

| MiTek USP<br>Stock No. | Ref. No. | Steel<br>Gauge | Dimension (in) |  | Fastener<br>Schedule     |                   | No.<br>of<br>Plies | DF<br>Allowable Loads (Lbs.) <sup>1,2,3</sup> |          |                            |            |            |
|------------------------|----------|----------------|----------------|--|--------------------------|-------------------|--------------------|---|----------|----------------------------|------------|------------|
|                        |          |                | W              | H <sup>7</sup><br>(Out of<br>Concrete) | Per Anchor               |                   |                    | Uplift 160%                                   |          | Lateral Loads <sup>4</sup> |            |            |
|                        |          |                |                |  | Min<br>Qty. <sup>5</sup> | Type <sup>8</sup> |                    | Masonry                                       | Concrete | F1<br>160%                 | F2<br>160% | F3<br>160% |
|                        |          |                |                |  |                          |                   |                    |   |          |                            |            |            |
| DHTA16-18              | --       | 18             | 1-1/4          | 12                                     | 8                        | 10d x 1-1/2       | 1 Ply              | 2430  | 2430     | 1085                       | 1140       | 1085       |
| DHTA16-18-2            | --       |                |                |  |                          |                   | 2 Ply              |   | 2770     |                            |            |            |
| DHTA20-18              | --       | 18             | 1-1/4          | 16                                     | 8                        | 10d x 1-1/2       | 1 Ply              | 2430  | 2430     | 1085                       | 1140       | 1085       |
| DHTA20-18-2            | --       |                |                |  |                          |                   | 2 Ply              |   | 2770     |                            |            |            |
| DHTA24-18              | --       | 18             | 1-1/4          | 20                                     | 8                        | 10d x 1-1/2       | 1 Ply              | 2430  | 2430     | 1085                       | 1140       | 1085       |
| DHTA24-18-2            | --       |                |                |  |                          |                   | 2 Ply              |   | 2770     |                            |            |            |
| DHTA12                 | --       | 16             | 1-1/4          | 8                                      | 8                        | 10d x 1-1/2       | 1 Ply              | 2430  | 2430     | 1215                       | 1310       | 1215       |
| DHTA12-2               | --       |                |                |  |                          |                   | 2 Ply              |   | 2770     |                            |            |            |
| DHTA16                 | --       | 16             | 1-1/4          | 12                                     | 8                        | 10d x 1-1/2       | 1 Ply              | 2430  | 2430     | 1215                       | 1310       | 1215       |
| DHTA16-2               | --       |                |                |  |                          |                   | 2 Ply              |   | 2770     |                            |            |            |
| DHTA20                 | DETAL20  | 16             | 1-1/4          | 16                                     | 8                        | 10d x 1-1/2       | 1 Ply              | 2430  | 2430     | 1215                       | 1310       | 1215       |
| DHTA20-2               | --       |                |                |  |                          |                   | 2 Ply              |   | 2770     |                            |            |            |
| DHTA24                 | --       | 16             | 1-1/4          | 20                                     | 8                        | 10d x 1-1/2       | 1 Ply              | 2430  | 2430     | 1215                       | 1310       | 1215       |
| DHTA24-2               | --       |                |                |  |                          |                   | 2 Ply              |   | 2770     |                            |            |            |
| DHTA48                 | --       | 16             | 1-1/4          | 43                                     | 8                        | 10d x 1-1/2       | 1 Ply              | 2430  | 2430     | 955                        | 940        | 955        |
| DHTA48-2               | --       |                |                |  |                          |                   | 2 Ply              |   |          |                            |            |            |

1) Allowable loads have been increased 60% for wind or seismic loads; no further increase shall be permitted.

2) Allowable loads are based on anchorage to masonry/uncracked concrete.

3) Minimum specified masonry or concrete compressive strength, f'm is 1,500 psi and f'c is 2,500 psi at 28 days respectively.

4) The five nail holes nearest the embedment line must be filled to achieve the lateral loads listed in the table.

5) Minimum quantity of fasteners to be installed. Product may have additional nail holes not needed to meet published allowable load of product.

6) Install (8) nails into each anchor for the DHTA installation.

7) Height (H) is the distance the anchor extends out of concrete or masonry.

8) **NAILS:** 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long.