



MAXIMUM CAPACITY (LBS)

	FASTENER	#	EDGE DIST. (IN)	EMBED (IN)	#10 <sup>1</sup> SDS HD-W	UPLIFT - P1		HORIZ P2
						423 HD14	423 HD16	
423HD	HUS-H 3/8" Dia	1	2.75	2.75	3	730	650	420
	HUS-H 1/2" Dia	1	2.75	3	4	745	650	475
	1/2" HIT HY 150 MAX	1	1.75	4.5	5	1095	650	295
	Kwik Bolt 3 1/2" Dia.	1	1.75	3	3	645	645	310

<sup>1</sup> For 423HD16, HD-W = 3 - #10 SDS

MAXIMUM CAPACITY (LBS)

	FASTENER	#	EDGE DIST. (IN)	EMBED (IN)	#10 SDS HD-W	UPLIFT P1	HORIZ P2
	HUS-H 5/8" Dia	1	2.75	4	4	1175	535
	1/2" HIT HY 150 MAX	1	1.75	4.5	5	1095	295
	5/8" HIT HY 150 MAX	1	1.75	5.625	3	1240 <sup>1</sup>	400

<sup>1</sup> Web or Heel block must be 046 min

- 1) Min. screw spacing & edge distance = 9/16".
- 2) Refer to the Hilti Product Technical Guide for installation requirements and application limits.
- 3) Equivalent fasteners may be substituted.
- 4) Grout must have a minimum  $f_c = 1500$  psi.
- 5) Place Fastener in line w/ holes in the HD14.
- 6) HD product specified is manufactured by Aegis Metal Framing. Any substitution is prohibited.
- 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



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USC TRUSS TO BEARING CONNECTION  
423HD / 426HD  
CMU

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

DETAIL NO.

C-CMU-1.1

CATEGORY

STANDARD DETAILS

DATE

3/2012