GTWS Girder Truss Hangers



The GTWS series girder-to-girder hangers feature high uplift capacities along with high gravity load ratings.

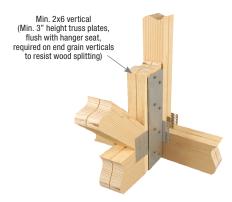
Materials: 10 gauge Finish: G90 galvanizing

Codes: Factored resistances are derived from data submitted to various North American building code

evaluators.

Installation:

- Use all specified fasteners.
- WS Wood Screws are included with hangers where specified.
- GTWS2T shall be installed to a minimum 2x4 vertical member of a girder truss with no restriction on the size of the bottom chord.
- GTWS3T shall be installed to a minimum 2x6 vertical member of a girder truss with no restriction on the size of the bottom chord.
- GTWS4T shall be installed to a minimum 2x8 vertical member of a girder truss with no restriction on the size of the bottom chord.



Typical GTWS installation





GTWS2T

PEO Certificate No. 10889485
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Dec. 20, 2017

Valid through Dec. 31, 2019

Dimensions				s (in) Fastener S				Schedule		DF		S-P-F			
						porting	Supported Truss			Factored Resistance		Factored Resistance			
						Truss									
MiTek	Steel				۵.	Wood	٥	Wood	Ilmit	Vertical	Uplift ¹	Vertical	Uplift ¹		
Stock No.	Gauge	W	Н	D	Qty	Screw ^{2,3}	Qty	Screw ^{2,3}	Unit	100%	115%	100%	115%		
GTWS2T	10	3-1/4	16	4	22	WS3	16	WS3	Lbs	20425	18400	16035	14445		
UT WOZI		0 1/4	10	<u> </u>					kN	90.85	81.85	71.33	64.25		
GTWS3T	10	4-7/8	16	5	28	WS3	24	WS3	Lbs	20425	23530	16035	18470		
UTWOOT	10	10	10 '	4-1/0	10	'	20	WSS	24	WOO	kN	90.85	104.67	71.33	82.16
GTWS4T	10	10	6-1/2	16	5	28	WS3	24	WS3	Lbs	20425	23530	16035	18470	
U1W341	10	0-1/2	10	٦	20	WOO	24	24 W33		90.85	104.67	71.33	82.16		

- 1) Factored resistances have been increased 15% for short-term loads such as wind and earthquake; no further increase allowed.
- 2) WS3 wood screws are 1/4" x 3" long and are included with the GTWS hangers.
- 3) The wood screws of the GTWS hangers may be installed in both vertical and horizontal members.

Use in conjunction with MiTek's current Canadian Product Catalogue for detailed hanger information.







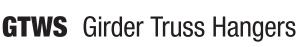


Dec. 20, 2017



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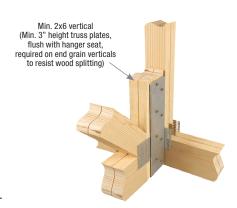
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Typical GTWS installation





GTWS3T

GTWS2T

		Dimer	sions	(in)		Fastener Schedule				DF		S-P-F					
					Su	porting	ng Supported		Supported		Supported			Factored R	esistance	Factored R	esistance
						russ Truss											
MiTek Stock No.	Steel Gauge	w	н	D	Ωŧν	Wood Screw ^{2,3}	Qty	Wood Screw ^{2,3}	Unit	Vertical 100%	Uplift ¹ 115%	Vertical	Uplift ¹ 115%				
							Lbs	20425	18400	16035	14445						
GTWS2T	10	3-1/4	16	4	22	WS3	16	16 WS3	kN	90.85	81.85	71.33	64.25				
GTWS3T	10	4-7/8	16	5	28	WS3	24	24 WS3	Lbs	20425	23530	16035	18470				
GIWSSI	10	4-7/0	10	Э	20	WSS	24		kN	90.85	104.67	71.33	82.16				
GTWS4T	10	10	6-1/2	16	5	28	WS3	24	WS3	Lbs	20425	23530	16035	18470			
U1W341	'0	0-1/2	10	'	20	VVOO	24 W33		kN	90.85	104.67	71.33	82.16				

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APENS Permit No. 15800 0 PROFESSIONAL OF NOVA

Dec. 20, 2017



APEGNB Certificate No. F0649



APEPEI Permit No. A195



Valid through Dec. 31, 2019

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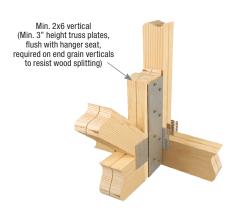
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Typical GTWS installation





		Dimen	ısions	in)		Fastener Schedule				DF	:	S-P-F Factored Resistance			
					Sup	pporting	Supported Truss			Factored Resistance					
						Truss									
MiTek	Steel					Wood		Wood		Vertical	Uplift ¹	Vertical	Uplift ¹		
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GI WOZI		10	10		5 1/4		Ľ		WOO	10	WOO	kN	90.85	81.85	71.33
GTWS3T	10	10	10	4-7/8	16	5	28	WS3	24	WS3	Lbs	20425	23530	16035	18470
u wooi	10	4-1/0	10 3 20 W33	WOO	24	WOO	kN	90.85	104.67	71.33	82.16				
GTWS4T	10	6-1/2	16	5	28	WS3	24	WS3	Lbs	20425	23530	16035	18470		
u1 W 341	10	0-1/2	10	J	20	VVOO	44	W 00	1.81	00.05	10407	74.00	00.40		

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kΝ

90.85

104.67

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