

# Indoor Architectural Products

## Ornamental — Joist Hanger

The OHU ornamental joist hangers are heavy-duty, load-rated joist hangers that are attached with ¼" x 3" Strong-Drive® double-barrier coating SDS Heavy-Duty Connector screws (supplied with product).

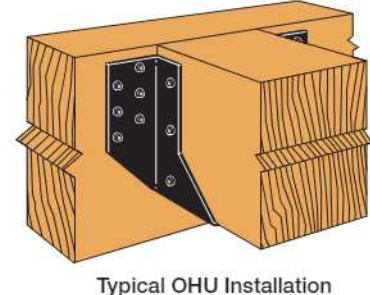
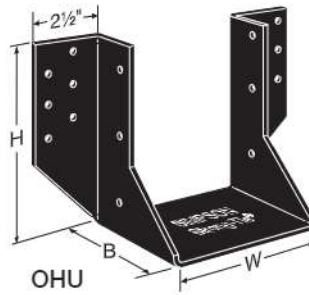
**Material:** 12 gauge

**Finish:** Black powder coat

**Options:**

- No modifications

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



Typical OHU Installation

Model No.	Joist Size	Ga.	Dimensions (in.)			No. of ¼" x 3" SDS Wood Screws		DF/SP Allowable Loads				SPF/HF Allowable Loads				Code Ref.
			W	H	B	Face	Joist	Uplift (160)	Floor (100)	Snow (115)	Roof (125)	Uplift (160)	Floor (100)	Snow (115)	Roof (125)	
OHU46-SDS3	4x6	12	3 <sup>9</sup> / <sub>16</sub>	5	4	6	4	1,930	2,520	2,900	3,150	1,390	1,800	2,070	2,250	
OHU48-SDS3	4x8	12	3 <sup>9</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	4	8	6	2,765	3,360	3,865	4,200	1,990	2,400	2,760	3,000	
OHU410-SDS3	4x10	12	3 <sup>9</sup> / <sub>16</sub>	8 <sup>3</sup> / <sub>4</sub>	4	12	6	2,765	5,040	5,795	6,300	1,990	3,600	4,140	4,500	
OHU412-SDS3	4x12	12	3 <sup>9</sup> / <sub>16</sub>	10 <sup>3</sup> / <sub>4</sub>	4	12	8	3,565	5,040	5,795	6,300	2,570	3,600	4,140	4,500	
OHU414-SDS3	4x14	12	3 <sup>9</sup> / <sub>16</sub>	12 <sup>3</sup> / <sub>4</sub>	4	14	10	3,565	5,880	6,760	7,350	2,570	4,200	4,830	5,250	
OHU66-SDS3	6x6	12	5 <sup>1</sup> / <sub>2</sub>	5	4	6	4	1,930	2,520	2,900	3,150	1,390	1,800	2,070	2,250	
OHU68-SDS3	6x8	12	5 <sup>1</sup> / <sub>2</sub>	7	4	12	6	2,765	5,040	5,795	5,955	1,990	3,600	4,140	4,290	
OHU610-SDS3	6x10	12	5 <sup>1</sup> / <sub>2</sub>	9	4	14	6	2,765	5,880	6,760	6,885	1,990	4,200	4,830	4,960	
OHU612-SDS3	6x12	12	5 <sup>1</sup> / <sub>2</sub>	11	4	16	8	3,565	6,720	7,730	7,815	2,570	4,800	5,520	5,630	
OHU614-SDS3	6x14	12	5 <sup>1</sup> / <sub>2</sub>	13	4	18	10	3,565	7,560	8,695	8,745	2,570	5,400	6,210	6,300	

1. Uplift loads have been increased for earthquake or wind loading with no further increase allowed. Reduce where other loads govern.
2. **Fasteners:** SDS screws are Simpson Strong-Tie® Strong-Drive SDS Heavy-Duty Connector screws. See pp. 21–22 for fastener information.

## Special Order Parts

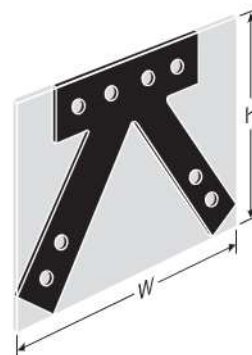
Simpson Strong-Tie can make a variety of flat and bent steel shapes, which include gusset plates for heavy timber trusses, custom ornamental shapes and retaining plates.

**Material:** 3 gauge maximum

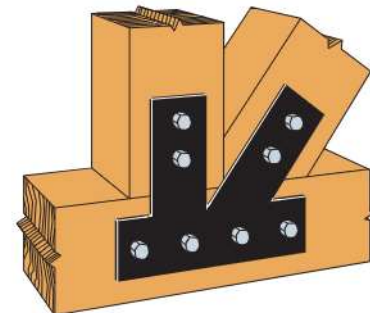
**Finish:** Galvanized, black powder coat, Simpson Strong-Tie gray paint, stainless steel. Contact Simpson Strong-Tie for availability.

**To Obtain a Quote:**

- Supply a CAD drawing in .dxf format complete with plate dimensions, hole diameter and locations, steel thickness, desired finish (Simpson Strong-Tie gray paint, black powder-coat, HDG or raw steel)
- Total plate shape and size up to maximum dimensions of 48" x 48" (approx. ¼" tolerance)
- Simpson Strong-Tie does not provide product engineering or load values for special order plates
- Contact Simpson Strong-Tie for pricing information
- Refer to General Notes, note g on p. 17 for additional information



"W" and "H" indicate the envelope size of the steel shape.



Typical Installation (plate shown has black powder coat)