

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 make installation fast and easy, with no pre-drilling required.

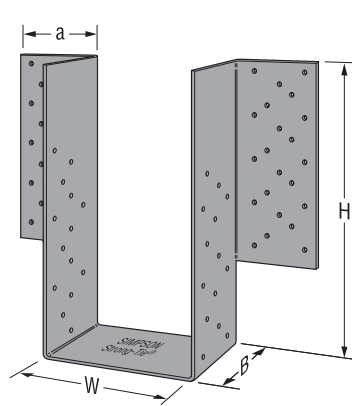
MATERIAL: See table

FINISH: Galvanized, HHGU—Simpson gray paint

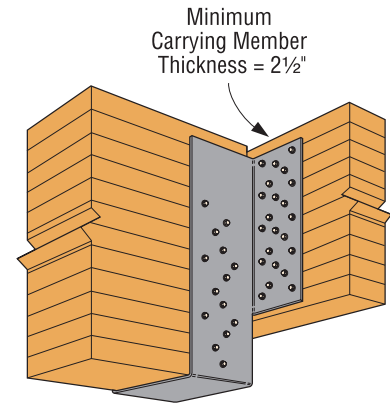
INSTALLATION:

- 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: Not available.



HHGU



Typical HHGU Installation

Glulam Beam Connectors

Model No.	Ga	Dimensions (in)				Fasteners		Factored Resistance			
		W	B	Min. Height	a	Header	Joist	D.Fir-L		S-P-F	
								Uplift	Normal	Uplift	Normal
								(K _D =1.15)	(K _D =1.00)	(K _D =1.15)	(K _D =1.00)
lbs	lbs	lbs	lbs	kN	kN	kN	kN				
LGU3.25-SDS2.5	10	3¼	4½	8	3¼	16-SDS ¼"x2½"	12-SDS ¼"x2½"	5105	9470	4500	8345
LGU5.25-SDS2.5	10	5¼	4½	8	3¼	16-SDS ¼"x2½"	12-SDS ¼"x2½"	22.74	42.18	20.04	37.17
MGU5.25-SDS2.5	10	5¼	4½	9¼	4	24-SDS ¼"x2½"	16-SDS ¼"x2½"	5105	9470	4500	8345
								22.74	42.18	20.04	37.17
HGU5.25-SDS2.5	7	5¼	5¼	11	4¾	36-SDS ¼"x2½"	24-SDS ¼"x2½"	6810	13140	6000	11575
								30.33	58.53	26.73	51.56
HGU7.00-SDS2.5	7	7	5¼	11	4¾	36-SDS ¼"x2½"	24-SDS ¼"x2½"	10490	20320	9300	18020
								46.73	90.51	41.43	80.27
HHGU7.00-SDS2.5	3	7	5¼	13	4¾	44-SDS ¼"x2½"	28-SDS ¼"x2½"	10490	20320	9300	18020
								46.73	90.51	41.43	80.27
HGU9.00-SDS2.5	7	9	5¼	11	4¾	36-SDS ¼"x2½"	24-SDS ¼"x2½"	13075	26665	11590	23465
								58.24	118.78	51.63	104.50
HHGU9.00-SDS2.5	3	9	5¼	13	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 15% for earthquake or wind loading with no further increase allowed. Reduce where other load durations govern.
2. Specify H dimension when ordering.
3. Minimum header size is based on the size necessary to fit the screw pattern.

HCA Hinge Connectors

HCA's offer single-piece side plates, for fewer welds and higher horizontal resistances.

MATERIAL: Side plates—7 gauge;
Top and bottom plates—varies.

FINISH: Simpson gray paint

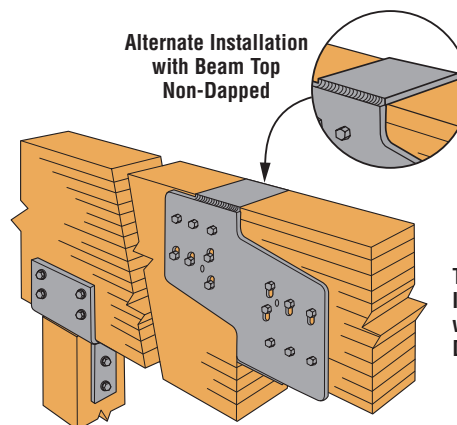
INSTALLATION: • Use all specified fasteners. See General Notes.

- All bolts specified are ¾" MBs. Bolt holes shall be a minimum of ⅜" and a maximum of ¼" larger than the bolt diameter. (per 10.4.1.2 CSA O86-01)
- Position bolts in slots away from bearing seat to allow for wood shrinkage.

OPTIONS:

- To order, add the width and bearing plate size designation after the model mention by the PT dimension for each dap.

Contact Simpson Strong-Tie for available sizes and factored resistances.



Typical HC4C3TA Installation with Beam Top Dapped