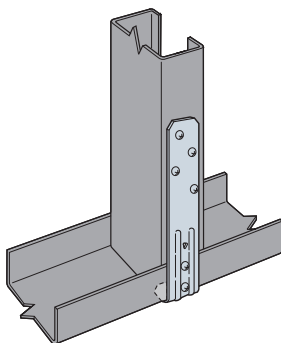
**TSP**

US Patent: D618,085

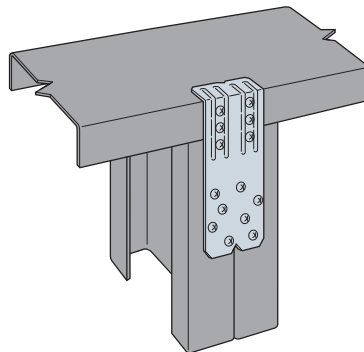
These products are available with additional corrosion protection. Additional products on this page may also be available with this option. Check with Simpson Strong-Tie for details.

| Model No. | Fasteners <sup>4</sup> |                      |         |              | Allowable Uplift Load (lb.) |                    | Code Ref.   |
|-----------|------------------------|----------------------|---------|--------------|-----------------------------|--------------------|-------------|
|           | Studs                  | Top Track            |         | Bottom Track | 33 mil (20 ga.)             | 43 mil (18 ga.)    |             |
|           | CFS                    | Wood                 | CFS     | CFS          |                             |                    |             |
| SSP       | (4) #10                | —                    | —       | (2) #10      | 355                         | 625                | IBC, FL, LA |
|           |                        | —                    | (2) #10 | —            | 340                         | 600                |             |
|           |                        | (2) #10 <sup>3</sup> | (1) #10 | —            | 405 <sup>1</sup>            | 715 <sup>1</sup>   |             |
|           |                        | (2) 10d              | (1) #10 | —            | 480 <sup>1</sup>            | 840 <sup>1</sup>   |             |
| DSP       | (8) #10                | —                    | —       | (4) #10      | 430                         | 695                |             |
|           |                        | —                    | (4) #10 | —            | 475                         | 775                |             |
|           |                        | (4) #10 <sup>3</sup> | (2) #10 | —            | 585 <sup>1</sup>            | 955 <sup>1</sup>   |             |
|           |                        | (4) 10d              | (2) #10 | —            | 730 <sup>1</sup>            | 1,200 <sup>1</sup> |             |
| TSP       | (6) #10                | —                    | —       | (3) #10      | 345                         | 645                |             |
|           |                        | —                    | (3) #10 | —            | 370                         | 700                |             |
|           | (9) #10                | (3) #10 <sup>3</sup> | (3) #10 | —            | 360 <sup>1</sup>            | 685 <sup>1</sup>   |             |
|           |                        | (3) 10d              | (3) #10 | —            | 480 <sup>1</sup>            | 905 <sup>1</sup>   |             |

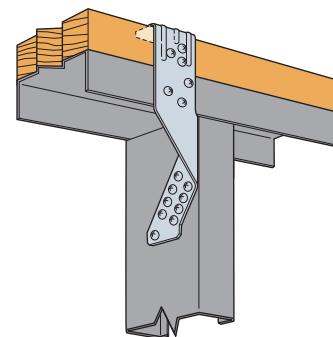
1. For wood plates, noted values only apply to DF/SP members where wood top plates are used. For SPF values, multiply by 0.86.
2. For wood plates, when cross-grain tension cannot be avoided, mechanical reinforcement to resist such forces should be considered.
3. Screws installed into wood plates with a minimum #10 x 3/4" self-drilling screw.
4. See the current *Fastening Systems* catalog at [strongtie.com](http://strongtie.com) for more information on Simpson Strong-Tie fasteners.



Typical SSP Installed to Bottom Track  
(DSP similar for double stud)



Typical DSP Installed to Top Track  
(SSP similar for single stud)



Typical TSP Installed to Top Track with Top Plate