### Architectural pulls and push bars

#### 8190EZHD  90° Offset solid door pull

**Available Sizes:** 8", 10", 12", 18"

#### Certifications

- Meets ANSI A156.06
- 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)

- A, F, I, L, N, O, P, Q, X
- Mounting hardware for other door thicknesses are available as engineering special, consult customer service.

### Product Specifications

<table>
<thead>
<tr>
<th>Product number</th>
<th>Projection “A”</th>
<th>Clearance</th>
<th>Center to center “B”</th>
<th>Overall length “C”</th>
<th>Offset “D”</th>
</tr>
</thead>
<tbody>
<tr>
<td>8190EZHD-B</td>
<td>3-1/2”</td>
<td>2-1/2”</td>
<td>8”</td>
<td>9”</td>
<td>3-1/4”</td>
</tr>
<tr>
<td>8190EZHD-0</td>
<td>3-1/2”</td>
<td>2-1/2”</td>
<td>10”</td>
<td>11”</td>
<td>3-1/4”</td>
</tr>
<tr>
<td>8190EZHD-2</td>
<td>3-1/2”</td>
<td>2-1/2”</td>
<td>12”</td>
<td>13”</td>
<td>3-1/4”</td>
</tr>
<tr>
<td>8190EZHD-18</td>
<td>3-1/2”</td>
<td>2-1/2”</td>
<td>18”</td>
<td>19”</td>
<td>3-1/4”</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.

#### Additional Information

- Specify PR when ordering a set of pulls for back to back mounting
- For one back to back machined pull, specify Nsgl or Psgl (glass doors)
- Custom lengths are available as engineering special, consult customer service.

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Ives Architectural hardware products