

| MiTek Stock No. | Ref. No. | Steel Gauge | Dimensions (in) | | | | Fastener Schedule | | | | Allowable Loads (Lbs.) ^{1,4,7} | | |
|--------------------|----------------------------|----------------|-----------------|----------|-------|-----------------|------------------------------|------|---------------------|----------|---|-----------------|---|
| | | | W | H | D | CL ⁸ | Anchor Bolts ² | | Screws ⁶ | | DF/SP | S-P-F | Deflection Δ (in) at 160% ^{3,5} |
| | | | | | | | Qty | Dia. | Qty | Type | Tension 160% | Tension 160% | |
| 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 | 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.