



LGUM and HGUM Masonry Girder Hangers are high-capacity beam/girder hangers designed for installation to masonry or concrete walls. The LGUM and HGUM hangers use USP's WS screws (supplied) to attach the beam to hanger and Power's Wedge Bolt+ anchors (supplied) to attach to the masonry or concrete wall. These hangers eliminate the need for constructing beam pockets.

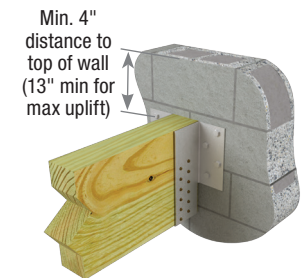
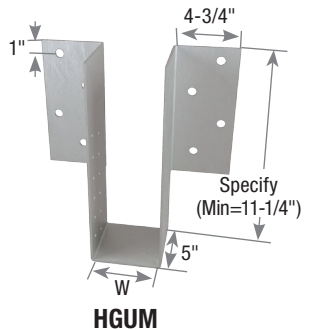
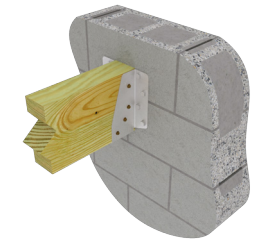
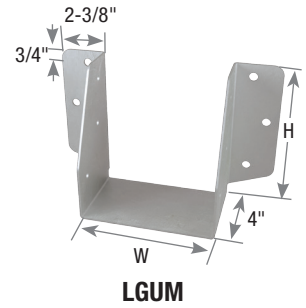
Materials: LGUM - 12 gauge; HGUM - 7 gauge

Finish: G90 galvanizing

Options: See HGUM Specialty Options chart

Installation:

- WS3 structural screws and Powers Wedge-Bolt+ anchors are supplied with hangers. Substituting other fasteners may reduce capacity.
- Powers Wedge-Bolt + fasteners require Powers SDS Wedge-Bit drill bit. Wedge-Bits are not included and must be ordered separately.
- Beams comprised of multiple plies must be adequately fastened to act as a single member.
- Beam height dimension (H) must be specified when ordering HGUM hangers.
- Moisture barrier between beam and wall may be required by local jurisdiction.



USP Stock No.	Ref. No.	Dimensions (in.)		Fastener Schedule			Unit	DF Factored Resistance			S-P-F Factored Resistance			Ctn Qty
				Qty	Wedge Bolts ⁵	Joist Screws ⁶		CMU/Concrete 100%	Uplift (115%) ¹		CMU/Concrete 100%	Uplift (115%) ¹		
		W	H ⁴						4" Min. to Top of Wall	13" Min. to Top of Wall		4" Min. to Top of Wall	13" Min. to Top of Wall	
Double 2x Sizes														
LGUM26-2	LGUM26-2-SDS	3-5/16	5-7/16	4	3/8" x 4"	4	WS3	Lbs 10840	3485	3485	8745	2810	2810	5
								kN 48.22	15.50	15.50	38.90	12.50	12.50	
LGUM28-2	LGUM28-2-SDS	3-5/16	7-3/16	6	3/8" x 4"	6	WS3	Lbs 13120	4540	4540	10580	3660	3660	5
								kN 58.36	20.19	20.19	47.06	16.28	16.28	
LGUM210-2	LGUM210-2-SDS	3-5/16	9-3/16	8	3/8" x 4"	8	WS3	Lbs 16225	5490	5490	13085	4425	4425	5
								kN 72.17	24.42	24.42	58.20	19.68	19.68	
Triple 2x Sizes														
LGUM26-3	LGUM26-3-SDS	4-15/16	5-1/2	4	3/8" x 4"	4	WS3	Lbs 10840	3485	3485	8745	2810	2810	5
								kN 48.22	15.50	15.50	38.90	12.50	12.50	
LGUM28-3	LGUM28-3-SDS	4-15/16	7-1/4	6	3/8" x 4"	6	WS3	Lbs 13120	4540	4540	10580	3660	3660	5
								kN 58.36	20.19	20.19	47.06	16.28	16.28	
LGUM210-3	LGUM210-3-SDS	4-15/16	9-1/4	8	3/8" x 4"	8	WS3	Lbs 16225	5490	5490	13085	4425	4425	5
								kN 72.17	24.42	24.42	58.20	19.68	19.68	
Quadruple 2x Sizes														
LGUM26-4	LGUM26-4-SDS	6-9/16	5-7/16	4	3/8" x 4"	4	WS3	Lbs 10840	3485	3485	8745	2810	2810	5
								kN 48.22	15.50	15.50	38.90	12.50	12.50	
LGUM28-4	LGUM28-4-SDS	6-9/16	7-3/16	6	3/8" x 4"	6	WS3	Lbs 13120	4540	4540	10580	3660	3660	5
								kN 58.36	20.19	20.19	47.06	16.28	16.28	
LGUM210-4	LGUM210-4-SDS	6-9/16	9-3/16	8	3/8" x 4"	8	WS3	Lbs 16225	5490	5490	13085	4425	4425	5
								kN 72.17	24.42	24.42	58.20	19.68	19.68	
4x Sizes														
LGUM46	LGUM46-SDS	3-5/8	4-7/8	4	3/8" x 4"	4	WS3	Lbs 10840	3485	3485	8745	2810	2810	5
								kN 48.22	15.50	15.50	38.90	12.50	12.50	
LGUM48	LGUM48-SDS	3-5/8	6-7/8	6	3/8" x 4"	6	WS3	Lbs 13120	4540	4540	10580	3660	3660	5
								kN 58.36	20.19	20.19	47.06	16.28	16.28	
LGUM410	LGUM410-SDS	3-5/8	8-7/8	8	3/8" x 4"	8	WS3	Lbs 16225	5490	5490	13085	4425	4425	5
								kN 72.17	24.42	24.42	58.20	19.68	19.68	
Engineered Wood & Structural Lumber Sizes (Heavy Duty)														
HGUM525	HGUM5.25-SDS	5-1/4	Specify 11-1/4 to 30	8	5/8" x 5"	24	WS3	Lbs 26165	7010	15890	20780	5570	12620	1
									kN 116.39	31.18	70.68	92.43	24.78	
HGUM550	HGUM5.50-SDS	5-1/2		8	5/8" x 5"	24	WS3	Lbs 26165	15890	7010	20780	12620	5570	1
									kN 116.39	70.68	31.18	92.43	56.14	
HGUM700	HGUM7.00-SDS	7		8	5/8" x 5"	24	WS3	Lbs 26165	7010	15890	20780	5570	12620	1
									kN 116.39	31.18	70.68	92.43	24.78	
HGUM725	HGUM7.25-SDS	7-1/4	8	5/8" x 5"	24	WS3	Lbs 26165	15890	7010	20780	12620	5570	1	
								kN 116.39	70.68	31.18	92.43	56.14		24.78
HGUM900	HGUM9.00-SDS	9	8	5/8" x 5"	24	WS3	Lbs 26165	7010	15890	20780	5570	12620	1	
								kN 116.39	31.18	70.68	92.43	24.78		56.14

HGUM Specialty Options Chart

Option	USP series	Inverted Flange ¹
Range	HGUM	One Inverted-Flange option available
Factored Resistance	HGUM	50% of table download 75% of table uplift load
Ordering	HGUM	Add <i>1IF</i> and right (<i>R</i>) or left (<i>L</i>) to product number. Ex. HGUM525_H=18_1IFL

1) The inverted flange option is not available for LGUM hangers.

- 1) Factored resistances have been increased 15% for short-term loads such as wind and earthquake; no further increase allowed.
- 2) Masonry compressive strength shall be minimum 1,500 psi.
- 3) Minimum concrete strength f'c = 2,000 psi.
- 4) "Specify" denotes the required supported beam height that must be specified at the time of ordering.
- 5) Use Powers Fasteners Wedge-Bolt® (included). Drill hole in concrete or masonry with 1/4" masonry drill. Refer to manufacturer's literature for further information.
- 6) WS3 Wood Screws are 1/4" x 3" long and are included with hangers.