			Dimensions (in)				Fastener Schedule				Allowable Loads (Lbs.)[1,4,7]		
							Anchor Bolts[2]		Screws[6]		DF/SP	S-P-F	Deflection
MiTek Stock No.	Ref. No.	Steel Gauge	W	H	D	CL[8]	Qty	Dia.	Qty	Type	Tension 160%	Tension 160%	Δ (in) at 160%[3,5]
DTB-TZ	DTT2Z	14	1-13/16	6	2-1/4	1-1/8	1	1/2	8	WS15-EXT	1835	1510	0.119
PHD2A	HDU2-SDS2.5	14	3	7-3/4	2-5/8	1-3/8	1	5/8	6	WS3	3215	2700	0.155
PHD4A	HDU4-SDS2.5, HDUE3-SDS3	14	3	9-3/4	2-5/8	1-3/8	1	5/8	10	WS3	5215	4380	0.137
PHD5A	HDU5-SDS2.5, HDUE5-SDS3	14	3	11-11/16	2-5/8	1-3/8	1	5/8	14	WS3	6525	5480	0.135
PHD8	HDU8-SDS2.5, HDUE7-SDS3, HDUE9-SDS3.5	12	3-1/4	16-1/2	3	1-3/8	1	7/8	24	WS3	8185	6875	0.062

1) Allowable loads have been increased 60% for wind and seismic loads; no further increase shall be permitted.
2) The designer must specify anchor bolt type, length, and embedment.
3) Deflections are derived from static, monotonic load tests of devices connected to DF-L wood members with specified fasteners.
4) The designer shall consider the effect of compression, bearing, tension, and combined bending due to device eccentricity when applicable.
5) The PHD/PHDA may be elevated off the sill and may increase deflection. Reference page 62 for more information.
6) MiTek's WS15-EXT (1/4" dia. x 1-1/2" long) and WS3 (1/4" dia. x 3" long) structural wood screws are included with holdowns.
7) For PHD holdowns, minimum post thickness is 3". Consult MiTek for installations less than 3".
8) "CL" denotes the distance between the post and center of the anchor bolt.