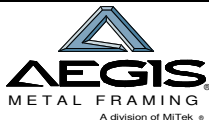


MAXIMUM CAPACITY (LBS) - GROUTED CMU

	FASTENER DIA. X EMBED	MIN. EDGE DIST. (IN)	#10 SDS HD-W or B	UPLIFT P1 (LBS)	HORIZ P2 (LBS)
423HD16	Powers Wedge Bolt 3/8" x 2-1/2"	2	2	560	380
			3	570	--
	Hilti Kwik Bolt 3 1/2" x 3"	1-3/4	2	560	310
			3	645	--
	Hilti Kwik HUS 1/2" x 4-1/4"	1-3/4	2	560	305
			3	650	--
423HD14	Hilti Kwik HUS 1/2" x 4-1/4"	1-3/4	2	560	305
			3	680	--
	Hilti HIT HY 150 MAX 1/2" x 4-1/2"	1-3/4	3	840	295
			4	1095	--
426HD14	Hilti Kwik HUS 1/2" x 4-1/4"	1-3/4	2	560	305
			3	680	--
	Hilti HIT HY 150 MAX 1/2" x 4-1/2"	1-3/4	3	840	295
			4	1095	--
	Hilti Kwik Bolt 3 5/8" x 3-1/2"	1-3/4	3	840	310
			4	850	--
	Hilti Kwik HUS 5/8" x 5"	1-3/4	3	840	305
			5	1310	--
Hilti HIT HY 150 MAX 5/8" x 5-5/8"	1-3/4	3	840	400	
		5	1240	--	

- 1) Min. screw spacing & edge distance = 9/16".
- 2) For Hilti Fasteners, refer to the current Hilti Product Technical Guide for installation requirements and application limits.
- 3) For Powers Fasteners, refer to the Powers Technical Manual, 6th Edition for installation requirements and application limits.
- 4) Grout must have a minimum $f_m = 1500$ psi.
- 5) Place Fastener in hole of the HD clip.
- 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

Revised 5/6/11 - New 423HD14, 423HD16 and 426HD14
Revised 7/2013 - Updated fasteners and screws values



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1-Ply USC TRUSS TO CMU BEARING 423/426HD

DETAIL NO.

C-CMU-1.2

CATEGORY

STANDARD DETAILS

DATE

7/2013