General Description:

The R-8904 Bike offers versatile design and functionality. Stainless steel bike-locking arms are bolted internally to ensure secure storage for cyclists. Locking arms can also be used to assist in removal and transport for removable applications. R-8904 Bike Bollards are made from 316-grade stainless steel for premium aesthetics and high resistance to corrosion and wear. Select from a range of mounting options: bolt-down flange, in-ground embed, fold-down and removable mountings.

For more information on bollard post installation, please visit: www.reliance-foundry.com/bollard/installation-bollards

Specifications:

Height: 36" ( Above Grade )
Base Diameter: 4 3/8"
Weight: 37 lbs ( Bollard Post Full Length )
Material: Stainless Steel 316

Finish Options:

- Satin Surface Finish Buffed No. 6
- Polyester Powdercoated ( Optional )

See Reliance Foundry's standard color options at www.reliance-foundry.com/bollard/colors-bollards

5 Available Mounting Options

- Removable Receiver with Lid (for detail, see sheet 2 of 6)
- Removable Receiver with Chain (for detail, see sheet 3 of 6)
- Fixed Embedded Mount (for detail, see sheet 4 of 6)
- Flanged Surface Mount (for detail, see sheet 5 of 6)
- Fold Down Mount (for detail, see sheet 6 of 6)
**General Description:**

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**Specifications:**
- **Height:** 36" (Above Grade)
- **Base Diameter:** 4 3/8"
- **Weight:** 37 lbs (Bollard Post Full Length)
- **Material:** Stainless Steel 316

**Finish Options:**
- Satin Surface Finish Buffed No. 6
- Polyester Powdercoated (Optional)

See Reliance Foundry's standard color options at [www.reliance-foundry.com/bollard/colors-bollards](http://www.reliance-foundry.com/bollard/colors-bollards)

**Mount Options:**
- Removable Receiver with Lid (see sheet 2 of 6)
- Removable Receiver with Chain (see sheet 3 of 6)
- Fixed Embedded Mount (see sheet 4 of 6)
- Flanged Surface Mount (see sheet 5 of 6)
- Fold Down Mount (see sheet 6 of 6)

---

**Notes:**
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**PARTS LIST**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>R8904 Removable</td>
<td>R8904 Removable Bollard Assembly</td>
<td>Stainless Steel 316</td>
<td>37 lbs</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>R8901R Receiver</td>
<td>R8901R Receiver Assembly w/ Lid</td>
<td>Stainless Steel 316</td>
<td>25 lbs</td>
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<td>3</td>
<td>1</td>
<td>Padlock (Optional)</td>
<td>Optional Padlock (Brass or Stainless Steel)</td>
<td>Choice of Brass or Stainless Steel</td>
<td>5/8 lbs</td>
</tr>
</tbody>
</table>

---

**Contractor / Installer Alert:**

Please give consideration to the location of the bike arm and the padlock pin when installing with a removable bike bollard receiver. It may be desirable to ensure the removable bollard receiver padlock pin is oriented in the same direction as the bike bollard arms.

---

**Removable Receiver with Lid**

* If local frost line exceeds 12" deep, provide adequate drainage by piping through concrete, connect to drain rock layer underneath.
### General Description:

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### Specifications:

- **Height:** 36" (Above Grade)
- **Base Diameter:** 4 3/8"
- **Weight:** 37 lbs (Bollard Post Full Length)
- **Material:** Stainless Steel 316

### Finish Options:

- Satin Surface Finish Buffed No. 6
- Polyester Powdercoated (Optional)

See Reliance Foundry's standard color options at [www.reliance-foundry.com/bollard/colors-bollards](http://www.reliance-foundry.com/bollard/colors-bollards)

### Mount Options:

- Removable Receiver with Lid (see sheet 2 of 6)
- Removable Receiver with Chain (see sheet 3 of 6)
- Fixed Embedded Mount (see sheet 4 of 6)
- Flanged Surface Mount (see sheet 5 of 6)
- Fold Down Mount (see sheet 6 of 6)

### Notes:

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### Removable Receiver with Chain

Contractor / Installer Alert:
Please give consideration to the location of the bike arm and the padlock pin when installing with a removable bike bollard receiver. It may be desirable to ensure the removable bollard receiver padlock pin is oriented in the same direction as the bike bollard arms.

New Concrete

* If local frost line exceeds 12" deep, provide adequate drainage by piping through concrete, connect to drain rock layer underneath

**Bind Stakes**

Stop 29 1/2" from edge of lot.

**Foundation**

18" Min.

1/8" Wall

12" Min.

**New Concrete**

**Drain Rock**

* If local frost line exceeds 12" deep, provide adequate drainage by piping through concrete, connect to drain rock layer underneath

**Contractor / Installer Alert:**
Please give consideration to the location of the bike arm and the padlock pin when installing with a removable bike bollard receiver. It may be desirable to ensure the removable bollard receiver padlock pin is oriented in the same direction as the bike bollard arms.

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<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>R8904 Removable</td>
<td>R8904 Removable Bollard Assembly</td>
<td>Stainless Steel 316</td>
<td>37 lbs</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>R8902R Receiver</td>
<td>R8902R Receiver Assembly</td>
<td>Stainless Steel 316</td>
<td>17 lbs</td>
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<tr>
<td>3</td>
<td>1</td>
<td>Padlock (Optional)</td>
<td>Optional Padlock (Brass or Stainless Steel)</td>
<td>Choice of Brass or Stainless Steel</td>
<td>5/8 lbs</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>R8902RC Receiver Cover (Optional)</td>
<td>Optional R8902RC Receiver Cover</td>
<td>Stainless Steel 316</td>
<td>2 lbs</td>
</tr>
</tbody>
</table>
General Description:

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For more information on bollard post installation, please visit: www.reliance-foundry.com/bollard/installation-bollards

Specifications:

- Height: 36" (Above Grade)
- Base Diameter: 4 3/8" in New Concrete
- Weight: 37 lbs (Bollard Post Full Length)
- Material: Stainless Steel 316

Finish Options:

- Satin Surface Finish Buffed No. 6
- Polyester Powdercoated (Optional)

See Reliance Foundry’s standard color options at www.reliance-foundry.com/bollard/colors-bollards

Mount Options:

- Removable Receiver with Lid (see sheet 2 of 6)
- Removable Receiver with Chain (see sheet 3 of 6)
- Fixed Embedded Mount (see sheet 4 of 6)
- Flanged Surface Mount (see sheet 5 of 6)
- Fold Down Mount (see sheet 6 of 6)

Notes:

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<tbody>
<tr>
<td>1</td>
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<td>R904 Fixed Bollard</td>
<td>Stainless Steel 316</td>
<td>37 lbs</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>Polyehtylene Plug 1/2&quot;</td>
<td>Polyethylene Plastic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Steel Rebar</td>
<td>Steel Epoxy Coated</td>
<td>3/8 lbs</td>
<td></td>
</tr>
</tbody>
</table>

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**Fixed Installation in New Concrete**

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For more information on bollard post installation, please visit: www.reliance-foundry.com/bollard/installation-bollards

### Specifications:

- **Height:** 36" (Above Grade)
- **Base Diameter:** 4 3/8"
- **Weight:** 37 lbs (Bollard Post Full Length)
- **Material:** Stainless Steel 316

### Finish Options:

- Satin Surface Finish Buffed No. 6
- Polyester Powdercoated (Optional)

See Reliance Foundry’s standard color options at www.reliance-foundry.com/bollard/colors-bollards

### Mount Options:

- Removable Receiver with Lid
  (see sheet 2 of 6)
- Removable Receiver with Chain
  (see sheet 3 of 6)
- Fixed Embedded Mount
  (see sheet 4 of 6)
- Flanged Surface Mount
  (see sheet 5 of 6)
- Fold Down Mount
  (see sheet 6 of 6)

### Notes:

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<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>R8904 flanged Bollard</td>
<td>R8904 Flanged Bollard Assembly</td>
<td>Stainless Steel 316</td>
<td>36 lbs</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
<td>Button Head Bolt 1/2&quot; x 1 1/4&quot;</td>
<td>Hexagon Socket Button Head Cap Bolt 1/2&quot; x 1 1/4&quot; - requires 5/16&quot; hex key</td>
<td>Stainless Steel</td>
<td>1/8 lbs</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>Stainless Steel Washer 1/2&quot;</td>
<td>Stainless Steel Washer 1/2&quot; OD 1 1/4&quot; Thick .05&quot;</td>
<td>Stainless Steel</td>
<td>1/8 lbs</td>
</tr>
<tr>
<td>4</td>
<td>3</td>
<td>Drop-in Concrete Insert 1/2&quot;</td>
<td>Drop-in Concrete Insert 1/2&quot; - requires 5/8&quot; x 2&quot; hole (dia. x depth)</td>
<td>Steel Plated</td>
<td>1/8 lbs</td>
</tr>
</tbody>
</table>
General Description:
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Specifications:
- Height: 36” (Above Grade)
- Base Diameter: 4 3/8”
- Weight: 37 lbs (Bollard Post Full Length)
- Material: Stainless Steel 316

Finish Options:
- Satin Surface Finish Buffed No. 6
- Polyester Powdercoated (Optional)

See Reliance Foundry’s standard color options at www.reliance-foundry.com/bollard/colors-bollards

Mount Options:
- Removable Receiver with Lid (see sheet 2 of 6)
- Removable Receiver with Chain (see sheet 3 of 6)
- Fixed Embedded Mount (see sheet 4 of 6)
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>R8904 Fold Down Bollard</td>
<td>R8904 Fold Down Bollard Assembly</td>
<td>Stainless Steel 316</td>
<td>37 lbs</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>R2950A Fold Down Base</td>
<td>R2950A Fold Down Base Assembly</td>
<td>Steel HDG</td>
<td>15 lbs</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
<td>Drop-in Concrete Insert 1/2”</td>
<td>Drop-in Concrete Insert 1/2” - requires 5/8” x 2” hole (dia. x depth)</td>
<td>Steel Plated</td>
<td>1/8 lbs</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
<td>Stainless Steel Washer 1/2”</td>
<td>Stainless Steel Washer 1/2” OD 1 1/4” Thick .05”</td>
<td>Stainless Steel</td>
<td>1/8 lbs</td>
</tr>
<tr>
<td>5</td>
<td>4</td>
<td>Button Head Bolt 1/2” x 1 1/4”</td>
<td>Hexagon Socket Button Head Cap Bolt 1/2” x 1 1/4” - requires 5/16” hex key</td>
<td>Stainless Steel</td>
<td>1/8 lbs</td>
</tr>
<tr>
<td>6</td>
<td>2</td>
<td>Button Head Bolt 3/8” x 1”</td>
<td>Hexagon Socket Button Head Cap Bolt 3/8” x 1” - requires 3/32” hex key</td>
<td>Stainless Steel</td>
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<tr>
<td>7</td>
<td>2</td>
<td>O-Ring 3/8”</td>
<td>Nitrile Rubber O-Ring 3/8”</td>
<td>Nitrile Rubber</td>
<td>1/8 lbs</td>
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<tr>
<td>8</td>
<td>2</td>
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<td>Hex Nut Nylon Lock 3/8” - requires 9/16” wrench</td>
<td>Steel Plated Nylon Lock</td>
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</tr>
<tr>
<td>9</td>
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<td>Optional Padlock (Brass or Stainless Steel)</td>
<td>Choice of Brass or Stainless Steel</td>
<td>5/8 lbs</td>
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