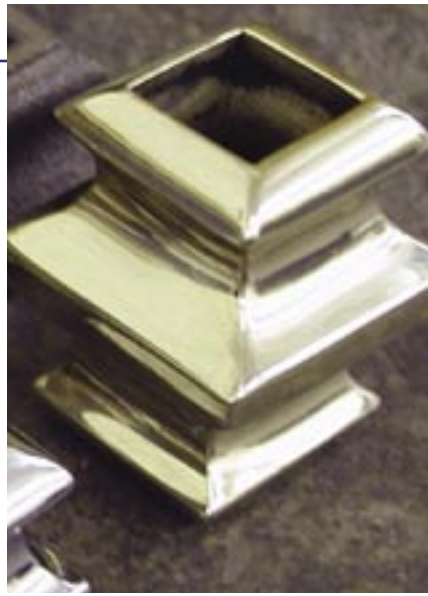




At Custom Iron, we constantly strive to add value to our stairs and stair railing products. Our selection of options gives our customers installation tools, design features, and time-saving benefits.

Look at our bases. For use with round or square balusters, Custom Iron base options conceal the baluster insertion area and add ornamentation. For ease of installation, we



## CUSTOM IRON OPTIONS

offer all of our bases with an option for set screws. Bases are available in level and incline (standard incline of 37 degrees). Give us your rise and run and we will calculate and fabricate the incline angle that you need with no additional charge.

If you want to fit a square peg (any size of square bar baluster) into a round hole (½ to 1 inch deep), try Custom Iron's baluster pin-topping option. Choose a baluster side mount attachment option for a rustic and elegant look. Thinking about a filler scroll or a starting scroll? You will find them here. If you need installation tools for epoxy or riveting, we have them. Or, change the basics with a selection of surface embossing.

We aren't just Custom Iron; we are custom options and custom value, too.



**Custom Iron options include our value added services, bases, pin top or bottom, custom lengths, collars, and other choices to make your design unique.**

# BASES

Bases are popular for their added ornamentation to a metal railing system. And, they generously hide the holes drilled for the baluster installation. Custom Iron stocks cast bases in both brass and iron. Some balusters with embossed surfaces, such as hammered edges, require bases with a slightly larger insertion hole. Please specify the type of baluster to be used with the bases you are ordering.



**OB204**  
Hole: 1/2" square  
Width: 1 1/4"  
Height: 1 5/16"  
Material: Brass



**OB205**  
Hole: 5/8" square  
Width: 1 1/4"  
Height: 1 5/16"  
Material: Brass



**OB206**  
Hole: 3/4" square  
Width: 1 3/8"  
Height: 1 5/16"  
Material: Brass



**OB208**  
Hole: 1" square  
Width: 1 3/4"  
Height: 1 1/16"  
Material: Brass



**OB214**  
Hole: 1/2" square  
Width: 1 1/4"  
Inclined  
Material: Brass



**OB215**  
Hole: 5/8" square  
Width: 1 1/4"  
Inclined  
Material: Brass



**OB224**  
Hole: 1/2" round  
Width: 1 1/4"  
Height: 1"  
Material: Brass



**OB225**  
Hole: 5/8" round  
Width: 1 3/8"  
Height: 1 1/8"  
Material: Brass



**OB226**  
Hole: 3/4" round  
Width: 2 1/2"  
Height: 1 3/8"  
Material: Brass



Use brass bases to match balusters that have other brass accents (such as baskets, collars, or bands). Use with painted steel balusters to add a simple accent to the stair railing.

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**OB228**  
Hole: 1" round  
Width: 2½"  
Height: 1⅝"  
Material: Brass



**OB234**  
Hole: ½" round  
Width: 1¼"  
Inclined  
Material: Brass



**OB235**  
Hole: ⅝" round  
Width: 1⅞"  
Inclined  
Material: Brass

Brass bases with ½" or ⅝" holes (either round or square) are available at a standard incline of 37 degrees. We will incline to your specifications upon request.

## HORIZONTAL SET SCREW

Used to lock the base in position, the set screw option is available with the following part numbers:

- OB204-S**
- OB205-S**
- OB206-S**
- OB208-S**
- OB224-S**
- OB225-S**
- OB226-S**
- OB228-S**



**OB224-S**



**OB204-S**

## INCLINED SET SCREW

The set screw option is also available in inclined bases with the following part numbers:

- OB214-S**
- OB215-S**
- OB234-S**
- OB235-S**



**OB214-S**



**OB234-S**



All brass bases on these pages are available with set screws for easy installation.

# BASES

Cast iron bases can be painted to match your balusters, or they can be painted in a contrasting accent color. Bases can be used at both the top and bottom of the baluster or at one end only.



**OB104**  
Hole: 1/2" square  
Width: 1 1/4"  
Height: 1 1/8"  
Material: Iron



**OB105**  
Hole: 5/8" square  
Width: 1 1/4"  
Height: 1 1/8"  
Material: Iron



**OB106**  
Hole: 3/4" square  
Width: 1 1/8"  
Height: 1 1/8"  
Material: Iron



**OB108**  
Hole: 1" square  
Width: 1 3/4"  
Height: 1 1/8"  
Material: Iron



**OB114**  
Hole: 1/2" square  
Width: 1 1/4"  
Inclined  
Material: Iron



**OB115**  
Hole: 5/8" square  
Width: 1 1/4"  
Inclined  
Material: Iron



**OB116**  
Hole: 3/4" square  
Width: 1 3/8"  
Inclined  
Material: Iron



**OB118**  
Hole: 1" square  
Width: 1 3/4"  
Inclined  
Material: Iron



**OB124**  
Hole: 1/2" round  
Width: 1 1/4"  
Height: 1"  
Material: Iron



All Custom Iron incline bases can be customized to your angle of incline. Unless specified otherwise, the standard incline for bases is 37 degrees.



# BASES

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**OB125**  
Hole: 5/8" round  
Width: 1 3/8"  
Height: 1 1/8"  
Material: Iron



**OB128**  
Hole: 1" round  
Width: 2 1/2"  
Height: 1 3/8"  
Material: Iron



**OB134**  
Hole: 1/2" round  
Width: 1 1/4"  
Inclined  
Material: Iron

Bases are sized, inclined, polished, and painted to your order's specifications. Bases are available for use with round or square balusters in diameters or widths from 1/2" to 1".



**OB135**  
Hole: 5/8" round  
Width: 1 3/8"  
Inclined  
Material: Iron



**OB104-S**



**OB124-S**

## HORIZONTAL SET SCREW

Used to lock the base in position, the set screw option is available with the following part numbers:

- OB104-S**
- OB105-S**
- OB106-S**
- OB108-S**
- OB124-S**
- OB125-S**
- OB128-S**

## INCLINED SET SCREW

The set screw option is also available in inclined bases with the following part numbers:

- OB114-S**
- OB115-S**
- OB116-S**
- OB118-S**
- OB134-S**
- OB135-S**



**OB114-S**



**OB134-S**



All cast iron bases on these pages are available with set screws for easy installation.

# OPTIONS

## Adhesive System

Custom Iron offers adhesive system tools and epoxy for use in installation of panels and balusters. The epoxy resin and hardener remain completely stable and separated in their cartridges until injected through the nozzle during installation. Approximately 40 balusters can be installed at top and bottom per epoxy cartridge.

## Rivet Vise – RV-10

The rivet vise is available for rent or purchase for use when installing Top Bar panels with embossed metal handrails. Top Bar panels with metal handrails are shipped with the rivets and a drill bit necessary for the panel installation. The rivet vise we offer works with the rivets supplied. *For more information about the easy installation of Top Bar panels, see the Panels tab.*

## Pin Top

Custom Iron calls this baluster option "Pin Top," but round pins can be added to either the top or the bottom of square baluster or newel ends. Due to job site tolerances and conditions, we recommend that a pin be added to only one end of the baluster. Pins can be added to  $\frac{1}{2}$ ,  $\frac{3}{8}$ ,  $\frac{3}{4}$ ,  $\frac{5}{8}$  or 1" square balusters in pin lengths of  $\frac{1}{2}$  to 1" (you specify the length appropriate for your installation). Fit a square peg in a round hole with Custom Iron's Pin Top option.

## ADHESIVE SYSTEM

### Fast dry system

5 minutes work time

Injection tool – WDE101

18 oz. Epoxy cartridge – WDE6

Mixing nozzle – WDE24



### Slow dry system

30-40 minutes work time

Injection tool – WDE103

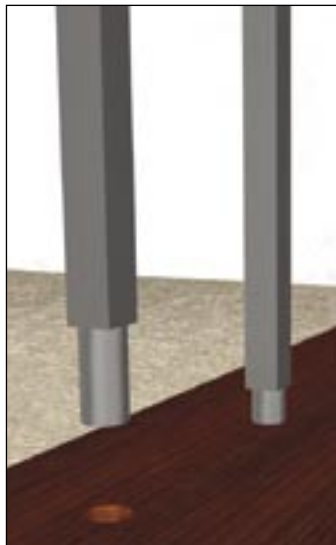
18 oz. Epoxy cartridge – WDG5

Mixing nozzle – WDE55

## RIVET VISE



RV-10



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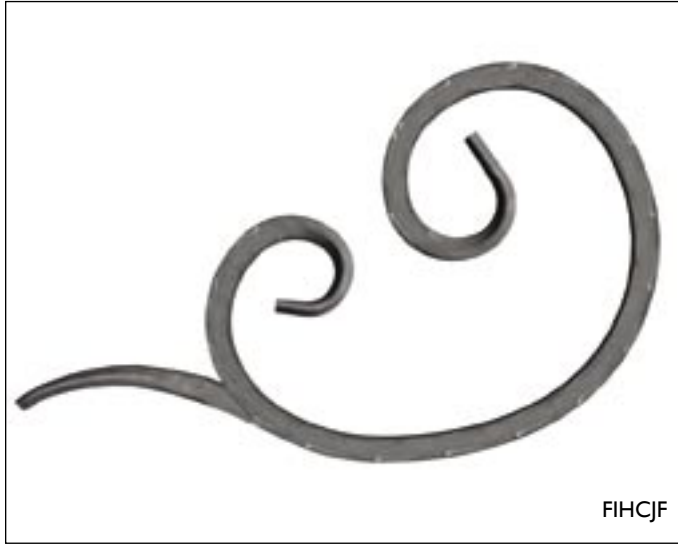
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FIHCJF



20001



10001



20102



20101

## Filler Scrolls

Filler scrolls are a simple decorative addition to a stair railing system. They can be used to enhance a metal balustrade, while filling in gaps between the stair tread and the railing. Filler scrolls are attached with screws into the tread and riser of the stairway.

## Starting Scrolls

Starting scrolls are a decorative introduction to a stairway with metal balusters. Starting scrolls can function as a starting newel, or act as a transition from the landing tread to the balustrade.

## Side Mounts

Side mounted balusters provide an easily installed stair railing alternative that creates immediate visual impact. Side mounts are decorative attachment brackets welded to the set of tread balusters. They are attached with screws through the brackets to the outside of the stair stringer. The stair treads are not drilled for baluster installation, leaving a clean and open walkway upon the stair. Most individual Custom Iron balusters can be fabricated for a side mount set or for side mount attachment of the individual balusters. Please inquire.

# OPTIONS

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## Embossed treatments

Custom Iron offers embossed surface textures for most sizes of square bar, rectangular bar, square tubing, and round bar. Examples of the different embossing options are shown on this page. These textures are used in many of our panels and balusters. Most are also available in 20' lengths.

## Square or rectangular bar

### Hammered (HA)

– 4 edges of the bar are hammered.

*Chiseled (CH)* – Chisel lines on 4 sides of the bar. *Quantity of lines depends on bar size.*

*Hammered & Chiseled (HC)* – Square bar has 4 edges hammered and 2 opposite sides chiseled. Rectangular bar has 4 edges hammered and chiseled sides vary.

*Face Hammered (FH)* – 4 faces/sides of bar and not edges are hammered.

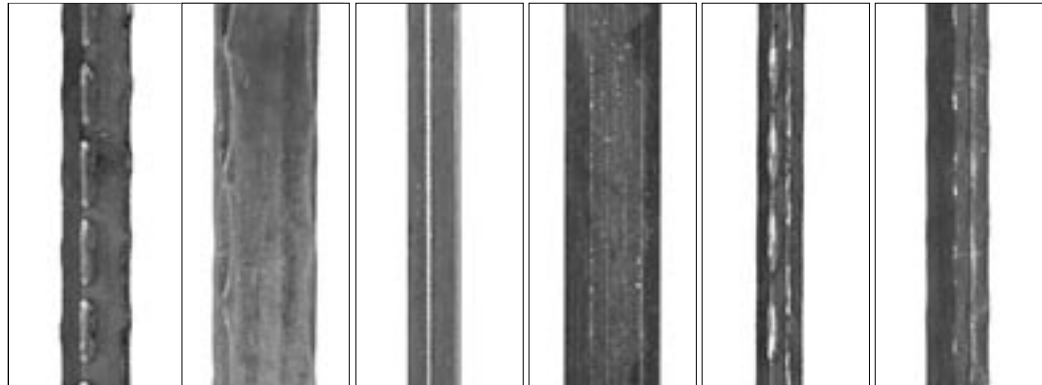
*Triple hammered (TH)* – 4 faces/sides hammered and edges are hammered.

*Power Hammered (PH)* – Any combination of faces and edges can be power hammered.

## Round bar or square tubing

*Round Hammered (RHA)* – Entire surface of round bar is hammered with a die.

*Hammered Tube (HT)* – 4 edges of tube are hammered.



66HA

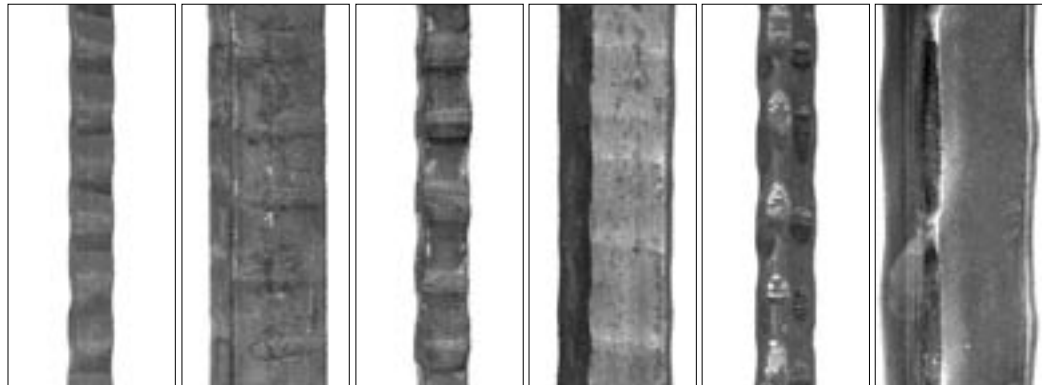
84HA

44CH

88CH

44HC

48HC



44FH

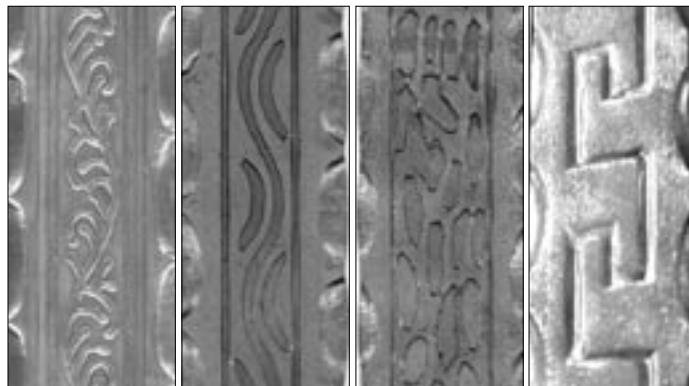
88FH

44TH

88PH

4RHA

88HT



Floral

Waves

Fossil

Aztec

## Embossed handrail material

Flat material can be embossed in decorative repeat patterns using dies for that effect. Embossed flat handrail material is shown on several of our spiral stair models, and it is often used for the handrail that attaches to our Top Bar panels. Embossed handrail material is available in steel, brass, aluminum, and copper in lengths up to 20'.