

CONCEALED JOIST TIES

The **CJT** is a concealed connector. It can be installed three ways: with no routing of header/post or beam; a routed header/post, or a routed beam.

MATERIAL: 12 gauge

FINISH: Galvanized

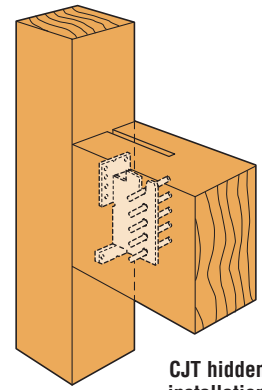
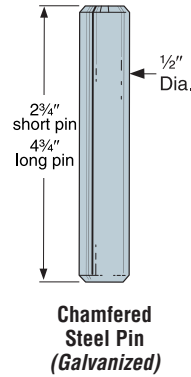
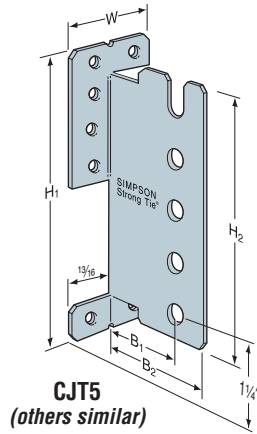
INSTALLATION: • Use all specified fasteners.

See General Notes.

- The CJT Pack is supplied with all pins and screws required. Screws require a Phillips® # 3 driver.
- The joist/beam may be sloped to 45° with full table loads.
- Request F-CJT-R flier for installation instructions and ordering information.

OPTIONS: Order short or long pins, eg. CJT3S or CJT3L.

CODES: See page 10 for Code Listing Key Chart.

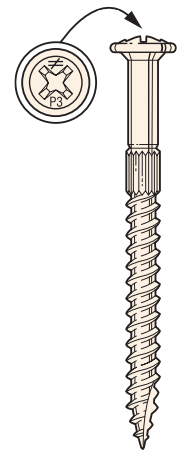


CJT hidden installation connects beam to post or header

Model No.	Min. Joist Size	Dimensions					Fasteners		Allowable Loads					Code Ref.
		W	H ₁	H ₂	B ₁	B ₂	Screws	Pins	Uplift (133)	Floor (100)	Snow (115)	Roof (125)		
DOUGLAS-FIR														
CJT3	4x8	2 3/8	5 9/16	4 7/16	2 5/8	3 1/2	6	3-2 3/4(3-4 3/4)	1655 (1725)	1050 (1050)	1050 (1050)	1050 (1050)	35	
CJT4	4x10	2 3/8	7	5 15/16	2 5/8	3 1/2	8	4-2 3/4(4-4 3/4)	2460 (2460)	2440 (2440)	2805 (2805)	2815 (2815)		
CJT5	4x10	2 3/8	8 9/16	7 7/16	2 5/8	3 1/2	10	5-2 3/4(5-4 3/4)	3255 (3490)	3005 (3070)	3455 (3530)	3755 (3840)		
CJT6	4x12	2 3/8	10	8 15/16	2 5/8	3 1/2	12	6-2 3/4(6-4 3/4)	4005 (4775)	3535 (3535)	3990 (3990)	3990 (3990)		
GLULAM BEAM														
CJT3	3 1/8x6	2 3/8	5 9/16	4 7/16	2 5/8	3 1/2	6	3-2 3/4(3-4 3/4)	1655 (1725)	1240 (1240)	1240 (1240)	1240 (1240)	35	
CJT4	3 1/8x7 1/2	2 3/8	7	5 15/16	2 5/8	3 1/2	8	4-2 3/4(4-4 3/4)	2460 (2460)	2440 (2440)	2805 (2805)	2900 (2900)		
CJT5	3 1/8x9	2 3/8	8 9/16	7 7/16	2 5/8	3 1/2	10	5-2 3/4(5-4 3/4)	3255 (3490)	3005 (3070)	3455 (3530)	3755 (3840)		
CJT6	3 1/8x10 1/2	2 3/8	10	8 15/16	2 5/8	3 1/2	12	6-2 3/4(6-4 3/4)	4005 (4775)	3535 (3685)	4065 (4240)	4420 (4605)		
PSL														
CJT3	3 1/2x9 1/2	2 3/8	5 9/16	4 7/16	2 5/8	3 1/2	6	3-2 3/4(3-4 3/4)	1655 (1725)	1840 (2160)	2115 (2160)	2160 (2160)	35	
CJT4	3 1/2x9 1/2	2 3/8	7	5 15/16	2 5/8	3 1/2	8	4-2 3/4(4-4 3/4)	2460 (2460)	2145 (2145)	2145 (2145)	2145 (2145)		
CJT5	3 1/2x9 1/2	2 3/8	8 9/16	7 7/16	2 5/8	3 1/2	10	5-2 3/4(5-4 3/4)	3255 (3490)	3005 (3070)	3455 (3530)	3755 (3840)		
CJT6	3 1/2x10 1/2	2 3/8	10	8 15/16	2 5/8	3 1/2	12	6-2 3/4(6-4 3/4)	4005 (4775)	3535 (3685)	4065 (4240)	4420 (4605)		

1. Long pin loads are listed in ().
2. SDP1/4x3 has the same load as an SDS1/4x3. It requires 1 3/4" penetration, 2 1/2" minimum end distance, and 5/8" minimum edge distance for full values.

WARNING: Industry studies show that hardened fasteners can experience performance problems in wet environments. Accordingly, use this product in dry, interior applications only.



SDS 1/4x3 (Yellow Zinc)

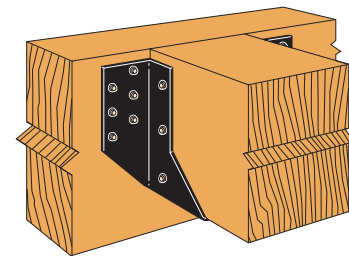
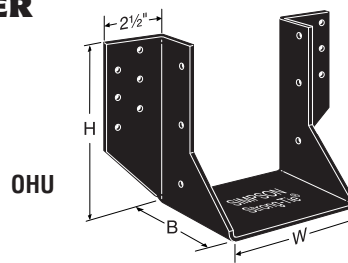
ORNAMENTAL - JOIST HANGER

The **OHU** Ornamental Joist Hangers are heavy duty, load-rated joist hangers that are attached with Simpson 1/4x3 SDS wood screws (supplied with product).

MATERIAL: 12 Gauge

FINISH: Textured powder-coated flat black paint.

CODES: See page 10 for Code Listing Key Chart.



Typical OHU Installation

Model No.	Joist Size	Ga	W	H	B	No. of SDS 1/4x3 Wood Screws		Douglas Fir					Spruce Pine Fir					Code Ref.
						Face	Joist	Uplift (133)	Uplift (160)	Floor (100)	Snow (115)	Roof (125)	Uplift (133)	Uplift (160)	Floor (100)	Snow (115)	Roof (125)	
OHU46-SDS3	4x6	12	3 3/16	5	4	6	4	1535	1535	1840	2120	2305	1290	1290	1585	1820	1980	170
OHU48-SDS3	4x8	12	3 3/16	6 3/4	4	8	6	1535	1535	2455	2675	2675	1290	1290	2110	2245	2245	
OHU410-SDS3	4x10	12	3 3/16	8 3/4	4	12	6	2455	2525	3685	4235	4605	2110	2120	3170	3645	3960	
OHU412-SDS3	4x12	12	3 3/16	10 3/4	4	12	8	2525	2525	3685	4235	4605	2120	2120	3170	3645	3960	
OHU414-SDS3	4x14	12	3 3/16	12 3/4	4	14	10	2525	2525	4300	4945	5375	2120	2120	3695	4250	4620	
OHU66-SDS3	6x6	12	5 1/2	5	4	6	4	1535	1535	1840	2120	2305	1290	1290	1585	1820	1980	
OHU68-SDS3	6x8	12	5 1/2	7	4	12	6	2455	2525	3685	4235	4605	2110	2120	3170	3645	3960	
OHU610-SDS3	6x10	12	5 1/2	9	4	14	6	2455	2525	4300	4945	5375	2110	2120	3695	4250	4620	
OHU612-SDS3	6x12	12	5 1/2	11	4	16	8	2525	2525	4910	5630	5630	2120	2120	4225	4730	4730	
OHU614-SDS3	6x14	12	5 1/2	13	4	18	10	3950	3950	5525	6355	6860	3320	3320	4750	5465	5765	

1. Allowable loads have been increased 33% and 60% for earthquake or wind loading with no further increase allowed; reduce where other loads govern.