Riser Ring Catalog
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Steel and Cast Iron Riser Rings

Adjust any manhole or catch basin to grade on your resurfacing projects with steel or cast iron riser rings from EJ.

- Solid or adjustable styles
- Steel and cast iron risers available to fit all your grade adjustments
- Load tested to ensure dependable strength and long lasting durability
- Large inventory ready for delivery nationwide
- Made to order sizes for custom application
- Slope risers available
- DOT approved in many states

Avoid unnecessary project costs by eliminating extra labor, equipment and materials. There is no need to tear out new paving, brick and mortar to grade, then re-patch the street. In addition, there are no traffic disruptions—when the street is paved the job is done and the manhole cover is finished to grade.

Risers are manufactured and assembled in the USA from domestic A-36 steel or ASTM 48/Class 35B gray iron.

Adjustable Risers—The steel adjustable risers include a stainless steel adjustable stud with positive lock that adjusts the diameter + or - 3/8". The risers include allen head set screws that lock the riser to the manhole frame.*

*For proper torque, use a socket wrench with a hex driver bit when securing allen head screws to frame.
Steel Riser Ring Shapes, Sizes, and Styles

STEEL MANHOLE RISERS

**TYPE M1 SOLID:**
Rise ≥ lid thickness + 1/4"

**TYPE M2 ADJUSTABLE:**
Rise ≥ lid thickness + 1/4"

**TYPE M5 ADJUSTABLE:**
Rise ≤ lid thickness

**TYPE M7 SOLID:**
Rise ≤ lid thickness

3-Sided Curb Inlet Riser

LID PULLER

Sloped riser available

STEEL CATCH BASIN RISERS

3-Sided Curb Inlet Riser

**TYPE D1 SOLID**
Rise ≥ lid thickness + 1/4”

4-Sided Catch Basin Riser

**TYPE D7 SOLID**
Rise ≤ lid thickness

Lid Puller available in 24”, 30” and 36” lengths.
Manhole Riser

All steel risers come drilled and tapped with allen head screws installed.*

Round Steel Riser Ring Table

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Note: All dimensions are in inches.

*For proper torque, use a socket wrench with a hex driver bit when securing allen head screws to frame.

We have many more sizes and types of risers available.

Order a custom steel riser for your project using a copy of the worksheet on page 7.

Send the worksheet to your nearest EJ branch location or local EJ distributor.
## Cast Iron Riser Ring Shapes, Sizes, and Styles

### Round Cast Iron Riser Ring Table

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Note: All dimensions are in inches.
How to Order Steel Risers Not Found In Table

If EJ frame is used specify the following:
1. Specify EJ catalog number of frame to be raised
2. Rise required in 1/4" increments starting at 3/4": Dim. X
3. Type — Solid or Adjustable

If the frame origin is unknown specify the following:
1. Top diameter or length and width of existing cover or grate — Dim. A
2. Bottom diameter or length and width of existing cover or grate — Dim. AA
3. Thickness of cover or grate — Dim. B
4. Rise required in 1/4" increments starting at 3/4": Dim. X
5. Type — Solid or Adjustable

Specify location where riser will be installed if individual labeling is required.

**EJ RISER WORKSHEET**

<table>
<thead>
<tr>
<th>EJ Cat. No.</th>
<th>A</th>
<th>AA</th>
<th>B</th>
<th>C*</th>
<th>X</th>
<th>Riser Type</th>
<th>Catch Basin 3 or 4-Sided</th>
<th>Location Identification</th>
<th>Qty.</th>
</tr>
</thead>
</table>

*For bearing dimension, measure from counterweight to edge of lid. Record dimension on worksheet if 3/4" or less. Bearing dimension measurements apply to manhole and valve box riser applications (not for catch basin).*