

MAXIMUM CAPACITY (LBS)			
Min Web or Block (mil)	#10 SDS J-W or J-B	UPLIFT P1 (LBS)	HORIZ P2 (LBS)
035	5	1405	485
	6	1685	
	7	1930	
046	5	2115	795
	6	2455	
057	4	1980	1105
	5	2475	
	6	2940	

- 1) Min. screw spacing & edge distance = 9/16".
- 2) Min. bearing width = 3". Min steel thick = 0.054"
- 3) Welders and welding procedures shall be qualified as specified in AWS D1.3.
- 4) Min. filler metal strength, Fxx = 70 ksi.
- 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 required.
- 7) Max. Reactions shown are non-concurrent

Revised 9/2013 - Calculated screw values used  
 Revised 5/13/11 - New 423HD14, 423HD16 and 426HD14

DETAIL NO.

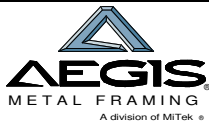
**C-CFS-2.1**

CATEGORY

**STANDARD DETAILS**

DATE

10/2013



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**USC TRUSS TO CFS BEARING  
 WELDED USJ**