PRECAST SOLUTIONS
For Prestressed Concrete

**LOAD CONDITIONS**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>h</th>
<th>Y</th>
<th>Length</th>
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</thead>
<tbody>
<tr>
<td>HTA-V 41/22-HDG-6096</td>
<td>3-1/4&quot;</td>
<td>7/8&quot;</td>
<td>20'-0&quot; (6096 mm)</td>
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**Allowable Design Load**

- Pull-out load on bolt pair ($T_A$)**: 2,900 lb (12.9 kN)
- Shear load on single bolt or bolt pair ($V_A$): 1,650 lb (7.3 kN)
- Pull-out load on single bolt ($T_A$)*: 2,000 lb (8.9 kN)

**NOTE:** Loads shown are based on the sample diagram above. For custom solutions, please contact engineering@halfenusa.com.

*minimum 10” single bolt spacing
**minimum 3” single bolt spacing, bolt groups minimum spacing 10” o.c.

- Allowable loads include a safety factor of 3, based on concrete strength of 5,000 psi (34.5 MPa).
- Check interaction using $\frac{T_{\text{actual}}}{T_A}^{2/3} + \left(\frac{V_{\text{actual}}}{V_A}\right)^{2/3} \leq 1.0$
- Foam filled. Standard corrosion finish is HDG, and is also available in stainless steel upon request.
- Site cutting to length may be carried out, however cut must be no further than 1-1/2” (38 mm) from anchor.

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