

| MiTek<br>Stock No. | Ref. No.                        | Steel<br>Gauge | W<br>(in) | Fastener Schedule   |                 |                    |      | DF/SP Allowable Loads (Lbs.) |      |      |                     |                                    |      |      |                     |
|--------------------|---------------------------------|----------------|-----------|---------------------|-----------------|--------------------|------|------------------------------|------|------|---------------------|------------------------------------|------|------|---------------------|
|                    |                                 |                |           | Header <sup>2</sup> |                 | Joist <sup>3</sup> |      | Masonry - 2,500 psi          |      |      |                     | Cast in Place Concrete - 3,000 psi |      |      |                     |
|                    |                                 |                |           | Qty                 | Screw<br>Anchor | Qty                | Type | Floor                        | Roof |      | Uplift <sup>1</sup> | Floor                              | Roof |      | Uplift <sup>1</sup> |
|                    |                                 |                |           |                     |                 |                    |      |                              | 100% | 115% |                     |                                    | 125% | 160% |                     |
| UMH358             | MBHU3.56/16KT,<br>MBHU3.56/18KT | 3              | 3-5/8     | 2                   | 3/4             | 16                 | 16d  | 3550                         | 3550 | 3550 | 3550                | 6380                               | 6380 | 6380 | 4815                |
| UMH458             | --                              | 3              | 4-5/8     | 2                   | 3/4             | 16                 | 16d  | 3550                         | 3550 | 3550 | 3550                | 6380                               | 6380 | 6380 | 4815                |
| UMH538             | --                              | 3              | 5-3/8     | 2                   | 3/4             | 16                 | 16d  | 3550                         | 3550 | 3550 | 3550                | 6380                               | 6380 | 6380 | 4815                |
| UMH558             | MBHU5.50/16KT,<br>MBHU5.50/18KT | 3              | 5-5/8     | 2                   | 3/4             | 16                 | 16d  | 3550                         | 3550 | 3550 | 3550                | 6380                               | 6380 | 6380 | 4815                |
| UMH718             | --                              | 3              | 7-1/8     | 2                   | 3/4             | 16                 | 16d  | 3550                         | 3550 | 3550 | 3550                | 6380                               | 6380 | 6380 | 4815                |

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

2) Fasten UMH hanger to concrete structure with (2) 3/4" dia. Powers Fasteners Wedge-Bolt+ or DeWalt Screw-Bolt+ screw anchors or equal with 5" minimum embedment. Screw anchors shall be installed in masonry with grouted cells in accordance with manufacturer's installation specifications.

3) **NAILS:** 16d nails are 0.162" dia. x 3-1/2" long.