

**LGU/MGU/HGU/HHGU High Capacity Girder Hangers**

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

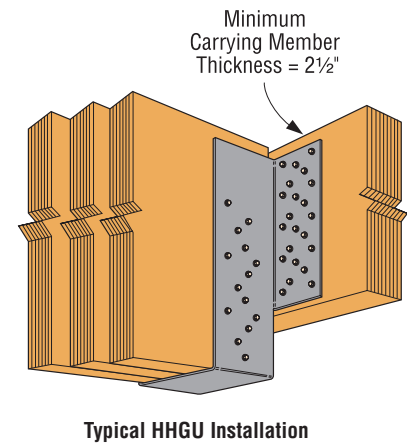
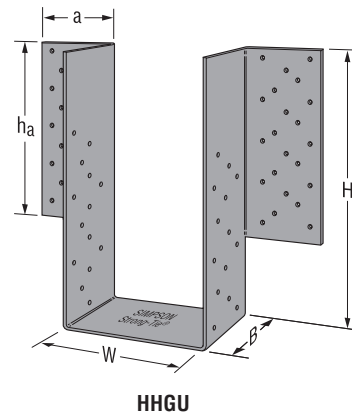
**MATERIAL:** See table

**FINISH:** LGU, MGU—Galvanized;  
HGU, HHGU—Simpson gray paint

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

- Install with Simpson Strong-Tie SDS ¼"x2½" screws, which are provided with the hangers. (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.

- 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 183, for one flange concealed option (all models except MGU3.63).



Model No.	Ga	Dimensions (in)					Fasteners		Factored Resistance			
		W	B	H <sup>2</sup> (Min. Height)	h <sub>a</sub> <sup>3</sup>	a	Face	Joist	D.Fir-L		S-P-F	
									Uplift	Normal	Uplift	Normal
									(K <sub>D</sub> =1.15)	(K <sub>D</sub> =1.00)	(K <sub>D</sub> =1.15)	(K <sub>D</sub> =1.00)
lbs	lbs	lbs	lbs									
kN	kN	kN	kN									
LGU3.63-SDS2.5	10	3½	4½	8	7½	¾	16-SDS ¼"x2½"	12-SDS ¼"x2½"	5105	9470	4500	8345
									22.74	42.18	20.04	37.17
MGU3.63-SDS2.5	10	3½	4½	9¼	8¾	4	24-SDS ¼"x2½"	16-SDS ¼"x2½"	6810	13140	6000	11575
									30.33	58.53	26.73	51.56
MGU5.50-SDS2.5	10	5½	4½	9¼	8¾	4	24-SDS ¼"x2½"	16-SDS ¼"x2½"	6810	13140	6000	11575
									30.33	58.53	26.73	51.56
HGU5.50-SDS2.5	7	5½	5¼	11	10¾	4¾	36-SDS ¼"x2½"	24-SDS ¼"x2½"	10490	20320	9300	18020
									46.73	90.51	41.43	80.27
HHGU5.50-SDS2.5	3	5½	5¼	13	12¾	4¾	44-SDS ¼"x2½"	28-SDS ¼"x2½"	13075	26665	11590	23465
									58.24	118.78	51.63	104.50
HGU7.25-SDS2.5	7	7¼	5¼	11	10¾	4¾	36-SDS ¼"x2½"	24-SDS ¼"x2½"	10490	20320	9300	18020
									46.73	90.51	41.43	80.27
HHGU7.25-SDS2.5	3	7¼	5¼	13	12¾	4¾	44-SDS ¼"x2½"	28-SDS ¼"x2½"	13075	26665	11590	23465
									58.24	118.78	51.63	104.50

1. Factored uplift resistances have been increased for earthquake and wind loading, with no further increase allowed.
2. Specify H dimension. The Designer should check the shear capacity of the carried member to make sure it matches the hanger's capacity. Maximum H = 30".
3. Header depth must exceed the h<sub>a</sub> dimension shown and is based on the size necessary to fit screw pattern. Use the next size up that meets the minimum depth requirement.