

W/WP Hangers

This series of purlin hangers offer the greatest design flexibility and versatility.

MATERIAL: Stirrup—97 mil (12 ga)

FINISH: Simpson gray paint. Some models available hot-dip galvanized; specify HDG, see Corrosion Information on page 12–13.

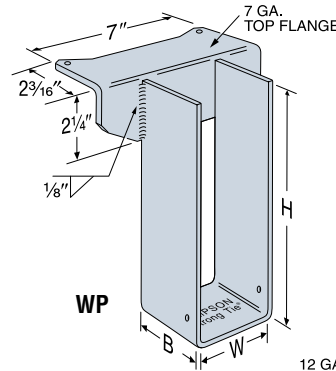
INSTALLATION: Hangers may be welded to steel headers with 1/8" for W and 3/16" for WP by 1/2" fillet welds located at each end of the top flange.

OPTIONS: • W and H dimensions are modifiable.

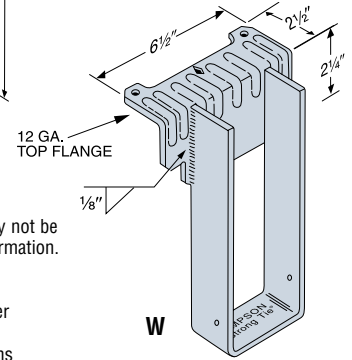
SLOPED AND/OR SKEWED SEAT

- W/WP series may be skewed to a maximum of 84° and/or sloped to a maximum of 45°.
- For slope only, skew only, or slope and skew combinations, the allowable load is 100% of the table load.
- Specify the slope up or down in degrees from the horizontal plane and/or the skew right or left in degrees from the perpendicular vertical plane. Specify whether low side, high side or center of joist will be flush with the top of the header.

CODE: See page 8 for Code Listing Key Chart.



Some model configurations may differ from those shown. Call factory for details.



Model No.	Dimensions			Fasteners		Allowable Down Loads (100)	Code Ref.
	W	H	B	Header	Joist		
W	1 1/2 - 4	4" - 30	2 1/2 - 5	Weld	1- #10	2335	170
WP	1 1/4 - 7 1/2	4" - 30	2 1/2 - 5	Weld	1- #10	3650	

1. Tabulated loads are governed by tests and may not be increased. Refer to page 12 for additional information.
2. For hanger heights exceeding the joist height the allowable load is 0.50 of the table value.
3. The Designer shall insure that the joist member adequately transfers load to the hanger.
4. Not all combinations of W, H, and B dimensions are available. Contact factory.

Hangers

S/LBV & S/B Hangers

Precision forming with manufacturing quality control provides dimensional accuracy and helps ensure proper bearing area and connection.

S/LBV and S/B flanges encapsulate the top flange of the joist.

MATERIAL: S/LBV—68 mil (14 ga);

S/B—97 mil (12 ga)

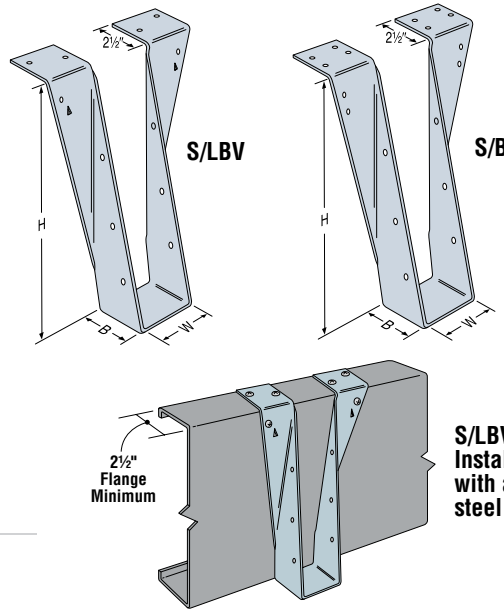
FINISH: Galvanized

INSTALLATION:

- S/LBV and S/B may be used for weld-on applications; a minimum of 1/8" x 2" fillet weld on each top flange is required. Distribute the weld equally on both top flanges. Consult the code for special considerations when welding galvanized steel. Uplift loads do not apply.

OPTIONS: Skew only: S/LBV and S/B series can be skewed to a maximum of 45°.

CODE: See page 8 for Code Listing Key Chart.



S/LBV, S/B, are acceptable for weld-on applications (S/LBV shown)

S/LBV Installation with a CFS steel header

S/B Series Model No.	S/LBV Series Model No.	Width (in)
S/B1.56	S/LBV1.56	1 1/16
S/B1.81	S/LBV1.81	1 13/16
S/B2.06	S/LBV2.06	2 1/16
S/B2.37	S/LBV2.37	2 3/8
S/B2.56	S/LBV2.56	2 9/16
S/B2.68	S/LBV2.68	2 11/16
S/B3.12	S/LBV3.12	3 1/8
S/B3.56	S/LBV3.56	3 9/16
S/B3.62	S/LBV3.62	3 5/8
S/B4.06	S/LBV4.06	4 1/16
S/B4.12	S/LBV4.12	4 1/8
S/B4.28	S/LBV4.28	4 9/32
S/B4.75	S/LBV4.75	4 3/4
S/B5.50	S/LBV5.50	5 1/2

Model No.	Dimensions			Fasteners			Allowable Loads (100)			Code Ref.
	W	H	B	Top	Face	Joist	Uplift		Down Welded	
							68 mil. (14 ga)	68 mil. (14 ga)		
S/LBV	See Table	6 to 20	2 1/4	4- #10	2- #10	3- #10	1010	2870	—	151
S/LBV - Skew				4- #10	2- #10	3- #10	—	2025	—	
S/LBV - Weld				Weld	—	3- #10	—	—	2865	

Model No.	Dimensions			Fasteners			Allowable Loads (100)			Code Ref.
	W	H	B	Top	Face	Joist	Uplift		Down Welded	
							97 mil. (12 ga)	97 mil. (12 ga)		
S/B	See Table	6 to 30	3-5	8- #10	4- #14	3- #14	1855	5460	—	151
S/B - Skew				8- #10	4- #14	3- #14	—	3840	—	
S/B - Weld				Weld	—	3- #14	—	—	5575	

1. Tabulated loads are governed by tests and may not be increased. Refer to page 12 for additional information.
2. Designer shall insure that the joist member adequately transfers load to the hanger.
3. Steel header must be braced to prevent buckling per Designer specification.