

TSP stud plate ties connect single or double top plates or mud sill plates to wall studs. This ensures a continuous load path from the top plate through the wall stud to the sill plate. Optional diamond nail holes allow for various uplift capacities with Min and Max nailing configurations.

Features:

- Diamond nail holes for optional nailing when higher uplift is needed
- Bent flange allows for a more consistent and easier installation
- Min/Max nailing provide flexible installation options

Materials: 16 gauge

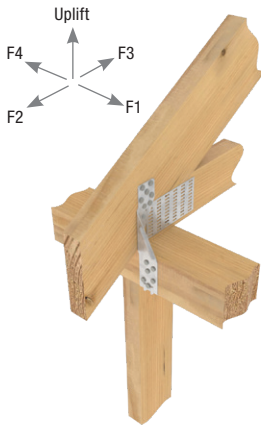
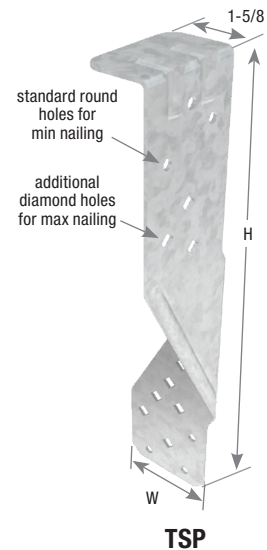
Finish: G90 galvanizing

Options: TSP is available in Triple Zinc. To order, add TZ to stock number, as in TSP-TZ

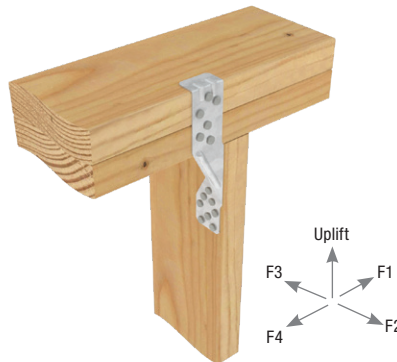
Codes: IBC, FL, LA

Installation:

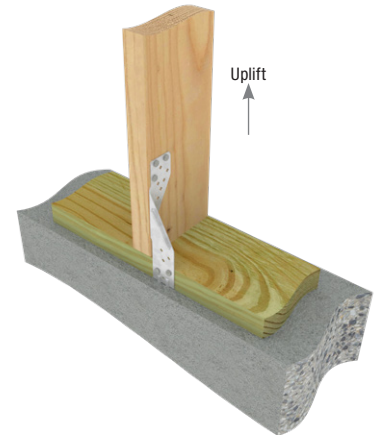
- Use all specified fasteners.
- Place bended portion over top plate or under sill plate.
- **Min Nailing** – Fill all round holes.
- **Max Nailing** – Fill all round and diamond holes.
- HDG nails may be required when fastening to treated sill plates.



Typical TSP truss / rafter installation (max nailing)



Typical TSP top plate installation (max nailing)



Typical TSP-TZ mudsill installation (min nailing)

MiTek Stock No.	Ref. No.	Steel Gauge	Dimensions (in)		Fastener Schedule				DF/SP Allowable Loads (Lbs.) ¹					SPF Allowable Loads (Lbs.) ¹					Ctn Qty	
					Min/Max	Stud/Rafter		Plate		Uplift 160%	Lateral				Uplift 160%	Lateral				
			Qty	Type ²		Qty	Type ²	F1 160%	F2 160%		F3 160%	F4 160%	F1 160%	F2 160%		F3 160%	F4 160%			
			W	H																
TSP	TSP	16	1-5/8	7-7/8	Min	3	10d x 1-1/2	3	10d x 1-1/2	465	--	--	--	--	390	--	--	--	--	100
					Max	9	10d x 1-1/2	6	10d x 1-1/2	830	365	190	210	235	700	305	160	175	200	
						9	10d x 1-1/2	6	10d	870	365	190	210	235	730	305	160	175	200	

1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.

2) **NAILS:** 10d x 1-1/2" nails are 0.148" dia. x 1-1/2" long, 10d nails are 0.148" dia. x 3" long. HDG nails may be required when fastening to treated sill plates.