

**SSP/DSP/TSP Stud Plate Ties**

The SSP and DSP single and double stud plate ties connect single and double studs to top and bottom track. Each can be used for either top or bottom track applications.

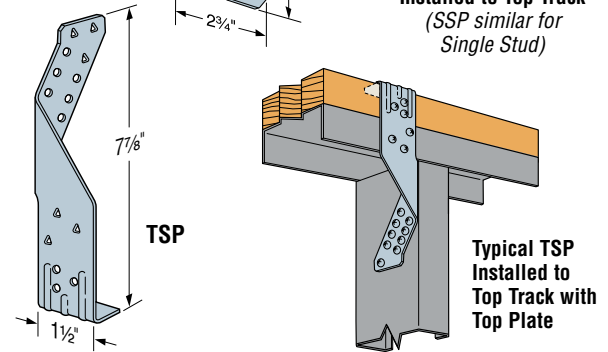
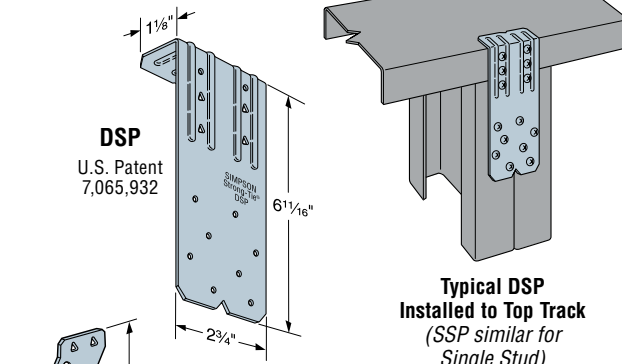
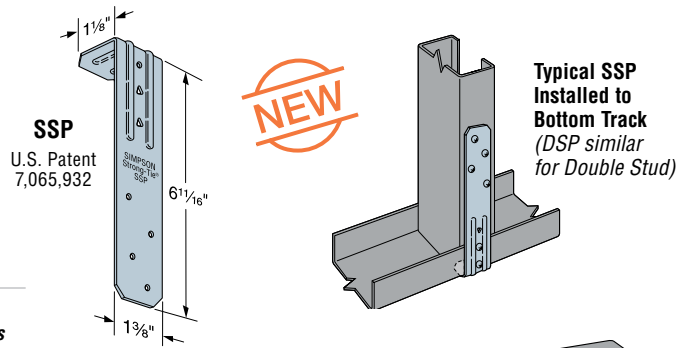
**MATERIAL:** SSP/DSP—43 mil (18 ga); TSP—54 mil (16 ga)

**FINISH:** Galvanized. Some products available in ZMAX®; see Corrosion Information, page 12–13.

**INSTALLATION:** • Use all specified fasteners; see General Notes.

• DSP/SSP—top track installation—fill all round and triangle holes

**CODES:** See page 8 for Code Listing Key Chart.



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

Model No.	Fasteners				Allowable Uplift Loads		Code Ref.
	Studs	Top Track		Bottom Track	33 mil (20ga)	43 mil (18ga)	
		CFS	Wood	CFS	CFS	(100)	
SSP	4 - #10	—	—	2 - #10	355	625	151
		—	2 - #10	—	340	600	
		2 - #10 <sup>4</sup>	1 - #10	—	405 <sup>3</sup>	715 <sup>3</sup>	
		2 - 10d	1 - #10	—	480 <sup>3</sup>	840 <sup>3</sup>	
DSP	8 - #10	—	—	4 - #10	430	695	
		—	4 - #10	—	475	775	
		4 - #10 <sup>4</sup>	2 - #10	—	585 <sup>3</sup>	955 <sup>3</sup>	
		4 - 10d	2 - #10	—	730 <sup>3</sup>	1200 <sup>3</sup>	
TSP	6 - #10	—	—	3 - #10	345	645	
		—	3 - #10	—	370	700	
	9 - #10	3 - #10 <sup>4</sup>	3 - #10	—	360 <sup>3</sup>	685 <sup>3</sup>	
		3 - 10d	3 - #10	—	480 <sup>3</sup>	905 <sup>3</sup>	

1. Tabulated loads are governed by tests and may not be increased. Refer to page 12 for additional information.
2. For wood plates, noted values only apply to DF/SP members where wood top plates are used. For SPF values, multiply by 0.86.
3. For wood plates, when cross-grain tension cannot be avoided, mechanical reinforcement to resist such forces should be considered.
4. Screws installed into wood plates with a minimum #10x3/4".

Straps & Ties

**SP Stud Plate Ties**

The SP Stud Plate Tie is a plate-to-stud connection providing uplift resistance.

**MATERIAL:** 33 mil (20 ga)

**FINISH:** Galvanized. Available with ZMAX® coating; see Corrosion Information, page 12–13.

**INSTALLATION:** • Use all specified fasteners.

**CODES:** See page 8 for Code Listing Key Chart.

Available with additional corrosion protection. Check with factory.

Model No.	Dimensions		Fasteners	Allowable Uplift Loads				Code Ref.
	W	L		Stud	33 mil (20 ga)	43 mil (18 ga)	(100)	
SP4	3 3/16	7 1/4	6 - #10	825	1100	825	1100	151
SP6	5 5/16	7 3/4	6 - #10	825	1100	825	1100	

1. Tabulated loads shown at (100) do not include steel stress increase. Tabulated loads shown at (133) include a 1/3 stress increase on the steel. Refer to page 12 for additional information.

