## Gland Detail

### 0° to 5° (Typ.)
- Break Corners: Approx. 0.05 RAD.
- Pressure: No Back-Up Ring
- Pressure: One Back-Up Ring
- Pressure: Two Back-Up Rings

### Surface Finish:
- 32 Without Back-up Ring
- 63 With Back-Up Ring

### Clearances (Extrusion Gap)
- Must be held to a minimum consistent with design requirements for temperature range variation.

### Total Indicator Reading
- Between groove and adjacent bearing surface.

### 0° to 5° (Typ.)
- 60° to 75° (Typ.)
- 0° to 5° (Typ.)

### Gland Detail Diagram

### Cross Section Diagram

### W Cross Section

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0.06 through 0.12</td>
<td>1/16</td>
<td>.070 ± .003</td>
<td>.055 to .057</td>
<td>.010 to .018</td>
<td>15 to 25</td>
<td>.002 to .005</td>
<td>.093 to .098</td>
<td>.138 to .143</td>
<td>.005 to .015</td>
</tr>
<tr>
<td>0.16 through 0.22</td>
<td>3/32</td>
<td>.103 ± .003</td>
<td>.088 to .090</td>
<td>.010 to .018</td>
<td>10 to 17</td>
<td>.002 to .005</td>
<td>.140 to .145</td>
<td>.171 to .176</td>
<td>.005 to .015</td>
</tr>
<tr>
<td>0.22 through 0.34</td>
<td>1/8</td>
<td>.139 ± .004</td>
<td>.121 to .123</td>
<td>.012 to .022</td>
<td>12 to 16</td>
<td>.003 to .006</td>
<td>.187 to .192</td>
<td>.208 to .213</td>
<td>.010 to .025</td>
</tr>
<tr>
<td>0.34 through 0.46</td>
<td>3/16</td>
<td>.170 ± .006</td>
<td>.165 to .188</td>
<td>.017 to .030</td>
<td>8 to 14</td>
<td>.003 to .006</td>
<td>.201 to .214</td>
<td>.213 to .215</td>
<td>.020 to .035</td>
</tr>
<tr>
<td>0.46 through 0.64</td>
<td>1/4</td>
<td>.275 ± .006</td>
<td>.237 to .248</td>
<td>.029 to .044</td>
<td>11 to 16</td>
<td>.004 to .007</td>
<td>.375 to .380</td>
<td>.408 to .413</td>
<td>.020 to .035</td>
</tr>
</tbody>
</table>

(a) Clearances (extrusion gap) must be held to a minimum consistent with design requirements for temperature range variation.

(b) Total indicator reading between groove and adjacent bearing surface.