

MAXIMUM REACTION (LBS)				
	Web / Block	#10 SDS	UPLIFT P1	HORIZ P2
423HD16	035	2	485	485
		3	650	485
	046	2	650	795
	057	2	650	940
423HD14	035	2	485	485
		3	730	485
		4	970	485
		5	1060	485
	046	2	840	795
		3	1060	795
	057	2	940	940
3		1060	1105	
423HD12	035	5	1215	485
	046	4	1400	795
	057	3	1400	1105
426HD14	046	4	1675	795
		5	1995	795
	057	4	1880	1105
		5	1995	1105
426HD12	035	10 <sup>1</sup>	2430	970
		5	2095	795
	046	6 <sup>1</sup>	2515	1590
		8 <sup>1</sup>	2955	1590
	057	5	2350	1105
		7 <sup>1</sup>	2995	2210

(2) Hilti X-U

(4) Hilti X-U

Values based on steel thickness of 1/4" - 1/2"  
<sup>1</sup> Double web required

- 1) Min. screw spacing & edge distance = 9/16".
- 2) Min. PAF spacing = 1", Min. Edge Dist = 1/2"
- 3) Refer to the Hilti Product Technical Guide for installation requirements and application limits.
- 4) Equivalent PAF's may be substituted.
- 5) Place PAF's thru or in line w/ holes in HD14.
- 6) When this connection detail is applied to both plies of a 2-ply truss, the capacities double.
- 7) This detail does not indicate or imply that the depicted bearing is structurally adequate for the loads shown. Design of bearing is req'd.
- 8) Max. Reactions shown are non-concurrent.

Revised 5/6/11 - New 423HD14, 423HD16 and 426HD14

**USC TRUSS TO BEARING CONNECTION**  
**423 HD / 426 HD**  
**STRUCTURAL STEEL**

DETAIL NO.

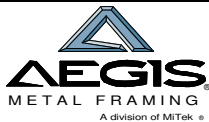
**C-SS-1.1**

CATEGORY

**STANDARD DETAILS**

DATE

5/20/11



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