

Indoor Architectural Products

UA/HUA™ — Heavy-Duty Joist Hangers

The UA/HUA hangers are heavy-duty, load-rated joist hangers that are attached with ¼" x 3" Strong-Drive® SDS Heavy-Duty Connector screws (supplied with product). These hangers can be ordered hot-dip galvanized for exterior use.

Finish: Black paint, black powder coat or hot-dip galvanized

Ordering:

Specify model number, W dimension and finish.

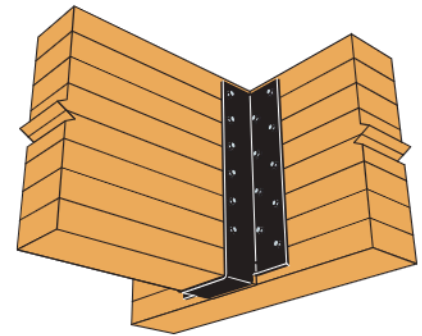
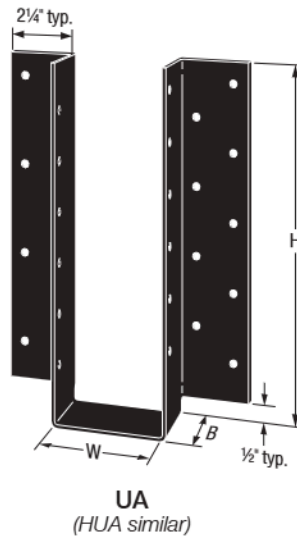
Ordering Examples:

- UA9 – W = 4.625 (For 3-ply 2x10) black paint.
- HUA24PC – W = 6.875 (For 6¾ x 24 glulam)
PC = Powder Coated.
- UA15HDG – W = 5.375 (For 5¼ x 16 PSL)
HDG = Hot-Dip Galvanized.
- HUA available with concealed flanges.
Specify HUAC.

Codes: See p. 13 for Code Reference Key Chart

Web Applications:

Visit app.strongtie.com/hs to access our Hanger Selector web application.



Typical UA12 Installation

These products are available with additional corrosion protection. For more information, see p. 16.

Model No.	Ga.	Dimensions (in.)				SDS Fasteners		DF/SP Allowable Loads				SPF/HF Allowable Loads				Code Ref.
		H	W		B	Face	Joist	Uplift (160)	Floor (100)	Snow (115)	Roof (125)	Uplift (160)	Floor (100)	Snow (115)	Roof (125)	
			Min.	Max.												
UA6	12	5¾	3½	7¼	2½	(10) ¼" x 3"	(4) ¼" x 3"	1,930	4,050	4,050	4,050	1,390	2,915	2,915	2,915	
UA7.5	12	7¼	3½	7¼	2½	(12) ¼" x 3"	(6) ¼" x 3"	2,765	5,040	5,285	5,285	1,990	3,600	3,805	3,805	
UA9	12	8¾	3½	7¼	2½	(14) ¼" x 3"	(8) ¼" x 3"	3,565	5,880	6,520	6,520	2,570	4,200	4,695	4,695	
UA10.5	12	10¼	3½	7¼	2½	(16) ¼" x 3"	(10) ¼" x 3"	4,600	6,720	7,730	7,750	3,310	4,800	5,520	5,580	
UA12	12	11¾	3½	7¼	2½	(18) ¼" x 3"	(12) ¼" x 3"	5,520	7,560	8,695	8,985	3,975	5,400	6,210	6,470	
UA13.5	12	13¼	3½	7¼	2½	(20) ¼" x 3"	(14) ¼" x 3"	6,440	8,400	9,660	10,500	4,635	6,000	6,900	7,500	
UA15	12	14¾	3½	7¼	2½	(22) ¼" x 3"	(16) ¼" x 3"	7,360	9,240	10,625	11,550	5,300	6,600	7,590	8,250	
UA16.5	12	16¼	3½	7¼	2½	(24) ¼" x 3"	(18) ¼" x 3"	8,280	10,080	11,590	12,600	5,960	7,200	8,280	9,000	
UA18	12	17¾	3½	7¼	2½	(26) ¼" x 3"	(20) ¼" x 3"	9,200	10,920	12,560	13,650	6,625	7,800	8,970	9,750	
HUA19.5	7	19¼	5½	7¼	2½	(28) ¼" x 3"	(14) ¼" x 3"	6,440	11,760	13,525	14,590	4,635	8,400	9,660	10,440	
HUA22.5	7	22¼	5½	7¼	2½	(32) ¼" x 3"	(18) ¼" x 3"	8,280	13,440	15,455	16,690	5,960	9,600	11,040	11,940	
HUA24	7	23¾	5½	7¼	2½	(34) ¼" x 3"	(20) ¼" x 3"	9,200	14,280	16,420	17,740	6,625	10,200	11,730	12,690	

1. Uplift loads have been increased for earthquake or wind loading with no further increase allowed. Reduce where other loads govern.
2. Downloads are based on $F_{c\perp} = 565$ psi for DF/SP and $F_{c\perp} = 405$ psi for SPF/HF.
3. DF/SP allowable loads may be used for glulam, LVL, LSL, and PSL with minimum specific gravity = 0.50 and minimum $F_{c\perp} = 565$ psi.
4. Specify "W" dimension when ordering.
5. Header height shall be greater than or equal to hanger height.
6. Header thickness shall be 3" minimum.
7. **Fasteners:** SDS screws are Simpson Strong-Tie Strong-Drive SDS Heavy-Duty Connector screws. See pp. 23-24 for fastener information.