

See tables on pages 57 to 59. See Hanger Options on pages 149 to 154 for hanger modifications, which may result in reduced loads.

**MATERIAL:** See tables, pages 57 to 59.

**FINISH:** JB, LB, B and HB—Galvanized; HHB—all saddle hangers and all welded sloped and special hangers—Simpson gray paint. B, HB and HHB may be ordered hot-dip galvanized; specify HDG.

**INSTALLATION:** • Use specified fasteners. See General Notes and nailer table.

- LB, B, HB and HHB may be used for weld-on applications. The minimum required weld to the top flanges is 1/8" x 2" fillet weld to each side of each top flange tab for 14 and 12 gauge and 3/16" x 2" fillet weld to each side of each top flange tab for 7 gauge. Distribute the weld equally on both top flanges. Welding cancels the top and face nailing requirements. Consult the code for special considerations when welding galvanized steel. The area should be well-ventilated. Weld on applications produce the maximum allowable load listed. Uplift loads do not apply to welded applications.
- Web stiffeners are required for use with this hanger style.
- Ledgers must be evaluated for each application separately. Check TF dimension, nail length and nail location on ledger.

**OPTIONS:** • B, HB, and HHB

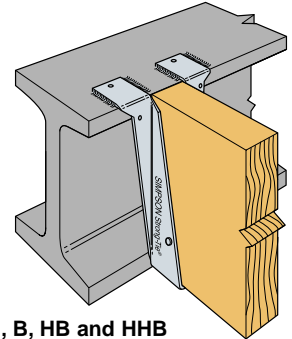
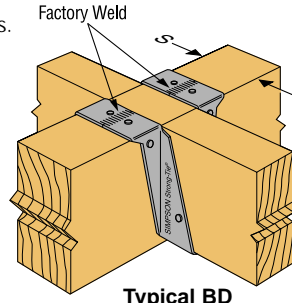
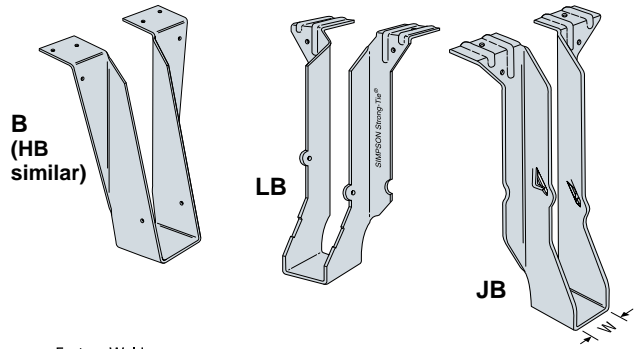
- Other widths are available; specify W dimension (the minimum W dimension is 1 3/4").
- Saddle hangers are made to order; add "D" to model (e.g. HHBD412); specify S (for saddle) dimension. They may be used for most conditions except at end wall locations, and are preferred for nailer applications.
- B dimensions may be increased on some models.
- See Hanger Options, page 150. For LBV option, see LBV.

**CODES:** BOCA, ICBO, SBCCI NER-393; ICBO 5117; City of L.A. RR 24947, RR 24818.

**NAILER TABLE**

This table also applies to sloped-seat hangers.

Model No.	Nailer	Header Nails	Allowable Loads	
			DF/SP	SPF
LB26	2x	4-10dx1 1/2	850	—
LB28	2x	4-10dx1 1/2	915	—
LB210	2x	4-10dx1 1/2	915	—
LB212	2x	4-10dx1 1/2	915	—
LB214	2x	4-10dx1 1/2	915	—
LB216	2x	4-10dx1 1/2	1150	—
B	2x	6-10dx1 1/2	1150	—
	2-2x	6-10d	1400	—
	3x	6-16dx2 1/2	2415	—
	4x	6-16d	2415	—
HB	2-2x	8-10d	2495	—
	4x	8-16d	3610	—



LB, B, HB and HHB are acceptable for weld-on applications. See Instructions to the Installer, page 7, note e.

**B SERIES WITH VARIOUS HEADER APPLICATIONS**

Model Series	Fasteners			Allowable Loads Header Type							
	Top	Face	Joist <sup>1</sup>	Uplift (133)	Uplift (160)	LVL	PSL	LSL	DF/SP	SPF	I-Joist
B	2 -10dx1 1/2	2-10dx1 1/2	2-10dx1 1/2	245	295	1500	1825	—	1150	1150	—
	2 -10d	2-10d	2-10dx1 1/2	245	295	1835	1975	—	1400	1400	—
	2 -16d	2-16d	2-10dx1 1/2	245	295	1835	2225	—	2415	1500	—
HB	4-10d	4-10d	4-10d	615	615	3000	2820	—	3835	2050	—
	4-16d	4-16d	4-10d	615	615	3335	3100	—	3835	2785	—

1. Uplift loads have been increased 33% and 60% for wind or earthquake loading with no further increase allowed. Reduce by 33% and 60% for normal loading such as in cantilever construction.
2. Loads may not be increased for short-term loading.

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**HUTF/HUSTF** HEAVY DUTY AND DOUBLE SHEAR JOIST HANGERS

See dimensions, material, loads on table pages listed above.

HUTF has the double shear nailing advantage—distributing the joist load through two points on each nail for greater strength.

**FINISH:** Galvanized. Some products available with Z-MAX coating; see Corrosion-Resistance, page 5.

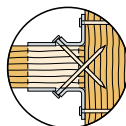
**INSTALLATION:** • Use all specified fasteners. See General Notes.

- Not acceptable for nailer or welded applications; see W and B hangers.
- HUTF—The minimum header or ledger size that can be used with this hanger is 3 1/2".
- HUSTF—With 3x carrying members, use 16dx2 1/2" nails into the header and 16d commons into the joist.

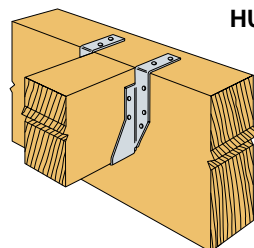
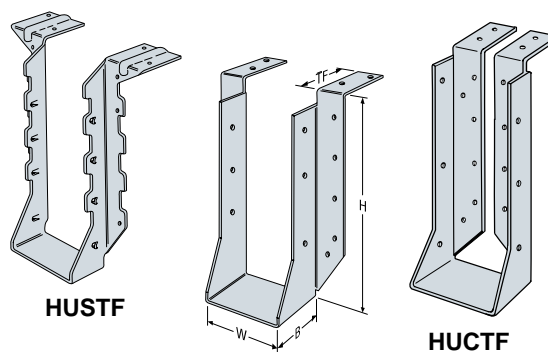
**OPTIONS:** • HUTF Rough beam sizes are available by special order.

- See Hanger Options on page 151 for skewed hangers.
- Available with flanges turned in (2-2x and 4x only for HUSCTF. 2 3/16" or greater for HUCTF).

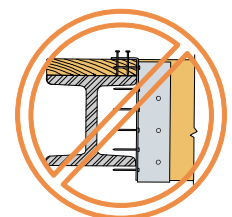
**CODES:** BOCA, ICBO, SBCCI NER-209; ICBO 5117; City of L.A. RR 24947, RR 24949.



Double Shear Nailing



Typical HUTF Installation



Nailer application is NOT acceptable. Fasteners cannot be installed.

U.S. Patent 4,480,941

Solid Sawn Connectors