1. All dimensions are in inches, unless otherwise indicated with tolerances as detailed below.
2. Sensor body material of construction is RADEL (6X31), PEEK (6X41) or RYTON (6X51, 6X52).
3. Drawing shown in the standard with protective tines configuration (4 places, 90 degrees apart). The 2 protective tines only "GRO" configuration (2 places, 180 degrees apart) is optional.
4. In the alternate without tines configuration ("NG") the sensor body is exactly 8.0 inches in length. The max displacement for parabolic pH glass is 0.2" yielding a max insertion depth of 1.7 inches past threads & overall max length of 8.2 inches.
5. Do not use any sensor beyond the factory defined maximum temperature or pressure rating.

### NOTES

- **Angular Tolerances:**
  - ±0.25°
- **2 Places Tolerances:**
  - ±0.005
- **3 Places Tolerances:**
  - ±0.005
- **4 Places Tolerances:**
  - ±0.0005
- **1 Place Tolerances:**
  - ±0.01

- **3/4" - 14 NPT**
- **1" - 11.5 NPT**
- **1.31" DIA MAX**
- **0.875" DIA.**
- **2.00"**
- **8.50"**
- **1.25" DIA.**
- **FLATS FOR 1 1/16" WRENCH**

### TOLERANCES

<table>
<thead>
<tr>
<th>Place</th>
<th>Tolerance</th>
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<tbody>
<tr>
<td>1</td>
<td>± 0.1</td>
</tr>
<tr>
<td>2</td>
<td>± 0.01</td>
</tr>
<tr>
<td>3</td>
<td>± 0.005</td>
</tr>
<tr>
<td>4</td>
<td>± 0.0005</td>
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### Advanced Sensor Technologies U.S.A.
Website: http://www.astisensor.com

- **3/4"-1" MNPT Inline / Immersion / Submersible**
- **6-2 Low-Profile pH Glass**
- **IMMERSION**
- **6X31,6X41,6X51,6X52**