General Description:
The R-7744-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-7744-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.

Specifications:
- Height: 44 1/2"
- Base Diameter: 12 5/8"
- Weight: 163 lbs (Bollard Only)
- Material: Steel Body, Ductile Iron Cap Stainless Steel Bike Arms
- Max. Interior Security Post Size: 9 3/4" x 40" (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 9)
- Fixed - Concrete Insert Anchor in Existing Concrete (see sheet 3 of 9)
- Fixed - Adhesive Anchor in Existing Concrete (see sheet 4 of 9)
- Fixed - Anchor Casting with Concrete Form (see sheet 5 of 9)
- Post Cover - New Post in New Concrete (see sheet 6 of 9)
- Post Cover - New Post in Existing Concrete (see sheet 7 of 9)
- Post Cover - Existing Post with Adhesive Anchor (see sheet 8 of 9)
- Post Cover - Existing Post with Concrete Anchor (see sheet 9 of 9)

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

Optional Accessories:
- Chain Eye
- Quick Link
- Chain (5/16")

See Reliance Foundry’s optional accessories at:
www.reliance-foundry.com/bollard/accessories-bollards

Installation Sample with 5/16" Chain Accessories

Bollard Chain Eye 3/8" (Powder Coated)
Quick Link Connector 5/16" (Powder Coated)
Bollard Chain 5/16" (Powder Coated)
**Bollard R-7744-B**

**General Description:**
The R-7744-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-7744-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.

**Specifications:**
- Height: 44 1/2"
- Base Diameter: 13 5/8"
- Weight: 163 lbs (Bollard Only)
- Material: Steel Body, Ductile Iron Cap
- Stainless Steel Bike Arms
- Max. Interior Security Post Size: 9 3/4" x 40" (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 9)
- Fixed - Concrete Insert Anchor in Existing Concrete (see sheet 3 of 9)
- Fixed - Adhesive Anchor in Existing Concrete (see sheet 4 of 9)
- Fixed - Anchor Casting with Concrete Form (see sheet 5 of 9)
- Post Cover - New Post in New Concrete (see sheet 6 of 9)
- Post Cover - New Post in Existing Concrete (see sheet 7 of 9)
- Post Cover - Existing Post with Adhesive Anchor (see sheet 8 of 9)
- Post Cover - Existing Post with Concrete Anchor (see sheet 9 of 9)

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

Unit 207, 6450 - 148 Street, Surrey, BC V3S 7G7, Canada
1-877-789-3245 info@reliance-foundry.com
www.reliance-foundry.com

**PARTS LIST**

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**NOT TO SCALE**

 COPYRIGHT RESERVED  THIS PLAN DRAWING AND DESIGN ARE, AND AT ALL TIMES REMAIN, THE EXCLUSIVE PROPERTY OF RELIANCE FOUNDRY CO. LTD.
Bollard R-7744-B

General Description:
The R-7744-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-7744-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.

Specifications:
- Height: 44 1/2"
- Base Diameter: 12 5/8"
- Weight: 163 lbs (Bollard Only)
- Material: Steel Body, Ductile Iron Cap
- Stainless Steel Bike Arms
- Max. Interior Security Post Size: 9 3/4" x 40" (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 9)
- Fixed - Concrete Insert Anchor in Existing Concrete (see sheet 3 of 9)
- Fixed - Adhesive Anchor in Existing Concrete (see sheet 4 of 9)
- Fixed - Anchor Casting with Concrete Form (see sheet 5 of 9)
- Post Cover - New Post in New Concrete (see sheet 6 of 9)
- Post Cover - New Post in Existing Concrete (see sheet 7 of 9)
- Post Cover - Existing Post with Adhesive Anchor (see sheet 8 of 9)
- Post Cover - Existing Post with Concrete Anchor (see sheet 9 of 9)

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

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

The R-7744-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-7744-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.

**SPECIFICATIONS:**

- **Height:** 44 1/2"
- **Base Diameter:** 12 5/8"
- **Weight:** 163 lbs (Bollard Only)
- **Material:** Steel Body, Ductile Iron Cap, Stainless Steel Bike Arms
- **Max. Interior Security Post Size:** 9 3/4" x 40" (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 9)
- Fixed - Concrete Insert Anchor in Existing Concrete (see sheet 3 of 9)
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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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<td>R7744 Cap</td>
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<tr>
<td>5</td>
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<td>Washer 1&quot; OD 2&quot;</td>
<td>Washer 1&quot; OD 2&quot; Thick 1/8&quot;</td>
<td>Steel Plate</td>
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</tr>
<tr>
<td>6</td>
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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 1/2" wrench
3) 3/16" hex key
4) Hammer drill
5) 1 1/8" Masonry drill bit
6) Caulking gun and utility knife

---

**INSTALLATION GUIDE:**

1) Use hammer drill to make hole 1 1/8" dia. x 4" depth.
2) Clean drill hole of debris.
3) Caulk adhesive into hole from bottom up and fill 1/4 full.
4) Push threaded bar into adhesive and turn to ensure bonding.
5) Ensure bar is perpendicular and extend no more than 43" above grade.
6) Wait at least 45 minutes for adhesive to set.
7) Secure bollard base with 1" washer and 1" nut.
8) Secure bollard cap with 3/8" set screws and cover set screws with plastic plugs.

---

**DIAGRAM**

[Diagram of Bollard R-7744-B]

---

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### General Description:

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### Specifications:

- **Height:** 44 1/2"
- **Base Diameter:** 12 5/8"
- **Weight:** 163 lbs (Bollard Only)
- **Material:** Steel Body, Ductile Iron Cap
- **Stainless Steel Bike Arms**
- **Max. Interior Security Post Size:** 9 3/4" x 40" (Diameter x Height)

### Finish Options:

- **Polyester Powder coated**

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**
- **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**
- **Post Cover - Existing Post with Concrete Anchor**

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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### Notes:

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3. 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

### Care and Maintenance:

Regularly-performed inspections and routine cleaning will ensure that a bollard retains its aesthetic appeal and does not become damaged by the elements.
### General Description:
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- **Max. Interior Security Post Size:** 9 3/4” x 40” (Dia. x Height)

### Finish Options:
- **Polyester Powdercoated**

### Installation Options:
- **Fixed - Anchor Casting in New Concrete**  
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- **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**  
- **Post Cover - Existing Post with Concrete Anchor**

### 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.

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---

### Diagram

- **Bollard R-7744-B**
- **Max. Bar Height:** 43  
- **Max. interior post 9 3/4” x 40” (dia. x height) Filled with concrete**
- **New Concrete Grade**
- **Tools needed:**  
  1) Measuring tape  
  2) 1 1/2" wrench  
  3) 3/16" hex key  
- **Tools for installation:**  
  1) Use 1 piece of 1” nut on bar as anchor in wet concrete.  
  2) Ensure the bar is centered and extend no more than 43” above grade.  
  3) Wait until concrete is cured.  
- **Tools for security:**  
  4) Secure bollard cap with 1” washer and 1” nut.
  5) Secure bollard base with 1” washer and 1” nut.

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

### Care and Maintenance Guide:
See Reliance Foundry’s maintenance guide at:  
www.reliance-foundry.com/bollard/maintenance-bollards

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### Contact Information:
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<tr>
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<td>R7744B</td>
<td>R7744 Base w/ Bike Arms</td>
<td>Steel Powder Coated</td>
<td>151 lbs</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>R7744C</td>
<td>R7744 Cap</td>
<td>Ductile Iron Powder Coated</td>
<td>12 lbs</td>
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<tr>
<td>3</td>
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<td>R7508BAR 1&quot;</td>
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<td>8 1/8 lbs</td>
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<tr>
<td>4</td>
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<td>Washer 1&quot; OD 2&quot;</td>
<td>Washer 1&quot; OD 2&quot; Thick 1/8&quot;</td>
<td>Steel Plated</td>
<td>1/8 lbs</td>
</tr>
<tr>
<td>5</td>
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<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>
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<tr>
<td>6</td>
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<td>Stainless Steel</td>
<td></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>
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**General Description:**

The R-7744-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-7744-B Bike bollards feature a decorative steel assembly, powder coated in 1 of 6 custom colors for exceptional durability and corrosion resistance.

**Specifications:**

- **Height:** 44 1/2"
- **Base Diameter:** 12 5/8"
- **Weight:** 163 lbs (Bollard Only)
- **Material:** Steel Body, Ductile Iron Cap
- **Stainless Steel Bike Arms**

**Max. Interior Security Post Size:**

9 3/4" x 40" (Dia. 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 9)
- Fixed - Concrete Insert Anchor in Existing Concrete (see sheet 3 of 9)
- Fixed - Adhesive Anchor in Existing Concrete (see sheet 4 of 9)
- Fixed - Anchor Casting with Concrete Form (see sheet 5 of 9)
- Post Cover - New Post in New Concrete (see sheet 6 of 9)
- Post Cover - New Post in Existing Concrete (see sheet 7 of 9)
- Post Cover - Existing Post with Adhesive Anchor (see sheet 8 of 9)
- Post Cover - Existing Post with Concrete Anchor (see sheet 9 of 9)

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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**Tools needed:**

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

**Notes:**

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---

**Title:** Bollard R-7744-B

**Unit 207, 6450 - 146 Street, Surrey, BC V3S 7G7, Canada**

1-877-789-3245    info@reliance-foundry.com

[www.reliance-foundry.com](http://www.reliance-foundry.com)
Bollard R-7744-B

General Description:
The R-7744-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-7744-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.

Specifications:
- Height: 44 1/2"
- Base Diameter: 12 5/8"
- Weight: 163 lbs (Bollard Only)
- Material: Steel Body, Ductile Iron Cap, Stainless Steel Bike Arms
- Max. Interior Security Post Size: 9 3/4" x 40" (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
- 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
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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

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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<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>R7744B</td>
<td>R7744 w/ Bike Arms</td>
<td>Steel Powder Coated</td>
<td>151 lbs</td>
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<td>R7744C</td>
<td>R7744 Cap</td>
<td>Ductile Iron Powder Coated</td>
<td>12 lbs</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>Adhesive Anchor</td>
<td>AC100+ Gold Adhesive Anchoring System</td>
<td>Vinylester Adhesive Mortar</td>
<td>5/8 lbs</td>
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<tr>
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<td>R7500BAR 1&quot;</td>
<td>R7500 Threaded Bar 1&quot; Custom Order Length</td>
<td>Steel Plate</td>
<td>180 lbs</td>
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<tr>
<td>5</td>
<td>1</td>
<td>Washer 1&quot; OD 2&quot;</td>
<td>Washer 1&quot; OD 2&quot; Thick 1/8&quot;</td>
<td>Steel Plate</td>
<td>1/2 lbs</td>
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<tr>
<td>6</td>
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<td>Hex Nut 1&quot;</td>
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Max. interior post 9 3/4" x 40" (dia. x height) Filled with concrete

Max. Bar Height 44 1/2"

Notes:
1) Use hammer drill to make hole 1 1/8" dia. x 4" deep.
2) Clean drill hole of debris.
3) Caulk adhesive into hole from bottom up and fill 1/4 full.
4) Push threaded bar into adhesive and turn to ensure bonding.
5) Ensure bar is perpendicular and extend no more than 43" above grade.
6) Wait at least 45 minutes for adhesive to set.

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

Max. interior post 9 3/4" x 40" (dia. x height) Filled with concrete

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Tools needed:
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Tools needed:
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