

# TSBR

## Truss Spacer-Restraint

The Simpson Strong-Tie TSBR truss spacer-restraint is a time-saving lateral-restraint product that improves quality and safety while helping to meet the prescriptive recommendations of the WTCA/TPI. Easier to install than wood bracing, the TSBR firmly grips the trusses, capturing on-center spacing and keeping them vertical and plumb after placement, resulting in a better truss installation. The unique design eliminates additional time spent measuring truss spacing and laying out temporary lateral bracing. And once installed, the TSBR can remain in place to be sheathed over, thereby eliminating the need to remove temporary bracing and creating a safer, more stable work platform.

**Features:**

- Enables the quick and accurate spacing of trusses without measuring or adjusting
- Helps meet prescriptive temporary bracing recommendations of the BCSI
- Easily “grabs” onto the truss — may be put in place with one hand
- Stays in place during sheathing, saving time and making the roof more stable for workers
- Installs in less time and requires less total bracing material than prescriptive wood bracing methods — reducing labor costs
- The TSBR is a direct replacement for the TSB truss spacer bracer

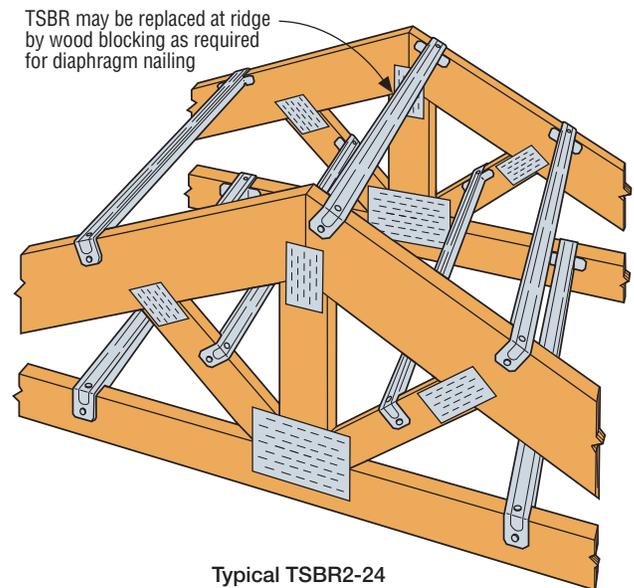
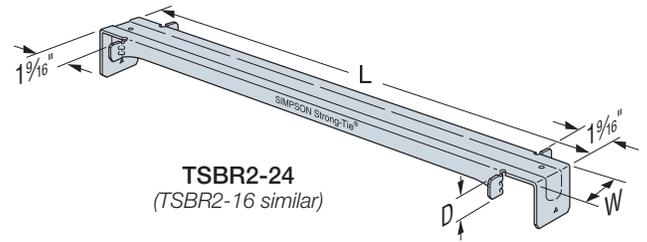
**Material:** 22 gauge

**Finish:** Galvanized

**Installation:**

- Use all specified fasteners; see General Notes.
- TSBR lateral restraint locations are as recommended in Table B2-1 of SBCA/TPI BCSI or the BCSI B2 Summary Sheet. For more information, see [strongtie.com](http://strongtie.com).

**Codes:** See p. 11 for Code Reference Key Chart



Typical TSBR2-24 Installation on 2x Wood Truss

Plated Truss Connectors

Model No.	Dimensions (in.)			Fasteners (Total) (in.)	Allowable Loads (lb.)				Code Ref.
	L	W	D		DF/SP		SPF/HF		
					Compression	Tension	Compression	Tension	
TSBR2-16 (Min.)	17 1/2	1 1/4	1 1/4	(2) 0.148 x 3	540	180	465	155	—
TSBR2-16 (Max.)	17 1/2	1 1/4	1 1/4	(4) 0.148 x 1 1/2	540	465	465	400	
TSBR2-24 (Min.)	25 1/2	1 3/4	1	(2) 0.148 x 3	500	180	430	155	IBC, FL
TSBR2-24 (Max.)	25 1/2	1 3/4	1	(4) 0.148 x 1 1/2	500	465	430	400	

1. Loads may not be increased for duration of load.
2. Minimum nailing meets or exceeds the temporary lateral-restraint recommendations of SBCA/TPI BCSI.
3. **Fasteners:** Nail dimensions are listed diameter by length. See pp. 21–22 for fastener information.

# TSBR Truss Spacer Restraint

The TSBR captures the on-center spacing of CFS truss chords and webs and laterally restrains the truss members, allowing quicker, easier and safer installations. The tubular shape provides strength in both compression and tension.

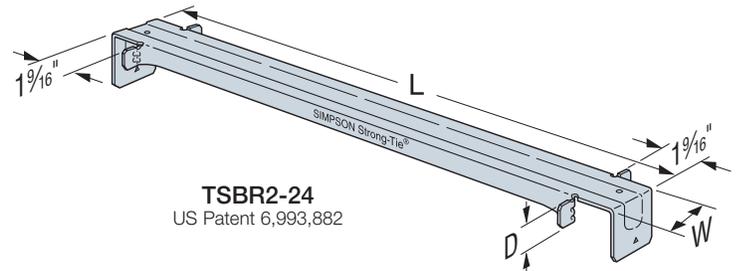
**Material:** 27 mil (22 ga.)

**Finish:** Galvanized

**Installation:**

- Use all specified fasteners; see General Notes

**Codes:** See p. 11 for Code Reference Key Chart

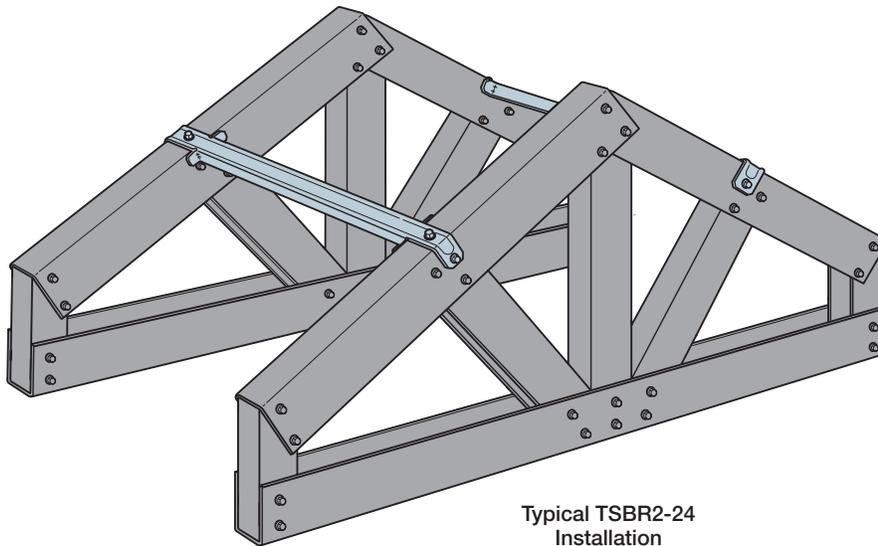


Model No.	Dimensions (in.)				Fasteners <sup>3</sup>		Allowable Load (lb.)		Code Ref.
	W	L <sup>2</sup>	H	B	Bend End	Straight End	Compression 33 mil (20 ga.)	Tension 33 mil (20 ga.)	
TSBR2-24	1½	25½	1	1¾	(1) #10	(1) #10	455	215	—
					(2) #10	(2) #10	455	575	

1. Designer shall ensure attached members are adequately designed to resist applied loads.

2. Length, L, equals the effective out-to-out dimension of the braced trusses.

3. See *Fastening Systems* catalog (C-F-2019) on [strongtie.com](http://strongtie.com) for more information on Simpson Strong-Tie fasteners.



Typical TSBR2-24  
Installation