

THAI Adjustable Strap Hanger



THAI ARE A ONE PIECE, NON-WELDED, JOIST HANGER FOR SUPPORTING COMPOSITE TIMBERS FROM TIMBER MEMBERS.

The model number and size is stamped onto the seat of most sizes for easy identification of the hanger, even after installation.

- Designed for I-joists, has extra long straps and can be field-formed to give height adjustability and top flange hanger convenience. Positive angle nailing helps eliminate splitting of the I-joist's bottom flange.
- Extra nail holes are provided for access in some conditions. Not all strap nail holes need to be filled. See table for nailing requirements.
- THAI-2 must be factory ordered for hanger width needed. See table for allowable widths.

MATERIAL:

THAI: 1.2mm; THAI-2: 2.0mm pre-galvanised mild steel.

INSTALLATION:

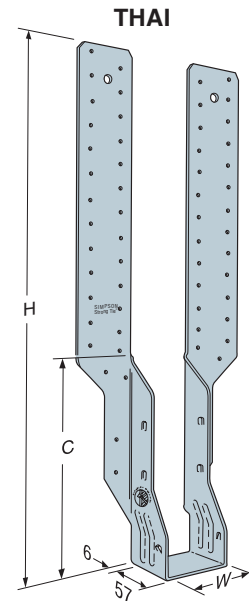
Use all specified fasteners. See "General Notes" (page 12). Two different installation methods are available depending on the availability of nailing surface. Web stiffeners are required when using this hanger type.

Maximum Nailing:

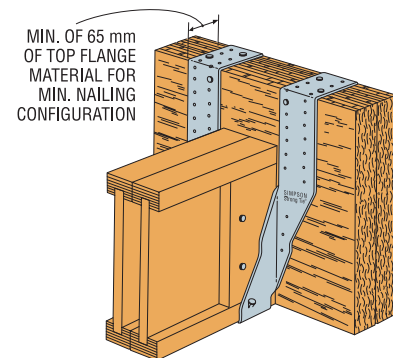
For applications where all the nails listed in the table can be properly installed. Install the quantity of face nails shown into the straps for full table load and two 3.75 x 30mm nails driven downward at a 45° angle into the I-joist's bottom flange. The THAI has additional nail holes - not all holes are required to be filled to achieve listed loads.

Minimum Nailing:

For applications where the strap is wrapped over the top of the support. Install nails into each strap at the face surface of the hanger and 3.75 x 30mm nails driven downward at a 45° angle into the I-joist bottom flange. Then two nails into each strap at the top of the support after forming tight bend. Bend top flange a minimum of 65mm.



Typical THAI Installation



Joist Width (mm)	Model No.	Dimensions (mm)			Number of Fasteners			Safe Working Load (kN) ¹			Characteristic Capacity (kN)	
		H	W	C	Carrying Member ²		Carried Member ³	Long Term Download	Medium Term Download	Short Term Uplift	Download	Uplift
					Top	Face						
Minimum Nailing: With Top Flange Wrap Over												
38 x 241 to 302	THAI222	580	40	238	4	2	2	4.1	4.7	0.5	9.87	1.05
45 x 241 to 356	THAI1.81/22	577	46	235				4.1	4.7	0.5	9.91	1.05
58 x 241 to 356	THAI3522	570	59	228				4.2	4.8	0.5	9.99	1.05
89 x 241 to 256	THAI422	555	90	220				4.2	4.8	0.5	10.00	1.05
Variable	THAI-2	550	76-133	224				4.4	5.0	0.5	10.57	1.05
Maximum Nailing: With All Nail Holes Filled												
38 x 241 to 302	THAI222	580	40	238	-	20	2	4.8	5.5	0.5	11.48	1.05
45 x 241 to 356	THAI1.81/22	577	46	235				5.5	6.3	0.5	13.21	1.05
58 x 241 to 356	THAI3522	570	59	228				6.9	7.8	0.5	16.44	1.05
89 x 241 to 356	THAI422	555	90	220				9.4	10.7	0.5	22.45	1.05
Variable	THAI-2	550	76-133	224				8.9	10.2	0.5	21.38	1.05

1. Safe working loads are derived from tests conducted in the U.S. See "General Notes" (page 12).
 2. For carrying member use 3.75mm x 75mm nails.
 3. For carried member use 3.75mm x 30mm nails.