



The THA is a one-piece joist hanger supporting trussed rafters and composite timbers from timber members. The THA can be installed with a number of fixing options, for greater load capacity. See table below for fixing options. Available in seat widths from 38mm to 100mm.

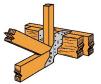
CE

UK-DoP-e06/0270, ETA-06/0270

## **FEATURES**

#### Material

Pre-galvanised mild steel







# **APPLICATIONS**

## Suitable On

- Solid sawn timber
- Engineered timber

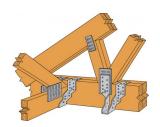
# When to Use

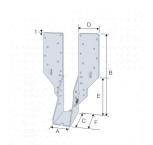
- Trusses
- Joists



# **TECHNICAL DATA**

#### **Product Dimensions**





References			- wrap (N3.75) nails or N Double	nensions o over (30 joist N3.75x75 e Shear s) [mm]	- wrap (N3.75x	nensions o over 75 Nails ut) [mm]	Product Dimensions [mm]							Header holes	Joist holes
	Header		Hea	Header Head		ader				_	_			~	Dome
	Min	Max.	Min	Max.	Min	Max.	Α	В	С	D	Е	F	t	Ø4.1	nail holes
THA38	38	197	38	122	38	147	38	226	62.5	59.5	114	64.5	1.2	22	6
THA44	44	197	44	122	44	147	44	223	62.5	59.5	111	64.5	1.2	22	6
THA50	50	197	50	122	50	147	50	220	62.5	59.5	108	64.5	1.2	22	6
THA75	75	197	75	122	75	147	75	232.5	62.5	59.5	120	64.5	1.2	22	6
THA100	100	197	100	122	100	147	100	220	62.5	59.5	108	64.5	1.2	22	6

# **Product capacities - Timber to timber - Face fix installation**

		Number of	Fasteners			cteristic ries [kN]	Safe working loads - C27/TR26 [kN]			
References	Hea	ader	Jo	Joist R <sub>1.k</sub>		R <sub>2.k</sub>	R <sub>1,SWL,Long</sub>	R <sub>1,SWL,Medium</sub>	R <sub>2,SWL,Short</sub>	
	Qty	Туре	Qty	Туре	C27/TR26 N3.75x30	N3.75x30	N3.75x30	N3.75x30	N3.75x30	
THA38	20	*	6	N3.75x30	12.4	3.7	5.2	5.9	1.9	
THA44	20	*	6	N3.75x30	12.4	3.7	5.2	5.9	1.9	
THA50	20	*	6	N3.75x30	12.4	3.7	5.2	5.9	1.9	
THA75	20	*	6	N3.75x30	12.4	3.7	5.2	5.9	1.9	
THA100	20	*	6	N3.75x30	12.4	3.7	5.2	5.9	1.9	

<sup>\*</sup> Refer to capacity table columns for type of fasteners that can be used on header. Capacities depending on fastener type.

# Product capacities - Timber to timber - Face fix installation (Double Shear Joist Nails)

		Number of	Fasteners		Characterist - Timber C2	ic capacities 7/TR26 [kN]	Safe working loads - C27/TR26 [kN]			
References	Hea	ader	Jo	ist	R <sub>1.k</sub>	$R_{2,k}$	R <sub>1,SWL,Long</sub>	R <sub>1,SWL,Medium</sub>	R <sub>2,SWL,Short</sub>	
					1.10	2.10	Term	Term	Term	
	Qty	Type	Qty	Type	N3.75x30	N3.75x30	N3.75x30	N3.75x30	N3.75x30	
THA38	20	N3.75*	6	N3.75x75	15.4	5.3	6.4	7.3	2.7	
THA44	20	N3.75*	6	N3.75x75	15.4	5.3	6.4	7.3	2.7	

Winchester Road Cardinal Point Tamworth Staffordshire B78 3HG tel: +44 1827 255600 / fax: +44 1827 255616

THA - Adjustable Truss Hanger

page 2/5



		Number of	Fasteners			ic capacities 7/TR26 [kN]	Safe working loads - C27/TR26 [kN]			
References	Header		Jo	Joist		R <sub>2.k</sub>	R <sub>1,SWL,Long</sub>	R <sub>1,SWL,Medium</sub>	R <sub>2,SWL,Short</sub>	
	Qty	Туре	Qty	Туре	N3.75x30	N3.75x30	N3.75x30	N3.75x30	N3.75x30	
THA50	20	N3.75*	6	N3.75x75	15.4	5.3	6.4	7.3	2.7	
THA75	20	N3.75*	6	N3.75x75	15.4	5.3	6.4	7.3	2.7	
THA100	20	N3.75*	6	N3.75x75	15.4	5.3	6.4	7.3	2.7	

<sup>\*</sup> Refer to capacity table columns for type of fasteners that can be used on header. Capacities depending on fastener type.

#### Product capacities - Timber to timber - Face fix installation (N3.75x75 Nails throughout)

Deferences	Number of	Fasteners		ic capacities R26 [kN]	Safe working Loads - C27/TR26 [kN]			
References	Header	Joist	R <sub>1,k</sub>	$R_{2,k}$	R <sub>1,SWL,Long Term</sub>	R <sub>1,SWL,Medium Term</sub>	R <sub>2,SWL, Short Term</sub>	
	Qty	Qty	N3.75x75	N3.75x75	N3.75x75	N3.75x75	N3.75x75	
THA50	26	6	20.46	5.3	8.6	9.8	2.7	
THA100	26	6	20.46	5.3	8.6	9.8	2.7	

#### **Product capacities - Timber to timber - Wrap over installation**

	N	umber of Fastene	ers	Characteristic	Capacities [kN]	Safe Working Loads - C27/TR26 [kN]			
References	Hea	ader	Joist	R <sub>1,k</sub>	R <sub>2,k</sub>	R <sub>1,SWL,Long Term</sub>	R <sub>1,SWL,Medium</sub>	R <sub>2,SWL,Short Term</sub>	
	Тор	Face	Qty	C27/TR26	N3.75x30	N3.75x30	N3.75x30	N3.75x30	
	Qty	Qty	Qty	N3.75x30	143.73230	143.73830	143.73830	140.73830	
THA38	4	8	6	10.5	3.7	4.4	5	1.9	
THA44	4	8	6	10.5	3.7	4.4	5	1.9	
THA50	4	8	6	10.5	3.7	4.4	5	1.9	
THA75	4	8	6	10.5	3.7	4.4	5	1.9	
THA100	4	8	6	10.5	3.7	4.4	5	1.9	

# Product capacities - Timber to timber - Wrap over installation (Double Shear Joist Nails)

References			Number of	Fasteners		Characteristic capacities - C27/TR26 [kN]		Safe Working Loads - C27/TR26 [kN]			
		Hea	ader		Jo	Joist		R <sub>2,k</sub>	R <sub>1,SWL,Long</sub>	R <sub>1,SWL,Medium</sub>	R <sub>2,SWL,Short</sub>
	To	ор	Face		Qty	Туре	N3.75x30	N3.75x30	N3.75x30	N3.75x30	N3.75x30
	Qty	Type	Qty	Туре	Qly	Туре	140.7000	140.7 00.00	143.73830	143.73830	143.73830
THA38	4	N3.75*	8	N3.75*	6	N3.75x75	16.4	5.3	6.8	7.8	2.7
THA44	4	N3.75*	8	N3.75*	6	N3.75x75	16.4	5.3	6.8	7.8	2.7
THA50	4	N3.75*	8	N3.75*	6	N3.75x75	16.4	5.3	6.8	7.8	2.7
THA75	4	N3.75*	8	N3.75*	6	N3.75x75	16.4	5.3	6.8	7.8	2.7
THA100	4	N3.75*	8	N3.75*	6	N3.75x75	16.4	5.3	6.8	7.8	2.7

<sup>\*</sup> Refer to capacity table columns for type of fasteners that can be used on header. Capacities depending on fastener type.

# Product capacities - Timber to timber - Wrap over installation (N3.75x75 Nails throughout)

# Technical data sheet

# THA - ADJUSTABLE TRUSS HANGER



		N	umber of Fastene	ers		ic capacities R26 [kN]	Safe Working Load - C27/TR26 [kN]			
	References	Hea	ader	Joist	R <sub>1,k</sub>	R <sub>2,k</sub>	R <sub>1,SWL,Long</sub> Term	R <sub>1,SWL,Medium</sub>	R <sub>2,SWL,Short Term</sub>	
ĺ		Тор	Face	Qty	N3.75x75	N3.75x75	N3.75x75	N3.75x75	N3.75x75	
		Qty	Qty	Qty	145.75275	143.73273	140.75875	145.75275	NS.73X73	
	THA50	4	14	6	20.46	5.3	8.6	9.8	2.7	
ſ	THA100	4	14	6	20.46	5.3	8.6	9.8	2.7	

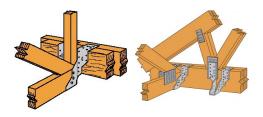


# **INSTALLATION**

#### Installation

# **2 Installation Configrations:**

- Face Fix Straps fixed to face of supporting timber. Face nailing only
- Wrap Over Straps folded over top of supporting member. Face and Top Nailing.



THA configurations.