9190EZHD  Solid 90° Offset pull/push bar combo
(8190EZHD pull + 9100HD push)

- Available in standard lengths of 28” and 33”.
- Also available in whole 1” increments from 25” to 45”.
- Other lengths available as engineering special, consult customer service.

**Certifications**
- Meets ANSI A156.06
- Pull Side complies with ADA and Barrier Free Applications

**Mounting**
- Heavy duty mounting hardware exceeds industry standards
- 3/8-16 mounting hardware
- Specify door thickness. Standard mounting hardware for door thickness of 1-1/2” to 1-3/4” unless otherwise specified. Optional package available for 2” and 2-1/4” thick doors.
- Comes standard with thru-bolt screws and decorative washers.
- Optional mounting hardware available (see general information section for details)
- NO, NS, PQ
- Mounting hardware for other door thicknesses are available as engineering special, consult customer service.

<table>
<thead>
<tr>
<th>Product number</th>
<th>CTC Push</th>
<th>CTC Pull</th>
<th>Projection push &amp; pull</th>
</tr>
</thead>
<tbody>
<tr>
<td>9190EZHD</td>
<td>25 to 45”</td>
<td>8”</td>
<td>2-1/2” &amp; 3-1/2”</td>
</tr>
<tr>
<td>9190EZHD</td>
<td>25 to 45”</td>
<td>10”</td>
<td>2-1/2” &amp; 3-1/2”</td>
</tr>
<tr>
<td>9190EZHD</td>
<td>25 to 45”</td>
<td>12”</td>
<td>2-1/2” &amp; 3-1/2”</td>
</tr>
<tr>
<td>9190EZHD</td>
<td>25 to 45”</td>
<td>18”</td>
<td>2-1/2” &amp; 3-1/2”</td>
</tr>
</tbody>
</table>

**Finishes**
- Available in Aluminum, Brass, and Stainless Steel substrates. See general information section for specific BHMA finish code, finish description, US finish code, and substrate information.
- 316 Series Stainless Steel standard, exceeding industry standards for corrosion resistance. Recommended for external applications
- Standard finishes available:
  - 605, 606, 612, 613, 619, 625, 626, 626-AM, 628, 629-316, 630-316, 630-AM, 643e/716, BLK
- Custom finishes are available as engineering special, consult customer service.

**Caution**
- The length of push bar should not interfere with the door jamb or cause a pinch point