

# Floor to Masonry/Concrete



Model No.	Qty Reqd	Fasteners To Block/Concrete	DF/SP Allowable Loads			SPF Allowable Loads		
			Fasteners To Wood Framing	Uplift		Fasteners To Wood Framing	Uplift	
				(133)	(160)		(133)	(160)
HETA40	1	Embedded	8-10dx1½	990	1190	8-10dx1½	855	1025
MSTAM24 <sup>3</sup>	1	5-¼x2¼ Titen	9-10d	1370	1545	9-10d	1175	1410
	1	5-¼x2¼ Titen	7-10d	1065	1245	8-10d	1045	1245
HETA20	1	Embedded	16-10dx1½	1890	1890	16-10dx1½	1705	1890
	1	Embedded	11-10dx1½	1365	1515	12-10dx1½	1280	1515
MSTAM36 <sup>3</sup>	1	8-¼x2¼ Titen	13-10d	1915	1915	13-10d	1715	1915
	1	8-¼x2¼ Titen	9-10d	1380	1565	10-10d	1320	1565
HD2A	1	⅝" ATR	2-⅝" MB	2775	2775	2-⅝" MB	1920	1565
PHD2-SDS3	1	⅝" ATR	10-SDS¼x3	3610	3610	10-SDS¼x3	3240	3240
HD5A	1	⅝" ATR or ¾" ATR	2-¾" MB	3705	3705	2-¾" MB	3130	3130
MSTCM40 <sup>4</sup>	1	14-¼x2¼ Titen	26-16d sinkers	3985	4340	26-16d sinkers	3430	4120
	1	14-¼x2¼ Titen	20-16d sinkers	3065	3555	23-16d sinkers	3035	3555
HD6A	1	⅞" ATR	2-⅞" MB	4405	4405	2-⅞" MB	3680	3680
PHD5-SDS3	1	⅝" ATR	14-SDS¼x3	4685	4685	14-SDS¼x3	4205	4205
HTT22	1	⅝" ATR	32-16d sinkers	5250	5260	32-16d sinkers	4565	5260
HD8A	1	⅞" ATR	3-⅞" MB	6465	6465	3-⅞" MB	5480	5480
HD10A	1	⅞" ATR	4-⅞" MB	8310	8310	4-⅞" MB	7045	7045

1. Holdown load values are based on a 3" wide vertical member. See Simpson "Wood Construction Connectors" catalog for load based on different wood widths.
2. HETA40 will require a 30° bend and a 4" minimum embedment depth.
3. MSTAM24, 36 and MSTCM40 use Titen masonry screws to attach to grouted cells or concrete bond beams.
4. MSTCM requires attachment to a minimum 3" wide member.
5. Nailing over structural wood panel sheathing is acceptable as long as minimum nail penetration into the framing is maintained.

The values highlighted in orange represent loads which do not include a 1/3 stress increase on the steel calculations. (Refer to page 4 and 5)

