POST-INSTALL GIRDER TIE DOWNS (PHGT & PHHGT)

PRODUCT FEATURES:

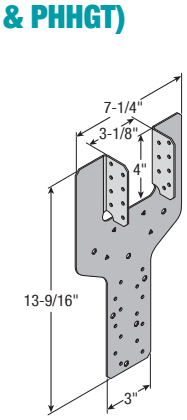
The PHGT series connectors, also known as Post-Install Girder Tie Downs, offer an effective solution for securing multi-ply girder trusses and facilitating the transfer of lateral wind loads to supporting wood and masonry walls.

MATERIAL:
PHGT2 – 14 ga
PHHGT3 & PHHGT4 – 12 ga

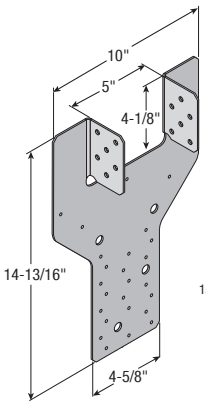
COATING:
Galvanized (G185)

INSTALLATION:
- Use all specified fasteners in schedule to achieve values indicated.

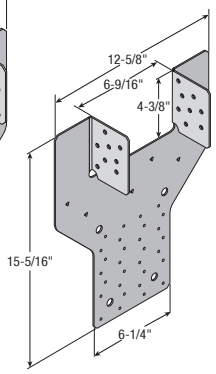
CODE COMPLIANCE:
TER 0910-01; FL 3557



PHGT2



PHHGT3



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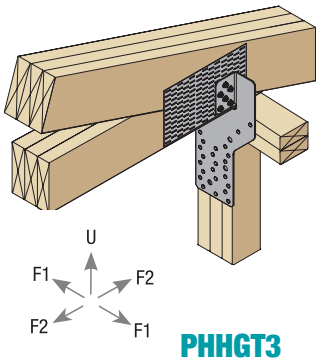


PHHGT3

ALLOWABLE LOADS FOR PHGT (LB)[1, 2, 3]

Part No.	Steel	No. of Piles (Beam/ Truss)	Fasteners				SOUTHERN PINE (SP)			DOUGLAS FIR-LARCH (DF-L)			SPRUCE-PINE-FIR (S-P-F)		
			Rafter/Truss		Stud/Top Plate		Uplift (U)	Lateral (F1, Parallel)	Lateral (F2), Perp.)	Uplift (U)	Lateral (F1, Parallel)	Lateral (F2), Perp.)	Uplift (U)	Lateral (F1, Parallel)	Lateral (F2), Perp.)
			Qty	Size	Qty	Size	C_D = 1.6			C_D = 1.6			C_D = 1.6		
PHGT2	14 ga	2	16	10d Common	18	10d common	2,435	980	255	2,435	900	255	2,240	745	210
PHHGT3	12 ga	3	12	SWH3	26	10d common	3,355	1,230	410	3,130	1,230	360	2,710	1,060	280
PHHGT4	12 ga	4	16	SWH3	37	10d common	4,185	2,230	590	3,625	1,825	510	4,185	2,230	510

NOTES:
1. Allowable loads are provided for load duration factor (C_D) of 1.6. No further increase is permitted.
2. Loading in the F1 direction indicates shear forces parallel to the plane of the wall.
3. Loading in the F2 direction indicates shear forces perpendicular to the plane of the wall.

SLOPE SKEW HANGER (ULPSSH)

PRODUCT FEATURES:

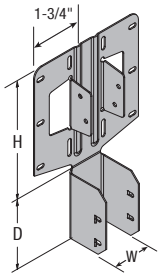
The ULPSSH is a field-adjustable hanger engineered to support trusses or rafters with varying skew and slope configurations when connecting to beams or other structural members.

MATERIAL:
ULPSSH – 18 ga

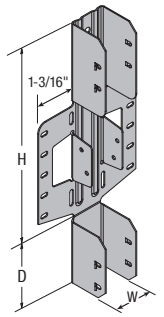
COATING:
Galvanized (G185)

INSTALLATION:
- Use all specified fasteners in schedule to achieve values indicated.

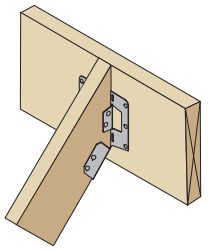
CODE COMPLIANCE:
TER 1811-03; FL 3557.

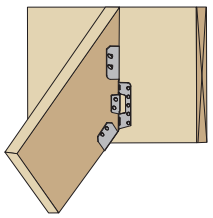


ULPSSH26



ULPSSH181/210





ALLOWABLE LOADS FOR ULPSSH SERIES

Part No.	Joist Size (in.)	Hanger Dimensions (in.)			Fasteners				SP/DF-L (G = 0.50)				HF/SPF (G = 0.42)			
		Width W (in.)	Height H (in.)	Depth D (in.)	Header		Joist		Floor	Roof	Roof	Uplift	Floor	Roof	Roof	Uplift
					Qty	Size	Qty	Size	1.0	1.15	1.25	1.6	1.0	1.15	1.25	1.6
Sloped Only Hangers																
ULPSSH26	2 x 6	1-9/16	5-7/16	3	6	10d	9	10d x 1-1/2	680	780	850	855	585	675	730	740
ULPSSH181	1-3/4 x 10	1-13/16	8-3/16	3	10	10d	13	10d x 1-1/2	1,185	1,365	1,480	1,270	1,020	1,175	1,280	1,095
ULPSSH210	2 x 10	1-9/16	8-3/16	3	10	10d	13	10d x 1-1/2	1,185	1,365	1,480	1,270	1,020	1,175	1,280	1,095
Sloped and Skewed Hangers																
ULPSSH26	2 x 6	1-9/16	5-7/16	3	6	10d	9	10d x 1-1/2	690	690	690	530	595	595	595	455
ULPSSH181	1-3/4 x 10	1-13/16	8-3/16	3	10	10d	13	10d x 1-1/2	635	635	635	625	545	545	545	540
ULPSSH210	2 x 10	1-9/16	8-3/16	3	10	10d	13	10d x 1-1/2	635	635	635	625	545	545	545	540

NOTES:
1. Uplift loads have been increased for wind load duration (C_D) = 1.6). No further increase permitted.
2. Nails designated as 10d shall be 10d common nails (0.148" x 3", F_{yb} = 90,000 psi) and 10d x 1-1/2 shall be 0.148" x 1.5" (F_{yb} = 90,000 psi).