

LGU/MGU/HGU/HHGU High Capacity Girder Hangers

The GU hangers are high-capacity girder hangers designed for situations where the header and joist are flush at the top. These products can be used for retrofit on the framing members after they are temporarily placed in position. Simpson Strong-Tie® Strong-Drive® screws (SDS) make installation fast and easy, with no pre-drilling required.

MATERIAL: See table

FINISH: Galvanized, HHGU—Simpson Strong-Tie® gray paint

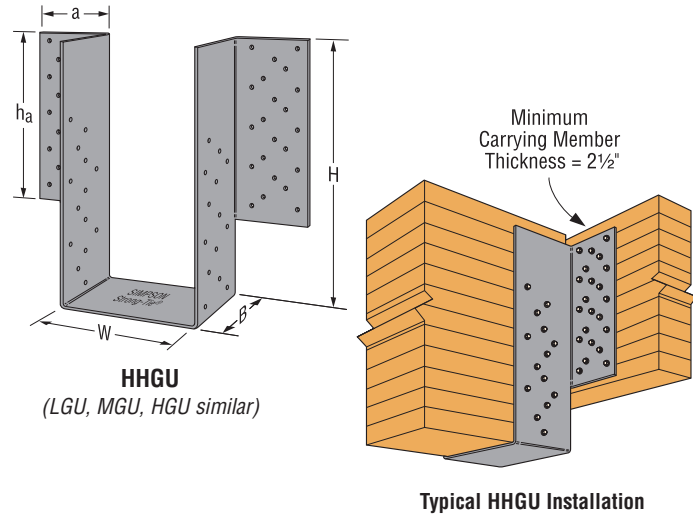
INSTALLATION: • Use all specified fasteners. See General Notes.

- Install with Simpson Strong-Tie SDS ¼"x2½" screws, which are provided with the GU's. (Note: lag screws will not achieve the same loads.)
- All multiple members must be fastened together to act as a single unit.
- Multiple member headers may require additional fasteners at the hanger locations. The quantity and location of the additional fasteners must be determined by the Designer.
- For installation to concrete or masonry walls see LGUM and HGUM hangers page 141.

OPTIONS: • Hot-dip galvanized available. Order as "X" version, specify HDG.

- Other seat widths available. Order as "X" version, specify width.
- See Hanger Options, pages 181-183, for one flange concealed option (except MGU3.63, MGU5.25 and HGU5.25).

CODES: See page 12 for Code Reference Key Chart.



Actual Carried Beam Width	Model No.	Ga	Dimensions					Fasteners		Allowable Loads				Code Ref.
			W	H ² (min)	B	ha ³	a	Face	Joist	DF/SP		SPF/HF		
										Uplift ¹ (160)	Download ³ (100/115/125)	Uplift ¹ (160)	Download ³ (100/115/125)	
3½	LGU3.25-SDS	10	3¼	8	4½	7¾	3¼	16-SDS ¼"x2½"	12-SDS ¼"x2½"	5555	6720	4000	4840	F23
3½	LGU3.63-SDS	10	3¾	8	4½	7¾	3¼	16-SDS ¼"x2½"	12-SDS ¼"x2½"	5555	6720	4000	4840	
	MGU3.63-SDS	10	3¾	9¼	4½	8¾	4	24-SDS ¼"x2½"	16-SDS ¼"x2½"	7260	9450	5225	6805	
5½	LGU5.25-SDS	10	5¼	8	4½	7¾	3¼	16-SDS ¼"x2½"	12-SDS ¼"x2½"	5555	6720	4000	4840	
	MGU5.25-SDS	10	5¼	9¼	4½	8¾	4	24-SDS ¼"x2½"	16-SDS ¼"x2½"	7260	9450	5225	6805	
	HGU5.25-SDS	7	5¼	11	5¼	10¾	4¾	36-SDS ¼"x2½"	24-SDS ¼"x2½"	9895	14145	7125	10185	
5¼	MGU5.50-SDS	10	5½	9¼	4½	8¾	4	24-SDS ¼"x2½"	16-SDS ¼"x2½"	7260	9450	5225	6805	
	HGU5.50-SDS	7	5½	11	5¼	10¾	4¾	36-SDS ¼"x2½"	24-SDS ¼"x2½"	9895	14145	7125	10185	
	HHGU5.50-SDS	3	5½	13	5¼	12¾	4¾	44-SDS ¼"x2½"	28-SDS ¼"x2½"	14550	17845	10475	12850	
6¾	MGU7.00-SDS	10	7	9¼	4½	8¾	4	24-SDS ¼"x2½"	16-SDS ¼"x2½"	7260	9450	5225	6805	
	HGU7.00-SDS	7	7	11	5¼	10¾	4¾	36-SDS ¼"x2½"	24-SDS ¼"x2½"	9895	14145	7125	10185	
	HHGU7.00-SDS	3	7	13	5¼	12¾	4¾	44-SDS ¼"x2½"	28-SDS ¼"x2½"	14550	17845	10475	12850	
8¾	HGU9.00-SDS	7	9	11	5¼	10¾	4¾	36-SDS ¼"x2½"	24-SDS ¼"x2½"	9895	14145	7125	10185	
	HHGU9.00-SDS	3	9	13	5¼	12¾	4¾	44-SDS ¼"x2½"	28-SDS ¼"x2½"	14550	17845	10475	12850	

1. Uplift loads have been increased for wind or earthquake loading with no further increase allowed.
 2. Specify H dimension. Maximum H = 30'.
 3. Header height must be at least as tall as the flange height (ha).