Bike Bollard R-7835-B

General Description:
The R-7835-B Bike Bollard offers premium decorative aesthetics with added functionality. 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-7835-B Bike bollards feature a decorative steel assembly, powder coated in 1 of 6 custom colors for exceptional durability and corrosion resistance. Reinforce bollards with embedded steel pipes or select from a range of mounting options: surface or embedded anchors or removable mountings.

Specifications:
- Height: 35" (Bollard Only)
- Base Diameter: 9 1/2"
- Weight: 85 lbs
- Material: Steel Body, Ductile Iron Cap, Stainless Steel Bike Arms
- Max. Interior Security Post Size: 7 5/8" x 31" (Diameter x Height)

Finish Options:
- Polyester Powdercoated

Installation Options:
- Fixed - Anchor Casting in New Concrete (see sheet 2 of 12)
- Fixed - Concrete Insert Anchor in Existing Concrete (see sheet 3 of 12)
- Fixed - Adhesive Anchor in Existing Concrete (see sheet 4 of 12)
- Fixed - Anchor Casting with Concrete Form (see sheet 5 of 12)
- Post Cover - New Post in New Concrete (see sheet 6 of 12)
- Post Cover - New Post in Existing Concrete (see sheet 7 of 12)
- Post Cover - Existing Post with Adhesive Anchor (see sheet 8 of 12)
- Post Cover - Existing Post with Concrete Anchor (see sheet 9 of 12)
- Removable - Anchor Casting in New Concrete (see sheet 10 of 12)
- Removable - Concrete Insert Anchor in Existing Concrete (see sheet 11 of 12)
- Removable - Premium Retractable in New Concrete (see sheet 12 of 12)

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

Care and Maintenance:
Reliance’s line of bollards are finished with a long-lasting powder coating. Proper care and maintenance are required. Regularly-performed inspections and routine cleaning will ensure that a bollard retains its aesthetic appeal and does not become damaged by the elements.

Optional Accessories:
- Chain Eye
- Quick Link
- Chain (5/16")
- Padlock, Brass (1 3/4")
- Padlock, Stainless Steel (2")

See Reliance Foundry's optional accessories at: www.reliance-foundry.com/bollard/accessories-bollards
**PARTS LIST**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
<th>WEIGHT</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>R7835B</td>
<td>Steel Powder Coated Base w/ Bike Arms</td>
<td>Steel Powder Coated</td>
<td>78 lbs</td>
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<tr>
<td>2</td>
<td>1</td>
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<td>Ductile Iron Powder Coated</td>
<td>3 lbs</td>
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<tr>
<td>3</td>
<td>1</td>
<td>R7500AN 1&quot;</td>
<td>Ductile Iron Hot Dip Galvanized Anchor</td>
<td>Ductile Iron Hot Dip Galvanized</td>
<td>8 3/8 lbs</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>R7500BAR 1&quot;</td>
<td>Threaded Bar 1&quot; x 35&quot;</td>
<td>Steel Plated</td>
<td>6 1/2 lbs</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>Washer 1&quot; OD 2&quot;</td>
<td>Washers 1&quot; OD 2&quot; Thick 1/8&quot;</td>
<td>Steel Plated</td>
<td>1/4 lbs</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
<td>Hex Nut 1&quot;</td>
<td>Hex Nut 1&quot; - requires 1 1/2&quot; wrench</td>
<td>Steel Plated</td>
<td>1/4 lbs</td>
</tr>
<tr>
<td>7</td>
<td>3</td>
<td>Hexagon Socket Set Screw 3/8&quot; x 3/8&quot;</td>
<td>Hexagon Socket Set Screw 3/8&quot; x 3/8&quot; - requires 3/16&quot; hex key</td>
<td>Stainless Steel</td>
<td>3/8 lbs</td>
</tr>
<tr>
<td>8</td>
<td>3</td>
<td>Polyethylene Plug 3/8&quot;</td>
<td>Polyethylene Plug 3/8&quot;</td>
<td>LDPE Black</td>
<td>3/8 lbs</td>
</tr>
</tbody>
</table>

**General Description:**

The R-7835-B Bike Bollard offers premium decorative aesthetics with added functionality. 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-7835-B Bike bollards feature a decorative steel assembly, powder coated in 1 of 6 custom colors for exceptional durability and corrosion resistance. Reinforce bollards with embedded steel pipes or select from a range of mounting options: surface or embedded anchors or removable mountings.

**Specifications:**

- **Height:** 35"  
  **Base Diameter:** 9 1/2"  
- **Weight:** 85 lbs (Bollard Only)  
- **Material:** Steel Body, Ductile Iron Cap, Stainless Steel Bike Arms  
- **Max. Interior Security Post Size:** 7 5/8" x 31" (Diameter x Height)

**Finish Options:**

- Polyester Powdercoated

See Reliance Foundry's standard color options at:  

**Installation Options:**

- Fixed - Anchor Casting in New Concrete  
  (see sheet 2 of 12)  
- Fixed - Concrete Insert Anchor in Existing Concrete  
  (see sheet 3 of 12)  
- Fixed - Adhesive Anchor in Existing Concrete  
  (see sheet 4 of 12)  
- Fixed - Anchor Casting with Concrete Form  
  (see sheet 5 of 12)  
- Post Cover - New Post in New Concrete  
  (see sheet 6 of 12)  
- Post Cover - New Post in Existing Concrete  
  (see sheet 7 of 12)  
- Post Cover - Existing Post with Adhesive Anchor  
  (see sheet 8 of 12)  
- Post Cover - Existing Post with Concrete Anchor  
  (see sheet 9 of 12)  
- Removable - Anchor Casting in New Concrete  
  (see sheet 10 of 12)  
- Removable - Concrete Insert Anchor in Existing Concrete  
  (see sheet 11 of 12)  
- Removable - Premium Retractable in New Concrete  
  (see sheet 12 of 12)

For more information on bollard post installation, please visit:  

**Care and Maintenance:**

Reliance’s line of bollards are finished with a long-lasting powder coating. Proper care and maintenance are required. Regularly-performed inspections and routine cleaning will ensure that a bollard retains its aesthetic appeal and does not become damaged by the elements.

See Reliance Foundry’s maintenance guide at:  

**Notes:**

1) Bollard post is provided as shown. Concrete, foundation and/or installation ordered separately or provided by others.
2) Minimum foundation sizes depend on local soil conditions, weather conditions, and engineering requirements.
3) Dimensions provided herein is for reference only. Please consult Reliance Foundry sales professionals if any dimension is critical to your particular installation.
4) Reliance Foundry reserves the right to amend design and specifications without prior notice for product improvement.

**Tools needed:**

1) Measuring tape  
2) 1 1/2" wrench  
3) 3/16" hex key  
4) Leveling tool  
5) Socket wrench  
6) Wrench set

1) Ensure top of anchor casting is level and flush with finished concrete grade.  
2) Wait until concrete is cured.  
3) Tighten threaded bar until it reaches approx. 1 to 1 1/2" into the anchor casting.  
4) Secure bollard base with 1" washer and 1" nut.  
5) Secure bollard cap with 3/8" set screws and cover set screws with plastic plugs.

**Notes:**

1) Bollard post is provided as shown. Concrete, foundation and/or installation ordered separately or provided by others.
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### General Description:

The R-7835-B Bike Bollard offers premium decorative aesthetics with added functionality. 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-7835-B Bike bollards feature a decorative steel assembly, powder coated in 1 of 6 custom colors for exceptional durability and corrosion resistance. Reinforce bollards with embedded steel pipes or select from a range of mounting options: surface or embedded anchors or removable mountings.

### Specifications:

- **Height:** 35”
- **Base Diameter:** 9 1/2”
- **Weight:** 85 lbs (Bollard Only)
- **Material:** Steel Body, Ductile Iron Cap, Stainless Steel Bike Arms
- **Max. Interior Security Post Size:** 7 5/8” x 31” (Diameter x Height)

### Finish Options:

- Polyester Powdercoated

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

**Tools needed:**

1. Measuring tape
2. 1 1/8” wrench
3. 3/16” hex key
4. Hammer drill
5. 1” Masonry drill bit
6. Hammer
7. Drop-in-concrete insert setting tool

### Care and Maintenance:

Reliance’s line of bollards are finished with a long-lasting powder-coating. Proper care and maintenance are required. Regularly-performed inspections and routine cleaning will ensure that a bollard retains its aesthetic appeal and does not become damaged by the elements. See Reliance Foundry’s maintenance guide at: [www.reliance-foundry.com/bollard/maintenance-bollards](http://www.reliance-foundry.com/bollard/maintenance-bollards)

### Installation Options:

- **Fixed - Anchor Casting in New Concrete**
- **Fixed - Concrete Insert Anchor in Existing Concrete**
- **Fixed - Adhesive Anchor in Existing Concrete**
- **Fixed - Anchor Casting with Concrete Form**
- **Post Cover - New Post in New Concrete**
- **Post Cover - New Post in Existing Concrete**
- **Post Cover - Existing Post with Adhesive Anchor**
- **Removable - Concrete Insert Anchor in New Concrete**
- **Removable - Concrete Insert Anchor in Existing Concrete**
- **Removable - Premium Retractable in New Concrete**
- **Removable - Premium Retractable in Existing Concrete**

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

For more information on bollard post installation, please visit: [www.reliance-foundry.com/bollard/installation-bollards](http://www.reliance-foundry.com/bollard/installation-bollards)

### Bike Bollard R-7835-B

Material: Steel Body, Ductile Iron Cap, Stainless Steel Bike Arms

**Base Diameter:** 9 1/2”

**Height:** 35”

**Weight:** 85 lbs (Bollard Only)

**Specifications:**

- **Removable - Anchor Casting in New Concrete**
- **Removable - Anchor Casting in New Concrete**
- **Removable - Concrete Insert Anchor in New Concrete**
- **Removable - Concrete Insert Anchor in Existing Concrete**
- **Removable - Anchor Casting in New Concrete**
- **Removable - Premium Retractable in New Concrete**
- **Removable - Premium Retractable in Existing Concrete**

**Tools needed:**

1. Measuring tape
2. 1 1/8” wrench
3. 3/16” hex key
4. Hammer drill
5. 1” Masonry drill bit
6. Hammer
7. Drop-in-concrete insert setting tool

**Notes:**

1. Bollard post is provided as shown. Concrete, foundation and/or installation ordered separately or provided by others.
2. Minimum foundation sizes depend on local soil conditions, weather conditions, and engineering requirements.
3. Dimensions provided herein is for reference only. Please consult Reliance Foundry sales professionals if any dimension is critical to your particular installation.
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<th>MATERIAL</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>R7835B</td>
<td>R7835 Cap w/ Bike Arms</td>
<td>Steel Powder Coated</td>
<td>76 lbs</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>R7835C</td>
<td>R7835 Base w/ Bike Arms</td>
<td>Steel Powder Coated</td>
<td>76 lbs</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
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<td>Steel Plated</td>
<td>9 lbs</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>R7500BAR</td>
<td>R7500 Threaded Bar 3/4” x 35”</td>
<td>Steel Plated</td>
<td>3 5/8 lbs</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>Washer 3/4” OD 2”</td>
<td>Washer 3/4” OD 2” Thick 1/8”</td>
<td>Steel Plated</td>
<td>1/8 lbs</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
<td>Hex Nut 3/4”</td>
<td>Hex Nut 3/4” - requires 1 1/8” wrench</td>
<td>Steel Plated</td>
<td>1/8 lbs</td>
</tr>
<tr>
<td>7</td>
<td>3</td>
<td>Hexagon Socket Set Screw 3/8” x 3/8”</td>
<td>Hexagon Socket Set Screw 3/8” x 3/8” - requires 3/16” hex key</td>
<td>Stainless Steel</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>3</td>
<td>Polyethylene Plug 3/8”</td>
<td>Polyethylene Plug 3/8”</td>
<td>LDPE Black</td>
<td></td>
</tr>
</tbody>
</table>
**Bike Bollard R-7835-B**

### General Description:
The R-7835-B Bike Bollard offers premium decorative aesthetics with added functionality. 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-7835-B Bike bollards feature a decorative steel assembly, powder coated in one of 6 custom colors for exceptional durability and corrosion resistance. Reinforce bollards with embedded steel pipes or select from a range of mounting options: surface or embedded anchors or removable mountings.

### Specifications:
- **Height:** 35"  
  **Base Diameter:** 9 1/2"  
- **Weight:** 85 lbs (Bollard Only)  
- **Material:** Steel Body, Ductile Iron Cap, Stainless Steel Bike Arms  
- **Max. Interior Security Post Size:** 7 5/8" x 31" (Diameter x Height)

### Finish Options:
- Polyester Powdercoated

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

### Installation Options:
- **Fixed - Anchor Casting in New Concrete**  
  (see sheet 4 of 12)  
- **Fixed - Anchor Casting in New Concrete**  
  (see sheet 4 of 12)  
- **Fixed - Anchor Casting with Concrete Form**  
  (see sheet 5 of 12)  
- **Post Cover - New Post in New Concrete**  
  (see sheet 6 of 12)  
- **Post Cover - Existing Post in New Concrete**  
  (see sheet 7 of 12)  
- **Post Cover - Existing Post with Adhesive Anchor**  
  (see sheet 8 of 12)  
- **Post Cover - Existing Post with Anchor Casting**  
  (see sheet 9 of 12)  
- **Removable - Anchor Casting in New Concrete**  
  (see sheet 10 of 12)  
- **Removable - Premium Retractable in New Concrete**  
  (see sheet 11 of 12)  
- **Removable - Premium Retractable in Concrete Insert Anchor in Existing Concrete**  
  (see sheet 12 of 12)

For more information on bollard post installation, please visit: [www.reliance-foundry.com/bollard/installation-bollards](http://www.reliance-foundry.com/bollard/installation-bollards)

### Care and Maintenance:
Reliance’s line of bollards are finished with a long-lasting powder coating. Proper care and maintenance are required. Regularly-performed inspections and routine cleaning will ensure that a bollard retains its aesthetic appeal and does not become damaged by the elements. See Reliance Foundry’s maintenance guide at: [www.reliance-foundry.com/bollard/maintenance-bollards](http://www.reliance-foundry.com/bollard/maintenance-bollards)

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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>R7835B</td>
<td>R7835 Base w/ Bike Arms</td>
<td>Steel Powder Coated</td>
<td>76 lbs</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>R7835C</td>
<td>R7835 Cap</td>
<td>Ductile Iron Powder Coated</td>
<td>9 lbs</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Adhesive Anchor</td>
<td>AC100+ Gold Adhesive Anchoring System</td>
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<tr>
<td>4</td>
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<td>R7500BAR 1&quot;</td>
<td>R7500 Threaded Bar 1&quot; x 38&quot;</td>
<td>Steel Plate</td>
<td>7 lbs</td>
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<tr>
<td>5</td>
<td>1</td>
<td>Washer 1/2 OD 2&quot;</td>
<td>Washer 1/2 OD 2&quot; Thick 1/8&quot;</td>
<td>Steel Plate</td>
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<tr>
<td>6</td>
<td>1</td>
<td>Hex Nut 1&quot;</td>
<td>Hex Nut 1&quot; - requires 1 1/2&quot; wrench</td>
<td>Steel Plate</td>
<td>7/16 lbs</td>
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<tr>
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<td>3</td>
<td>Hexagon Socket Set Screw 3/8&quot; x 3/8&quot;</td>
<td>Hexagon Socket Set Screw 3/8&quot; x 3/8&quot; - requires 3/16 hex key</td>
<td>Stainless Steel</td>
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</tr>
<tr>
<td>8</td>
<td>3</td>
<td>Polyethylene Plug 3/8&quot;</td>
<td>Polyethylene Plug 3/8&quot;</td>
<td>LDPE Black</td>
<td>3 lbs</td>
</tr>
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4. Reliance Foundry reserves the right to amend design and specifications without prior notice for product improvement.

### Tools Needed:
1. Measuring tape  
2. 1 1/2" wrench  
3. 3/16" hex key  
4. Hammer drill  
5. 1 1/8" Masonry drill bit  
6. Caulking gun and utility knife
# Bike Bollard R-7835-B

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## Finish Options:
- Polyester Powdercoated

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

## Installation Options:
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For more information on bollard post installation, please visit: [www.reliance-foundry.com/bollard/installation-bollards](http://www.reliance-foundry.com/bollard/installation-bollards)

## Care and Maintenance:
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<td>9 lbs</td>
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<td>3</td>
<td>1</td>
<td>R7500AN 1&quot;</td>
<td>R7500 Anchor Casting 1&quot;</td>
<td>Ductile Iron Hot Dip Galvanized</td>
<td>8 3/8 lbs</td>
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</tr>
</tbody>
</table>

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Notes:
1) Bollard post is provided as shown. Concrete, foundation and/or installation ordered separately or provided by others.  
2) Minimum foundation sizes depend on local soil conditions, weather conditions, and engineering requirements.  
3) Dimensions provided herein is for reference only. Please consult Reliance Foundry sales professionals if any dimension is critical to your particular installation.  
4) Reliance Foundry reserves the right to amend design and specifications without prior notice for product improvement.

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**Tools needed:**  
1) Measuring tape  
2) 1 1/2" wrench  
3) 3/16" hex key

**Notes:**  
1) Ensure top of anchor casting is level and flush with finished concrete grade.  
2) Wait until concrete is cured.  
3) Tighten threaded bar until it reaches approx. 1 to 1 1/2" into the anchor casting.  
4) Secure bollard base with 1" washer and 1" nut.  
5) Secure bollard cap with 3/8" set screws and cover set screws with plastic plugs.
Bike Bollard R-7835-B

**General Description:**
The R-7835-B Bike Bollard offers premium decorative aesthetics with added functionality. 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-7835-B bike bollards feature a decorative steel assembly, powder coated in 1 of 6 custom colors for exceptional durability and corrosion resistance. Reinforce bollards with embedded steel pipes or select from a range of mounting options: surface or embedded anchors or removable mountings.

**Specifications:**
- Height: 35"  
- Base Diameter: 9 1/2"  
- Weight: 85 lbs (Bollard Only)  
- Material: Steel Body, Ductile Iron Cap, Stainless Steel Bike Arms  
- Max. Interior Security Post Size: 7 5/8" x 31" (Diameter x Height)

**Finish Options:**
- Polyester Powdercoated  

**Installation Options:**
- Fixed - Anchor Casting in New Concrete (see sheet 2 of 12)  
- Fixed - Concrete Insert Anchor in Existing Concrete (see sheet 3 of 12)  
- Fixed - Adhesive Anchor in Existing Concrete (see sheet 4 of 12)  
- Fixed - Anchor Casting with Concrete Form (see sheet 5 of 12)  
- Post Cover - New Post in New Concrete (see sheet 6 of 12)  
- Post Cover - New Post in Existing Concrete (see sheet 7 of 12)  
- Post Cover - Existing Post with Adhesive Anchor (see sheet 8 of 12)  
- Post Cover - Existing Post with Concrete Anchor (see sheet 9 of 12)  
- Removable - Anchor Casting in New Concrete (see sheet 10 of 12)  
- Removable - Concrete Insert Anchor in Existing Concrete (see sheet 11 of 12)  
- Removable - Premium Retractable in New Concrete (see sheet 12 of 12)

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

**Care and Maintenance:**
Reliance's line of bollards are finished with a long-lasting powder-coating. Proper care and maintenance are required. Regularly-performed inspections and routine cleaning will ensure that a bollard retains its aesthetic appeal and does not become damaged by the elements. See Reliance Foundry's maintenance guide at: www.reliance-foundry.com/bollard/maintenance-bollards

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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>
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<td>R7835 Base w/ Bike Arms</td>
<td>Steel Powder Coated</td>
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<tr>
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<td>R7835 Cap</td>
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<td>Hex Nut 1&quot; - requires 1 1/2&quot; wrench</td>
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<td>LDPE Black</td>
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</tbody>
</table>

---

Notes:
1) Bollard post is provided as shown. Concrete, foundation and/or installation ordered separately or provided by others.  
2) Minimum foundation sizes depend on local soil conditions, weather conditions, and engineering requirements.  
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Bike Bollard R-7835-B

**General Description:**

The R-7835-B Bike Bollard offers premium decorative aesthetics with added functionality. 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-7835-B Bike bollards feature a decorative steel assembly, powder coated in 1 of 6 custom colors for exceptional durability and corrosion resistance. Reinforce bollards with embedded steel pipes or select from a range of mounting options: surface or embedded anchors or removable mountings.

**Specifications:**

- **Height:** 35" (Bollard Only)
- **Base Diameter:** 9 1/2"
- **Weight:** 85 lbs
- **Material:** Steel Body, Ductile Iron Cap, Stainless Steel Bike Arms
- **Max. Interior Security Post Size:** 7 5/8" x 31" (Diameter x Height)

**Finish Options:**

- Polyester Powdercoated

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

**Installation Options:**

- Fixed - Anchor Casting in New Concrete (see sheet 2 of 12)
- Fixed - Concrete Insert Anchor in Existing Concrete (see sheet 3 of 12)
- Fixed - Adhesive Anchor in Existing Concrete (see sheet 4 of 12)
- Fixed - Anchor Casting with Concrete Form (see sheet 5 of 12)
- Post Cover - New Post in New Concrete (see sheet 6 of 12)
- Post Cover - New Post in Existing Concrete (see sheet 7 of 12)
- Post Cover - Existing Post with Adhesive Anchor (see sheet 8 of 12)
- Post Cover - Existing Post with Concrete Anchor (see sheet 9 of 12)
- Removable - Anchor Casting in New Concrete (see sheet 10 of 12)
- Removable - Concrete Insert Anchor in Existing Concrete (see sheet 11 of 12)
- Removable - Premium Retractable in New Concrete (see sheet 12 of 12)

For more information on bollard post installation, please visit: [www.reliance-foundry.com/bollard/installation-bollards](http://www.reliance-foundry.com/bollard/installation-bollards)

**Care and Maintenance:**

Reliance’s line of bollards are finished with a long-lasting powder-coating. Proper care and maintenance are required. Regularly-performed inspections and routine cleaning will ensure that a bollard retains its aesthetic appeal and does not become damaged by the elements.

See Reliance Foundry’s maintenance guide at: [www.reliance-foundry.com/bollard/maintenance-bollards](http://www.reliance-foundry.com/bollard/maintenance-bollards)

**Notes:**

1. Bollard post is provided as shown. Concrete, foundation and/or installation ordered separately or provided by others.
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<td>R7835 Base w/ Bike Arms</td>
<td>Steel Powder Coated</td>
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<tr>
<td>2</td>
<td>1</td>
<td>R7835C</td>
<td>R7835 Cap</td>
<td>Ductile Powder Coated</td>
<td>9 lbs</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>R7500BAR 1&quot;</td>
<td>R7500 Threaded Bar 1&quot; x 35&quot;</td>
<td>Steel Plate</td>
<td>8 1/2 lbs</td>
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<tr>
<td>4</td>
<td>1</td>
<td>Washer 1&quot; OD 2&quot;</td>
<td>Washer 1&quot; OD 2&quot; Thick 1/2&quot;</td>
<td>Steel Plate</td>
<td>1/2 lbs</td>
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<td>5</td>
<td>2</td>
<td>Hex Nut 1&quot;</td>
<td>Hex Nut 1&quot; - requires 1 1/2&quot; wrench</td>
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<tr>
<td>6</td>
<td>3</td>
<td>Hexagon Socket Set Screw 3/8&quot; x 3/8&quot;</td>
<td>Hexagon Socket Set Screw 3/8&quot; x 3/8&quot; - requires 3/16&quot; hex key</td>
<td>Stainless Steel</td>
<td>4 lbs</td>
</tr>
<tr>
<td>7</td>
<td>3</td>
<td>Polyethylene Plug 3/8&quot;</td>
<td>Polyethylene Plug 3/8&quot;</td>
<td>LDPE Black</td>
<td>3 lbs</td>
</tr>
</tbody>
</table>

**Tools needed:**

1) Measuring tape  
2) 1 1/2" wrench  
3) 3/16" hex key

**Notes:**

1) Bollard post is provided as shown. Concrete, foundation and/or installation ordered separately or provided by others.  
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Bike Bollard  R-7835-B

General Description:
The R-7835-B Bike Bollard offers premium decorative aesthetics with added functionality. 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-7835-B Bike bollards feature a decorative steel assembly, powder coated in 1 of 6 custom colors for exceptional durability and corrosion resistance. Reinforce bollards with embedded steel pipes or select from a range of mounting options: surface or embedded anchors or removable mountings.

Specifications:
Height: 35”
Base Diameter: 9 1/2”
Weight: 85 lbs (Bollard Only)
Material: Steel Body, Ductile Iron Cap, Stainless Steel Bike Arms
Max. Interior Security Post Size: 7 5/8” x 31” (Diameter x Height)

Finish Options:
- Polyester Powdercoated
See Reliance Foundry’s standard color options at: www.reliance-foundry.com/bollard/colors-bollards

Installation Options:
- Fixed - Anchor Casting in New Concrete (see sheet 2 of 12)
- Fixed - Concrete Insert Anchor in Existing Concrete (see sheet 3 of 12)
- Fixed - Adhesive Anchor in Existing Concrete (see sheet 4 of 12)
- Fixed - Anchor Casting with Concrete Form (see sheet 5 of 12)
- Post Cover - New Post in New Concrete (see sheet 6 of 12)
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- Removable - Anchor Casting in New Concrete (see sheet 10 of 12)
- Removable - Concrete Insert Anchor in Existing Concrete (see sheet 11 of 12)
- Removable - Premium Retractable in New Concrete (see sheet 12 of 12)

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

Care and Maintenance:
Reliance’s line of bollards are finished with a long-lasting polyester powder-coating. Proper care and maintenance are required. Regularly-performed inspections and routine cleaning will ensure that a bollard retains its aesthetic appeal and does not become damaged by the elements.

See Reliance Foundry’s maintenance guide at: www.reliance-foundry.com/bollard/maintenance-bollards
**General Description:**

The R-7835-B Bike Bollard offers premium decorative aesthetics with added functionality. 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-7835-B Bike bollards feature a decorative steel assembly, powder coated in 1 of 6 custom colors for exceptional durability and corrosion resistance. Reinforce bollards with embedded steel pipes or select from a range of mounting options: surface or embedded anchors or removable mountings.

**Specifications:**

- **Height:** 35”
- **Base Diameter:** 9 1/2”
- **Weight:** 85 lbs (Bollard Only)
- **Material:** Steel Body, Ductile Iron Cap, Stainless Steel Bike Arms
- **Max. Interior Security Post Size:** 7 5/8” x 31” (Diameter x Height)

**Finish Options:**

- Polyester Powdercoated

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

**Installation Options:**

- Fixed - Anchor Casting in New Concrete (see sheet 2 of 12)
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**Care and Maintenance:**

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**Notes:**

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3. Dimensions provided herein is for reference only. Please consult Reliance Foundry sales professionals if any dimension is critical to your particular installation.
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**Tools needed:**

1) Measuring tape
2) 1 1/8” wrench
3) 3/16” hex key
4) Hammer drill
5) 1” Masonry drill bit
6) Hammer
7) Drop-in concrete insert setting tool

**Installation:**

1) Use hammer drill to make hole 1” dia. x 3 1/8” depth.
2) Clean drill hole of debris.
3) Insert drop-in anchor into hole.
4) Use hammer and setting tool to drive plug down.
5) Tighten threaded bar until it reached approx. 1” into the drop-in anchor.
6) Secure bollard base with 3/4” washer and 3/4” nut.
7) Secure bollard cap with 3/8” set screws and cover set screws with plastic plugs.

**Notes:**

- Bike Bollard R-7835-B
- General Description:
- Specifications:
- Finish Options:
- Installation Options:
- Care and Maintenance:
Bike Bollard  R-7835-B

General Description:
The R-7835-B Bike Bollard offers premium decorative aesthetics with added functionality. 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-7835-B Bike bollards feature a decorative steel assembly, powder coated in 1 of 6 custom colors for exceptional durability and corrosion resistance. Reinforce bollards with embedded steel pipes or select from a range of mounting options: surface or embedded anchors or removable mountings.

Specifications:
- **Height:** 35”
- **Base Diameter:** 9 1/2”
- **Weight:** 85 lbs (Bollard Only)
- **Material:** Steel Body, Ductile Iron Cap, Stainless Steel Bike Arms
- **Max. Interior Security Post Size:** 7 5/8” x 3 1/4” (Diameter x Height)

Finish Options:
- **Polyester Powdercoated**

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

Installation Options:
- **Fixed - Anchor Casting in New Concrete** (see sheet 2 of 12)
- **Fixed - Concrete Insert Anchor in Existing Concrete** (see sheet 3 of 12)
- **Fixed - Adhesive Anchor in Existing Concrete** (see sheet 4 of 12)
- **Fixed - Anchor Casting with Concrete Form** (see sheet 5 of 12)
- **Removable - New Post in New Concrete** (see sheet 6 of 12)
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- **Removable - Existing Post with Adhesive Anchor** (see sheet 8 of 12)
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- **Removable - Premium Retractable in New Concrete** (see sheet 12 of 12)

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

Care and Maintenance:
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4) Reliance Foundry reserves the right to amend design and specifications without prior notice for product improvement.

Specifications:
- **Recommended 12” Min. Depth**
- **35**
- **4**

Tools needed:
1) Measuring tape
2) 1 1/2” wrench
3) 3/16” hex key

Finish Options:
- **Polyester Powdercoated**

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

Installation Options:
- **Fixed - Anchor Casting in New Concrete** (see sheet 2 of 12)
- **Fixed - Concrete Insert Anchor in Existing Concrete** (see sheet 3 of 12)
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Care and Maintenance:
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**Tools needed:**
1) Measuring tape
2) 1 1/8” wrench
3) 3/16” hex key
4) Hammer drill
5) 1” Masonry drill bit
6) Hammer
7) Drop-in concrete insert setting tool
8) Fasten the padlock
9) Use hammer drill to make hole 1” dia. x 3 1/8” depth.
10) Turn bollard base clockwise to tighten it into position.
11) Insert drop-in anchor into hole 1” dia. x 3 1/8” depth.
12) Clean drill hole of debris.
13) Align and insert lock pin through 3/4” washer and 3/4” bolt.
14) Tighten removable mount with 3/4” washer and 3/4” bolt.
15) Align and insert lock pin through bollard base.

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<td>1</td>
<td>R7835C</td>
<td>R7835 Cap</td>
<td>Ductile Iron Powder Coated</td>
<td>9 lbs</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Drop-in Concrete Insert 3/4”</td>
<td>Drop-in Concrete Insert 3/4” - requires 1” x 3 1/8” hole (dia. x depth)</td>
<td>Steel Plated</td>
<td>1/2 lbs</td>
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<td>4</td>
<td>1</td>
<td>R7500RMH1”</td>
<td>R7500 Removable Mount 1”</td>
<td>Steel Hot Dip Galvanized</td>
<td>4 1/2 lbs</td>
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<td>Washer 3/4” OD 2”</td>
<td>Washer 3/4” OD 2” Thick 1/8”</td>
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<td>1/8 lbs</td>
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<td>Hex Bolt 3/4” x 1 1/4” - requires 1 1/8” wrench</td>
<td>Steel Plated</td>
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<td>7</td>
<td>3</td>
<td>Hexagon Socket Set Screw 3/8” x 3/8”</td>
<td>Hexagon Socket Set Screw 3/8” x 3/8” - requires 3/16” hex key</td>
<td>Stainless Steel</td>
<td>1/8 lbs</td>
</tr>
<tr>
<td>8</td>
<td>3</td>
<td>Polyethylene Plug 3/8”</td>
<td>Polyethylene Plug 3/8”</td>
<td>LDPE Black</td>
<td>1/8 lbs</td>
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<td>R7500 Lock Pin 3/4” x 10 3/4”</td>
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<td>Choice of Brass or Stainless Steel</td>
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**General Description:**
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**Specifications:**
- Height: 35”
- Base Diameter: 9 1/2”
- Weight: 85 lbs (Bollard Only)
- Material: Steel Body, Ductile Iron Cap, Stainless Steel Bike Arms
- Max. Interior Security Post Size: 7 5/8” x 31” (Diameter x Height)

**Finish Options:**
- Polyester Powdercoated
- See Reliance Foundry's standard color options at: www.reliance-foundry.com/bollard/colors-bollards
- For more information on bollard post installation, please visit: www.reliance-foundry.com/bollard/installation-bollards
- See Reliance Foundry’s maintenance guide at: www.reliance-foundry.com/bollard/maintenance-bollards
- For more information on bollard post installation, please visit: www.reliance-foundry.com/bollard/maintenance-bollards
-Care and Maintenance:
Reliance's line of bollards are finished with a long-lasting powder-coating. Proper care and maintenance are required. Regularly-performed inspections and routine cleaning will ensure a bollard retains its aesthetic appeal and does not become damaged by the elements.

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

**Tools needed:**
1) Measuring tape
2) 1 1/8” wrench
3) 3/16” hex key
4) Hammer drill
5) 1” Masonry drill bit
6) Hammer
7) Drop-in concrete insert setting tool
8) Fasten the padlock
9) Use hammer drill to make hole 1” dia. x 3 1/8” depth.
10) Turn bollard base clockwise to tighten it into position.
11) Insert drop-in anchor into hole 1” dia. x 3 1/8” depth.
12) Clean drill hole of debris.
13) Align and insert lock pin through 3/4” washer and 3/4” bolt.
14) Tighten removable mount with 3/4” washer and 3/4” bolt.
15) Align and insert lock pin through bollard base.

**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>R7835B</td>
<td>R7835 Base w/ Bike Arms</td>
<td>Steel Powder Coated</td>
<td>76 lbs</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>R7835C</td>
<td>R7835 Cap</td>
<td>Ductile Iron Powder Coated</td>
<td>9 lbs</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Drop-in Concrete Insert 3/4”</td>
<td>Drop-in Concrete Insert 3/4” - requires 1” x 3 1/8” hole (dia. x depth)</td>
<td>Steel Plated</td>
<td>1/2 lbs</td>
</tr>
<tr>
<td>4</td>
<td>1</td>
<td>R7500RMH1”</td>
<td>R7500 Removable Mount 1”</td>
<td>Steel Hot Dip Galvanized</td>
<td>4 1/2 lbs</td>
</tr>
<tr>
<td>5</td>
<td>1</td>
<td>Washer 3/4” OD 2”</td>
<td>Washer 3/4” OD 2” Thick 1/8”</td>
<td>Steel Plated</td>
<td>1/8 lbs</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
<td>Hex Bolt 3/4” x 1 1/4”</td>
<td>Hex Bolt 3/4” x 1 1/4” - requires 1 1/8” wrench</td>
<td>Steel Plated</td>
<td>1/4 lbs</td>
</tr>
<tr>
<td>7</td>
<td>3</td>
<td>Hexagon Socket Set Screw 3/8” x 3/8”</td>
<td>Hexagon Socket Set Screw 3/8” x 3/8” - requires 3/16” hex key</td>
<td>Stainless Steel</td>
<td>1/8 lbs</td>
</tr>
<tr>
<td>8</td>
<td>3</td>
<td>Polyethylene Plug 3/8”</td>
<td>Polyethylene Plug 3/8”</td>
<td>LDPE Black</td>
<td>1/8 lbs</td>
</tr>
<tr>
<td>9</td>
<td>1</td>
<td>R7500 Lock Pin 3/4” x 10 3/4”</td>
<td>R7500 Lock Pin 3/4” x 10 3/4”</td>
<td>Steel Powder Coated</td>
<td>1 1/2 lbs</td>
</tr>
<tr>
<td>10</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>
1) **Bollard post is provided as shown. Concrete, foundation and/or installation ordered separately or provided by others.**

2) **Minimum foundation sizes depend on local soil conditions, weather conditions, and engineering requirements.**

3) **Dimensions provided herein is for reference only. Please consult Reliance Foundry sales professionals if any dimension is critical to your particular installation.**

4) **Reliance Foundry reserves the right to amend design and specifications without prior notice for product improvement.**

### Notes:

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### Installation Options:

- Fixed - Anchor Casting in New Concrete (see sheet 2 of 12)
- Fixed - Concrete Insert Anchor in Existing Concrete (see sheet 3 of 12)
- Fixed - Adhesive Anchor in Existing Concrete (see sheet 4 of 12)
- Fixed - Anchor Casting with Concrete Form (see sheet 5 of 12)
- Post Cover - New Post in New Concrete (see sheet 6 of 12)
- Post Cover - New Post in Existing Concrete (see sheet 7 of 12)
- Post Cover - Existing Post with Adhesive Anchor (see sheet 8 of 12)
- Post Cover - Existing Post with Concrete Anchor (see sheet 9 of 12)
- Removable - Anchor Casting in New Concrete (see sheet 10 of 12)
- Removable - Concrete Insert Anchor in Existing Concrete (see sheet 11 of 12)
- Removable - Premium Retractable in New Concrete (see sheet 12 of 12)

### Care and Maintenance:

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

### Specifications:

- **Height:** 35”
- **Base Diameter:** 9 1/2”
- **Weight:** 85 lbs (Bollard Only)
- **Material:** Steel Body, Ductile Iron Cap, Stainless Steel Bike Arms
- **Max. Interior Security Post Size:** 7 5/8” x 31” (Diameter x Height)

### Finish Options:

- Polyester Powdercoated

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

### General Description:

The R-7835-B Bike Bollard offers premium decorative aesthetics with added functionality. 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-7835-B Bike bollards feature a decorative steel assembly, powder coated in 1 of 6 custom colors for exceptional durability and corrosion resistance. Reinforce bollards with embedded steel pipes or select from a range of mounting options: surface or embedded anchors or removable mountings.

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<td>9 lbs</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>R7500</td>
<td>R7500 Retractable Removable Mount</td>
<td>Steel Hot Dip Galvanized</td>
<td>15 1/8 lbs</td>
</tr>
<tr>
<td>4</td>
<td>3</td>
<td>Hexagon Socket Set Screw 3/8” x 3/8”</td>
<td></td>
<td>Stainless Steel</td>
<td></td>
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