

# CONCEALED JOIST HANGERS

## CJHQ series

CJHQ concealed joist hangers discreetly secure wood joists to posts and beams. These innovative hangers use a new installation method and provide a hidden structural connection for a clean look in architectural applications.

The innovative mesh design makes installation easier by allowing the screws to be installed in a larger target area. Precise drilling for pins and bolts is not needed, making installation much easier.

CJHQ joist hangers come in models suitable for 4x6, 4x8, 4x10, and 4x12 nominal and rough-cut lumber joists and may be installed in pairs in 6x members.

**Materials:** 12 gauge

**Finish:** G-185 galvanizing

**Codes:** ESR-5695 (IBC & IRC, LABC & LARC),  
FL47554 (FBC w/HVHZ)

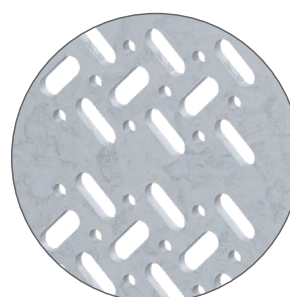
**Installation:** (Page 2)



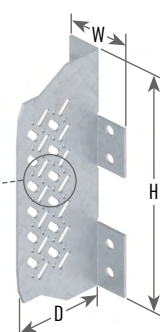
Typical CJHQ8-TZ  
single installation



Typical CJHQ8-TZ  
double installation



Innovative  
Mesh Design



CJHQ

MITek Stock No.	Ref. No.	Steel Gauge	Dimensions (in)			Qty of CJHQs <sup>3</sup>	Recommended Joist Size	Fastener Schedule <sup>2</sup>				DF/SP Allowable Loads (Lbs.)				S-P-F Allowable Loads (Lbs.)				Ctn Qty
			W	H	D			Header		Joist		Floor	Roof	Uplift <sup>1</sup>	Floor	Roof	Uplift <sup>1</sup>			
								Qty	Type	Qty	Type									
CJHQ6-TZ	CJT3Z	12	1-13/16	5-7/16	2-3/4	1	4x 6	6	CCWS3	6	CCWS3	1775	2040	2090	2090	1435	1650	1650	6	
						2	6 x 8	12		10		2955	2955	2955	2955	2330	2330	2330		
CJHQ8-TZ	CJT4Z	12	1-13/16	6-7/16	2-3/4	1	4 x 8	8	CCWS3	8	CCWS3	2370	2725	2960	3040	1915	2205	2395	2405	6
						2	6 x 8	16		12		3550	4085	4440	4580	2875	3305	3590	3620	
CJHQ10-TZ	CJT5Z	12	1-13/16	8-7/16	2-3/4	1	4 x 10	10	CCWS3	10	CCWS3	2960	3405	3700	4415	2395	2755	2995	3495	6
						2	6 x 10	20		16		4735	5445	5920	6025	3830	4405	4770	4770	
CJHQ12-TZ	CJT6Z	12	1-13/16	9-7/16	2-3/4	1	4 x 12	12	CCWS3	12	CCWS3	4750	5285	5285	5285	4080	4205	4205	4205	6
	HCJTZ					2	6 x 12	24		18		8065	8275	8275	8275	6525	6580	6580	6580	

1) Uplift loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.

2) MiTek's CCWS3 (1/4" dia. x 3" long) structural wood screws are included with CJHQ joist hangers.

3) Maximum joist width for a standard single installation is 4".

Phone: 1-800-328-5934 | Fax: 1-952-898-8605 | Email: [customerservice@mii.com](mailto:customerservice@mii.com) | [MiTek-US.com](http://MiTek-US.com)

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# CONCEALED JOIST HANGERS

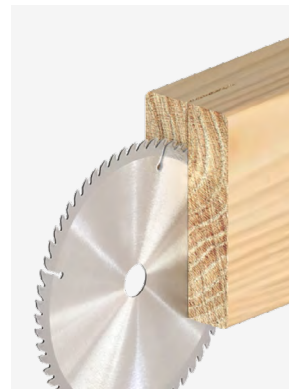
CJHQ series

## Installation:



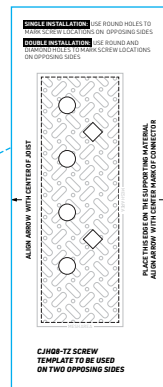
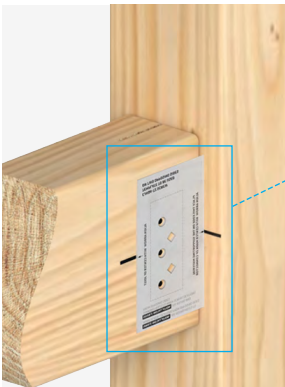
### 1. ATTACH HANGER TO SUPPORTING MEMBER

- Place hanger onto the main member in the location of the joist. Check for plumb.
- Center of hanger will align in center of carried joist.
- Install CCWS3 into main member through holes in connector.



### 2. CUT AND INSTALL JOIST

- 1/8" wide cut x 2-5/8" deep centered on the end of the joist.



### 3. USE TEMPLATE

- Measure joist height and mark center; mark connector center height.
  - A. Place joist onto joist hanger and brace temporarily. Align center of supported member with the center of the hanger.
- Align template with center of the joist and rest on the supporting member.
- Mark screw locations onto joist from both sides using the same template.
- Diamond holes are for a double hanger installation, see MiTek-US.com for more information.



### 4. INSTALL SCREWS

- Predrilling recommended with 5/32" bit, up to but not through knife plate.
- Drive CCWS3 screws with a T25\* bit from each side.

\*T25 is a trademark of Acument



### 5. INSTALL COMPLETE