



MAXIMUM REACTION (LBS)					
Web / Block	#10 SDS	UPLIFT P1	HORIZ P2		
423HD14	035	2	485	485	(2) Hilti X-U
		3	730	485	
		4	970	485	
		5	1200	485	
046	2	840	795		
	3	1200	795		
057	2	1025	1025		
	3	1200	1105		
426HD14	046	4	1675	795	(3) Hilti X-U
		5	2095	795	
	057	4	1880	1105	
		5	2325	1105	

Values based on steel thickness of 1/4" - 1/2"

- 1) Min. screw spacing & edge distance = 9/16".
- 2) Min. PAF spacing = 1", Min. Edge Dist = 1/2"
- 3) Min. bearing width for 426HD14 = 6".
- 4) Refer to the Hilti Product Technical Guide for installation requirements and application limits.
- 5) Equivalent PAF's may be substituted.
- 6) Place PAF's thru or in line w/ holes in HD14.
- 7) When this connection detail is applied to both plies of a 2-ply truss, the capacities double.
- 8) This detail does not indicate or imply that the depicted bearing is structurally adequate for the loads shown. Design of bearing is req'd.
- 9) Max. Reactions shown are non-concurrent.


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USC TRUSS TO BEARING CONNECTION
423/426HD14 - STRUCTURAL STEEL

DETAIL NO.

C-SS-1

CATEGORY

STANDARD DETAILS

DATE

3/3/09