

MAXIMUM CAPACITY (LBS)						
	FASTENER	DIA (IN)	#	EMBED (IN)	VERT P1	HORIZ P2
423HD16	Kwik-Bolt 3	3/8	1	2.5	1010	650
	HUS-H	3/8	1	2.75	1015	650
423HD14	Kwik-Bolt 3	3/8	1	2.5	1010	780
		1/2	1	2.25	830	630
	HUS-H	3/8	1	2.75	1015	910
		1/2	1	3	1720	805
426HD14	Kwik-Con II ²	1/4	2 ¹	1	550	330
	Kwik-Bolt 3	1/2	1	3.5	1080	905
	HUS-H	1/2	1	3	1720	805
	HUS-H	5/8	1	4	2725	1370

MAXIMUM CAPACITY (LBS)								
Chord mil	#10 SDS into Chord							
	2	3	4	5	6	8	10	12
035	485	730	970	1215	1455	1945	2430	2915
046	835	1255	1675	2095	2515	3352		
057	985	1480	1970	2465	2955			
073	985	1480	1970	2465	2955			

¹ Minimum spacing = 3"

² Kwik-Con II fasteners maybe installed in hollow block CMU
Number of screws attaching chord to HD as required per chart

- 1) Refer to the Hilti Product Technical Guide for installation requirements and application limits.
- 2) Equivalent fasteners may be substituted.
- 3) Place fasteners in line w/ holes in the HD14.
- 4) HD product specified is manufactured by Aegis Metal Framing. Any substitution is prohibited.
- 5) When this connection detail is applied to both plies of a 2-ply truss, the capacities double.
- 6) This detail does not indicate or imply that the depicted bearing is structurally adequate for the loads shown. Design of bearing is req'd.
- 7) Max Reactions show are non-concurrent.
- 8) Detail applies to USC and USD
- 9) May include end vertical - not shown

Revised 5/13/11 - New 423HD14, 423HD16 and 426HD14
Revised 12/11/09 - Hollow block for Kwik-Con added

USC/USD TRUSS TO BEARING CONNECTION
423HD / 426HD
FACE OF CMU

DETAIL NO.

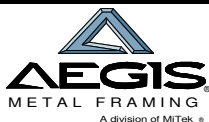
CD-CMU-1.1

CATEGORY

STANDARD DETAILS

DATE

3/2012



www.AegisMetalFraming.com

14515 N. Outer 40 Drive - Suite 110
Chesterfield, MO 63017

Phone: (866) 902-3447 Fax: (314) 434-5234