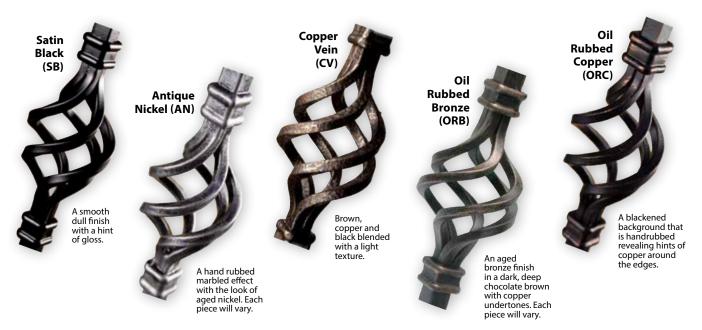
### POWDER COATED WROUGHT IRON ELEMENTS

Reviving the Splendor of Wrought Iron

For Use With Our Wood Railings & Accessories see pgs. W-9~12





Create Looks of Distinction Using our Powder Coated Iron

### Classic Collection

### 1/2" X 44" H SQUARE PLAIN BAR TWIST BALUSTERS



Shown: PCB-239-SB PCB-240-SB PCB-251-SB

Combination Orders: Receive a 10% discount on combined orders of our STOCKED powder coated iron and Oak Hand Rails, Fitting or Newels on orders totaling \$250.00 or more.

#### **Stocked Finishes:** Immediate Shipping





Satin Black (\*SB)

Copper Vein (\*CV)



Oil Rubbed Bronze (\*ORB)

#### **Non-Stocked Finishes:** Ships within 3-5 business days





Antique Nickel (\*AN)

Oil Rubbed Copper (\*ORC)

Powder Coated Color Samples Available Please Specify Color Choice

Add color code to the end of each part number when ordering (ex: PCNP-108-SB)

### **POWDER COATED SHOES**



PCSH-305-\*
1/2" Square Opening
(with Set Screw)
50 per box
Wt. .05 lbs. per pc.



PCSH-306-\*
1/2" Square Opening
(Pitch Shoe with Set Screw)
50 per box
Wt. .10 lbs. per pc.

### Classic Collection

### 1/2" X 44" H SQUARE PLAIN BAR BALUSTERS



PCB-258-10 per box

Wt. 4 lbs.

per piece



Combination Orders: Receive a 10% discount on combined orders of our STOCKED powder coated iron and Oak Hand Rails, Fitting or Newels on orders totaling \$250.00 or more.

#### **Stocked Finishes:** Immediate Shipping





Satin Black (\*SB)

Oil Rubbed Bronze (\*ORB)

### **Non-Stocked Finishes:**Ships within 3-5 business days





Antique Nickel

Oil Rubbed Copper (\*ORC)

Add color code to the end of each part number when ordering (ex: PCNP-111-SB)

#### **POWDER COATED SHOES**



PCSH-305-\*
1/2" Square Opening
(with Set Screw)
50 per box
Wt. .05 lbs. per pc.



PCSH-306-\*
1/2" Square Opening
(Pitch Shoe with Set Screw)
50 per box
Wt. .10 lbs. per pc.

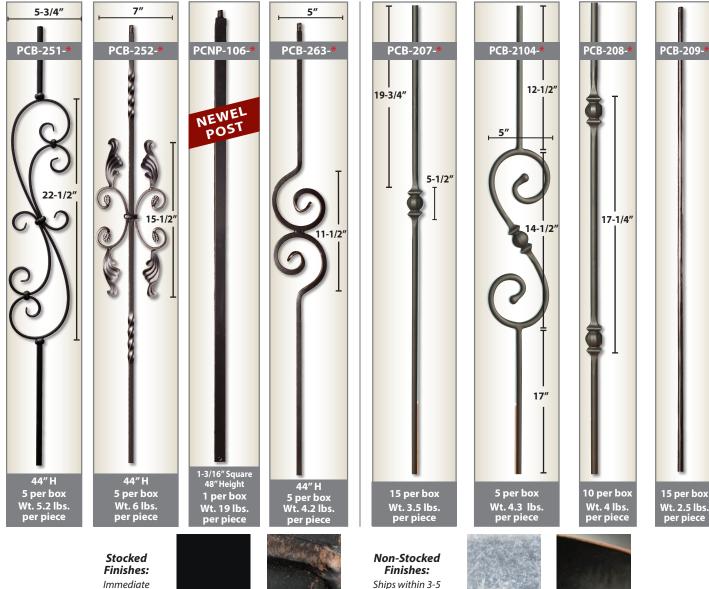
When less than carton quantities are purchased, a broken box charge will be applied.

Powder Coated Color Samples Available Please Specify Color Choice

# Classic Collection 9/16" X 44" H ROUND

### 1/2" SQUARE **PLAIN BAR BALUSTERS**

### HAND FORGED BALUSTERS



Shipping



**Satin Black** 



Oil Rubbed Bronze (\*ORB)

Ships within 3-5 business days



**Antique Nickel** 



Oil Rubbed Copper (\*ORC)

### **SQUARE POWDER COATED SHOES**



PCSH-305-1/2" Square Opening (with Set Screw) 50 per box Wt. .05 lbs. per pc. PCSH-306-\*



1/2" Square Opening (Pitch Shoe with Set Screw) 50 per box <u>Wt. .</u>10 lbs. per pc.

**Powder Coated Color** Samples Available Please Specify Color Choice

When less than carton quantities are purchased, a \$5.00 broken box charge will be applied.

Combination Orders: Receive a 10% discount on combined orders of our STOCKED powder coated iron and Oak Hand Rails, Fitting or Newels on orders totaling \$250.00 or more.

> Add color code to the end of each part number when ordering (ex: PCB-251-SB)

### **COATED SHOES**



PCSH-302-\* 9/16" Rd. Opening 50 per box Wt. .05 lbs. per pc.

**ROUND POWDER** 

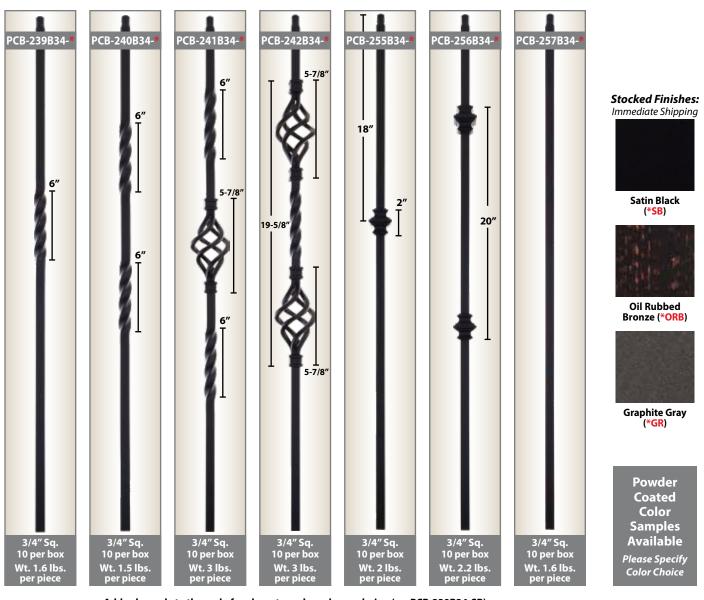


PCSH-303-\* 9/16" Rd. Opening (Pitch Shoe with Set Screw) 50 per box

### **Bold Collection**



### 3/4" X 44" H SQUARE TUBE BALUSTERS



Add color code to the end of each part number when ordering (ex: PCB-239B34-SB)

Combination Orders: Receive a 10% discount on combined orders of our STOCKED Combination Uraers: Receive a 1070 unscount on Combination (Combination and Oak Hand Rails, Fitting or Newels on orders totaling \$250.00 or more.

#### **POWDER COATED SHOES**

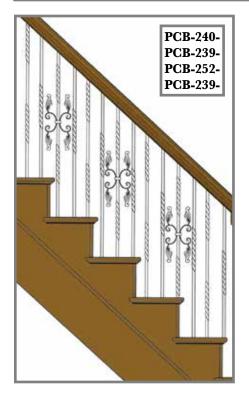




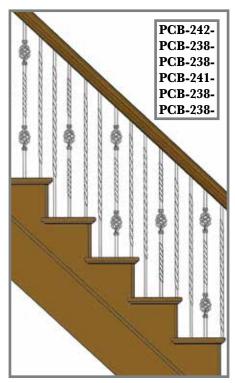


PCSH-314-\* 3/4" Square Opening (Pitch Shoe with Set Screw) 50 per box Wt. .10 lbs. per pc.

# Powder Coated Wrought Iron Balusters & Fittings



### PATTERN IDEAS







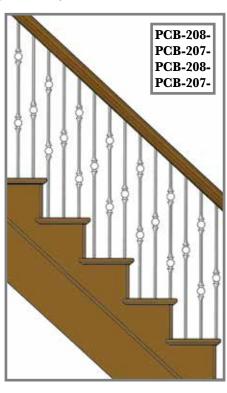


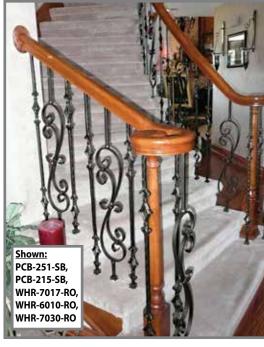
Please consider how your design repeat will layout in a straight run if applicable.

# Powder Coated Wrought Iron Balusters & Fittings

### PATTERN IDEAS

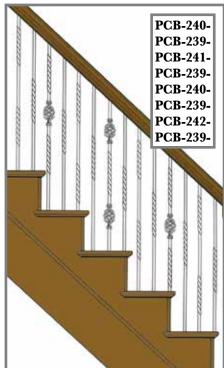


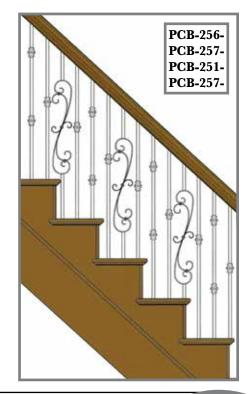




Please consider how your design repeat will layout in a straight run if applicable.







### Traditional Hand Rail & Fittings Stocked In Unfinished Red Oak



reaching various levels in the home, they provide the opportunity to create a striking architectural focal point. Whether new construction or a remodel, consider

focal point. Whether new construction or a remodel, consider form and not just function. With our selection of powder coated iron balusters, traditional oak hand rails, fittings & newels, create a stairway with style and character.



### **Other Species Available**



All fittings include connective hardware #RBK-WOOD kit

Walnut

Minimums & lead times may apply. Please call our sales department to submit a request for quotation.

### Traditional Hand Rail & Fittings Stocked In Unfinished Red Oak













# Combination Orders: Receive a 10% discount on combined orders of our STOCKED powder coated iron and Oak Hand Rails, Fittings or Newels on orders totaling \$250.00 or more.

Minimums & lead times may apply. Please call our sales department to submit a request for quotation.







### Traditional Hand Rail & Fittings Stocked In Unfinished Red Oak

















### **Combination Orders:**

Receive a 10% discount on combined orders of our STOCKED powder coated iron and Oak Hand Rails, Fittings or Newels on orders totaling \$250.00 or more.

Minimums & lead times may apply. Please call our sales department to submit a request for quotation.



### Additional Rail Bolt Kits

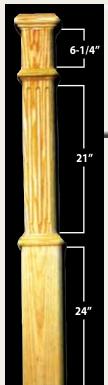
Used to join fittings to wood railing.

Includes: 5/16" x 3-1/2" bolt, flange nut, curved washer & oak plug.

**RBK-WOOD** 

### For Use With Our Oak Hand Rail And Fittings

### **BOX NEWEL**



# WNP-110-RO RED OAK FLUTED BOX NEWEL 6-1/4" x 6-1/4" 56"

### **TURNED NEWEL**



WNP-104-RO RED OAK 3-1/2" x 3-1/2" 56"



### **PIN TOP SUPPORT NEWEL**







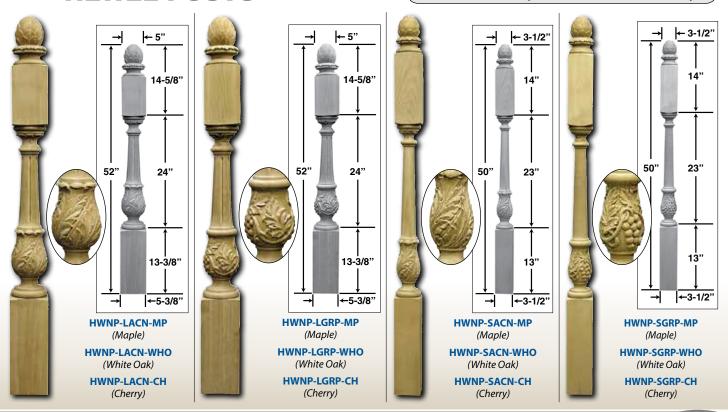


**<u>Combination Orders:</u>** Receive a 10% discount on <u>combined orders</u> of our <u>STOCKED</u> powder coated iron and Oak Hand Rails, Fittings or Newels on orders totaling \$250.00 or more

#### **BALUSTERS Available in Maple, White Oak and Cherry** ←2-3/4" **←1-3/4**" -2-3/4" **←** 1-3/4" 7-1/2" 7-1/2" 7-1/2" 7-1/2" 38" 38" 23" 23" 38" 23" 38" 23" 7-1/2" 7-1/2" 7-1/2" 7-1/2" ←2-3/8" **←3-1/2**" **←3-1/2**" **←2-3/8**" **HWBAL-LACN-MP HWBAL-LGRP-MP HWBAL-SACN-MP HWBAL-SGRP-MP** (Maple) (Maple) (Maple) (Maple) **HWBAL-LACN-WHO HWBAL-LGRP-WHO HWBAL-SACN-WHO HWBAL-SGRP-WHO** (White Oak) (White Oak) (White Oak) (White Oak) **HWBAL-LGRP-CH HWBAL-SGRP-CH HWBAL-LACN-CH HWBAL-SACN-CH** (Cherry) (Cherry) (Cherry) (Cherry)

### **NEWEL POSTS**

### Available in Maple, White Oak and Cherry



### 9/16" X 44" H ROUND SMOOTH BALUSTERS





# **Non-Stocked Finishes:** Ships within 3-5





Satin Black

Add color code to the end of each part number when ordering (ex: PCNP-100-SB)

### **POWDER COATED SHOES**



PCSH-302-\*-D 9/16" Rd. Opening 50 per box Wt. .05 lbs. per pc.



PCSH-303-\*-D 9/16" Rd. Opening (Pitch Shoe with Set Screw) 50 per box Wt..10 lbs. per pc.

Powder Coated Color Samples Available Please Specify Color Choice

### 1/2" X 44" H SOUARE PLAIN **BAR BALUSTERS**

### 9/16" X 44" H SQUARE HAMMERED **FLEUR DE LIS DESIGN BALUSTERS**

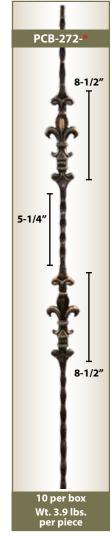












Add color code to the end of each part number when ordering (ex: PCB-260-SB)

Non-Stocked Finishes: Ships within 3-5 business days



Satin Black (\*SB)



Oil Rubbed Bronze (\*ORB)



Vintage Brass

**Powder Coated Color** Samples Available **Please Specify Color Choice** 

When less than carton quantities are purchased, a broken box charge will be applied.

PCSH-301-/2" Square Opening 50 per box Wt. .05 lbs.

per pc. For 1/2" Only



per pc.



PCSH-306-\*-D 1/2" Square Opening (Pitch Shoe with Set Screw) 50 per box Wt. .10 lbs.



For 9/16" Only



9/16" Square Opening (Shoe with Set Screw) 50 per box Wt. .05 lbs.



**POWDER COATED SHOES** 

PCSH-401-9/16" Square Opening (Pitch Shoe with Set Screw) 50 per box Wt. .10 lbs.

### 9/16" X 44" H SQUARE HEAVY HAMMERED BALUSTERS











**Non-Stocked Finishes:** Ships within 3-5 business days



Satin Black (\*SB)



Oil Rubbed Copper (\*ORC)



Oil Rubbed Bronze (\*ORB)

Powder Coated Color Samples Available Please Specify Color Choice

Add color code to the end of each part number when ordering (ex: PCNP-110-SB)





PCSH-307-9/16" Square Opening (Shoe with Set Screw) 50 per box Wt. .05 lbs. per pc.



**POWDER COATED SHOES** 

PCSH-310-\*
9/16" Square
Opening
50 per box
Wt. .05 lbs. per pc.

#### 9/16" X 44" H SQUARE HAND FORGED BALUSTERS

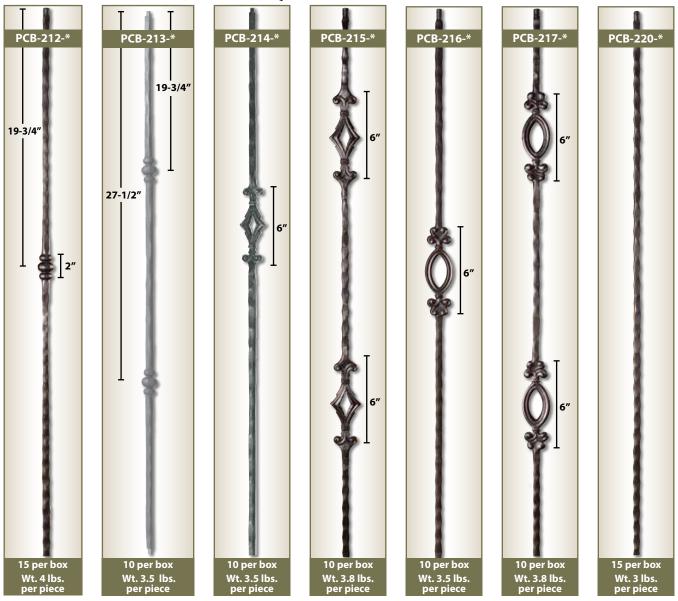


Add color code to the end of each part number when ordering (ex: PCNP-104-SB)



Powder Coated Color Samples Available Please Specify Color Choice

### 9/16" X 44" H SQUARE HAND FORGED BALUSTERS



Add color code to the end of each part number when ordering (ex: PCB-212-SB)

### **POWDER COATED SHOES**





PCSH-307-9/16" Square Opening (Shoe with Set Screw) 50 per box Wt. .05 lbs. per pc.

**Powder Coated Color** Samples Available Please Specify Color Choice

#### **Non-Stocked Finishes:**

Ships within 3-5 business days







**Satin Black** (\*SB)

Oil Rubbed Bronze (\*ORB)

### 1/2" X 44" H SQUARE PLAIN BAR RIBBON TWIST BALUSTERS



Add color code to the end of each part number when ordering (ex: PCNP-107-SB)



When less than carton quantities are purchased, a broken box charge will be applied.

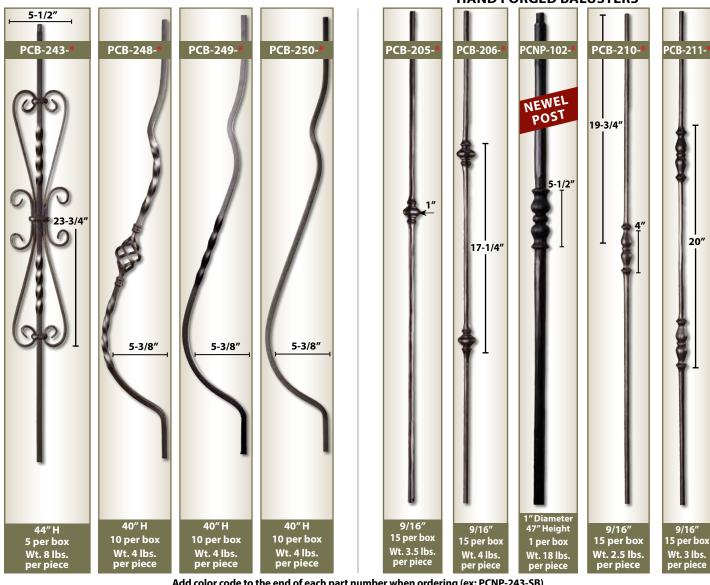
Phone:1-800-631-8375 • Fax:1-800-888-3315

**Powder Coated Color** 

Samples Available Please Specify Color Choice

### 1/2" SQUARE PLAIN BAR BALUSTERS

### 9/16" X 44" H ROUND HAND FORGED BALUSTERS



Add color code to the end of each part number when ordering (ex: PCNP-243-SB)

Non-Stocked Finishes: Ships within 3-5

business days





Oil Rubbed Bronze (\*ORB) **Powder Coated Color** Samples Available Please Specify Color Choice

When less than carton auantities are purchased, a broken box charge will be applied.

#### **SQUARE POWDER COATED SHOES**



PCSH-305-\*-D 1/2" Square Opening
(with Set Screw) 50 per box Wt. .05 lbs. per pc.



PCSH-306-\*-D 1/2" Square Opening (Pitch Shoe with Set Screw) 50 per box Wt. .10 lbs. per pc.

#### **ROUND POWDER COATED SHOES**



PCSH-500-9/16" Round Opening 50 per box Wt. .05 lbs. per pc.



PCSH-501-9/16" Round Opening (Pitch Shoe with Set Screw) 50 per box Wt. .10 lbs. per pc.

### **Powder Coated Wrought Iron Balusters & Fittings**

### **EASY INSTALLATION** (For use with our wood rails)



1. Check for plumb of baluster length and placement.



2. Cut baluster to length.



3. Cut round hole in bottom of handrail for baluster.



4. Square off bottom hole with air hammer/chisel and mortising bit without the drill inside. (For installation of square balusters without needing shoes)



5. Apply epoxy in hole for baluster



6. Do same for bottom.



7. Install baluster into epoxy filled holes and press in for tight fit.



TOOLS USED: Standard Electric Drill, Air Hammer/Chisel, Epoxy Gun

Powder Coated Wrought Iron and Wood Newel Posts ordered in error may be returned (Freight Pre-paid) for credit within 30 days less a 30% restocking charge.

### **EPOXY ADHESIVES FOR IRON BALUSTERS**



**PCA-ENP EPOXY FOR NEWEL POSTS** (coverage approximately 1 round or 2 square)



PCA-EBAL **EPOXY FOR BALUSTERS** (coverage approximately 15-20 pieces)



**PCA-EG EPOXY GUN** 

**TOUCH UP PAINT** 



Satin Black \* Touch Up Pen \* Touch up paints available in Black only



NOTE REGARDING SHOES: Optional shoes are often loose fitting around the balusters due to size tolerances created by the forged nature of the iron. Shoes do not secure the balusters in place, they are an optional decorative element. In addition to the set screw, a bead of epoxy can be used to secure them into place if desired.

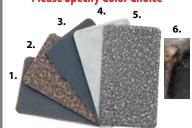


**PCA-TUC-SB** Satin Black \* **Touch Up Paint** 

#### **DESCRIPTION OF PIECES:**

Forged: Metal that is heated then shaped by hammering. Cast: Creating a shape by pouring molten metal into a mold. Edge Hammered: Hammered on all four edges (Corners). Heavily Hammered: Hammered on all four edges and all four flat sides.

### **Powder Coated Color** Samples Available \*\*\* Please Specify Color Choice \*\*\*



- 1. Oil Rubbed Copper A blackened background that is handrubbed revealing hints of copper around the edges.
- 2. Copper Vein Brown, copper and black blended with a light texture.
- 3. Satin Black A smooth dull finish with a hint of gloss.
- 4. Antique Nickel A hand rubbed marbled effect with the look of aged nickel. Each piece will vary.
- 5. Silver Vein Silver and black blended with a light texture.
- 6. Oil Rubbed Bronze An aged bronze finish in a dark, deep chocolate brown with copper undertones. Each piece will vary.

Italian
Architectural
Forged







Wrought Iron has been a part of the Architecture & Culture of Europe for over two-thousand years. Here in the United States, there is a reawakening and new appreciation for this beautiful and practical material as both a true building product and Architectural Element. Create works of distinction using our hand crafted wrought iron components.

In the following pages you will see several terms used to describe some of the pieces.

Forged: Metal that is heated then shaped by hammering.

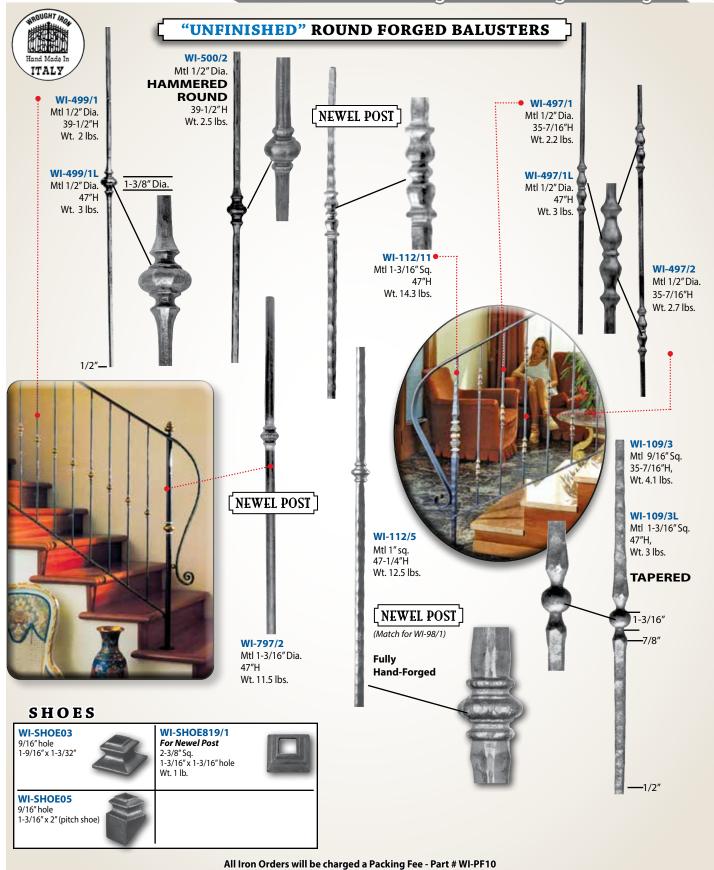
Cast: Creating a shape by pouring molten metal into a mold.

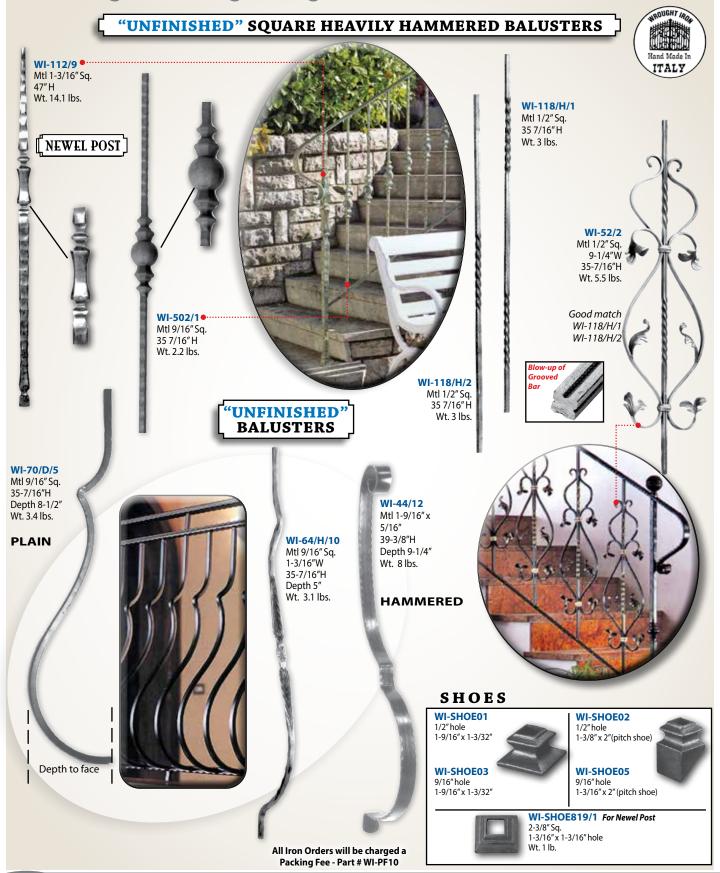
Edge Hammered: Hammered on all four edges (Corners).

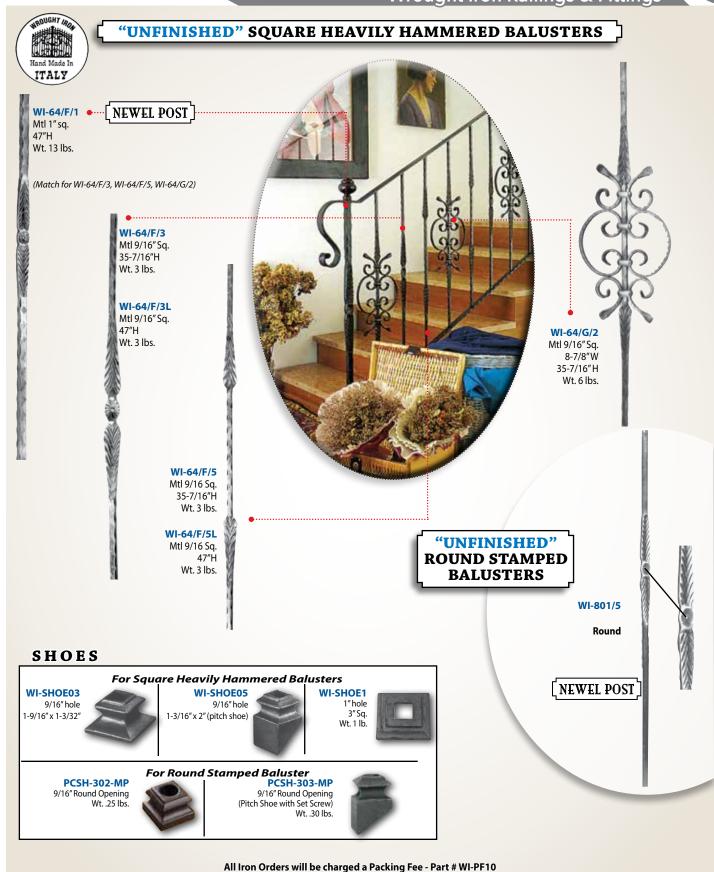
Heavily Hammered: Hammered on all four edges and all four flat sides.

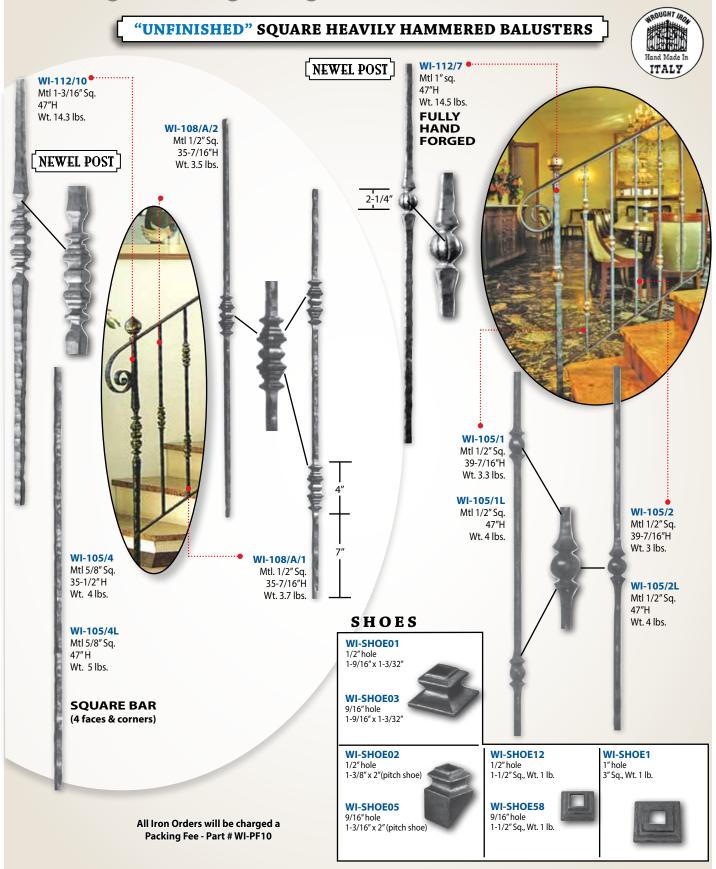
- Materials are shipped Raw/Unfinished
- Proper cleaning and priming will be needed before paint or other coatings are applied.
- Products are hand forged. For this reason dimensions and weights are approximate.
- Please Note: we do not offer fabrication or design services. Please contact a qualified fabricator.

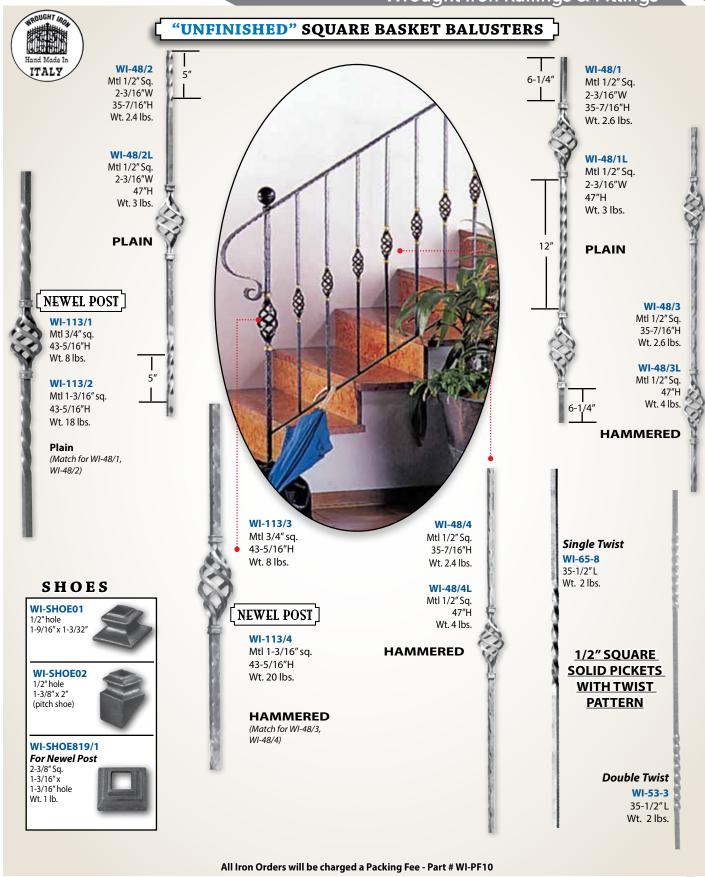




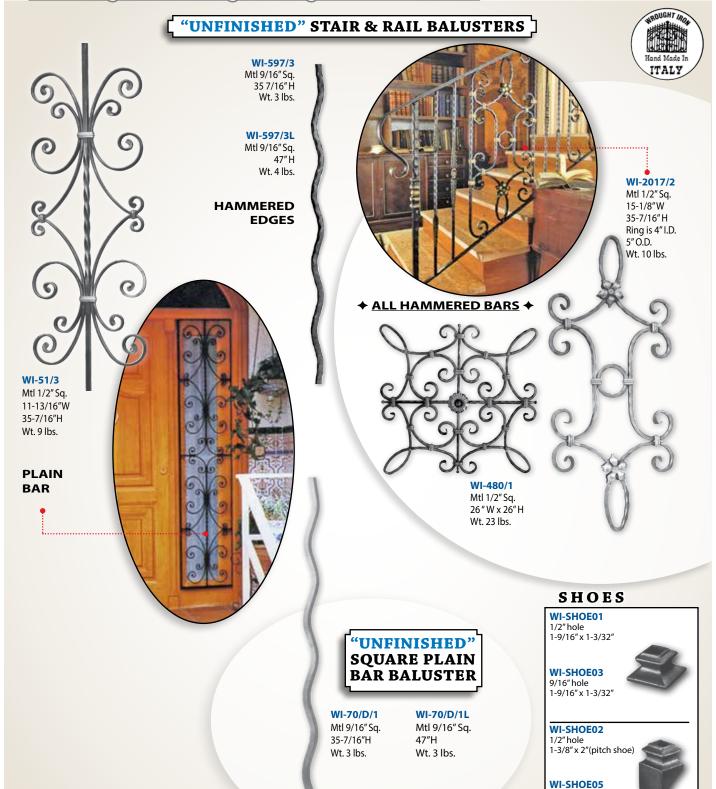






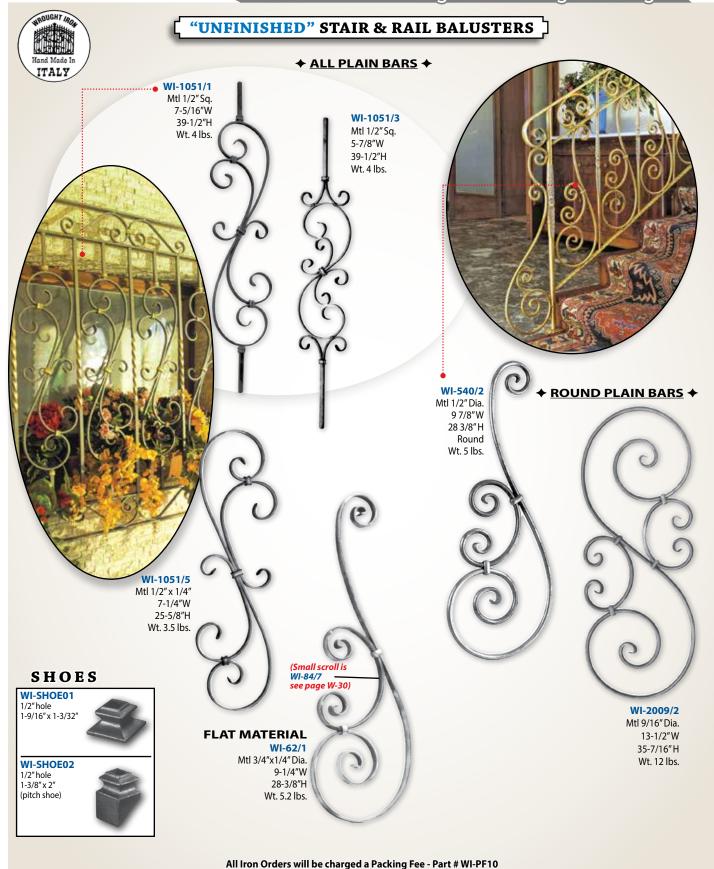


### Wrought Iron Railing & Fittings



All Iron Orders will be charged a Packing Fee - Part # WI-PF10

9/16" hole 1-3/16" x 2" (pitch shoe)



\_\_\_\_\_\_

### "UNFINISHED" SCROLLS





WI-1295/1 Mtl 1/2" Dia. 4-3/4"W x 14-3/16" H Wt. 2.1 lbs.









WI-73/3 Mtl 5/16"Sq. 3-9/16"W 7-1/16"H Wt. 5 lbs.



WI-84/7 Mtl 3/4" x 1/4" 6"W x 8-7/8" H Wt. 1.6 lbs.

Component of WI-62/1 on page W-29

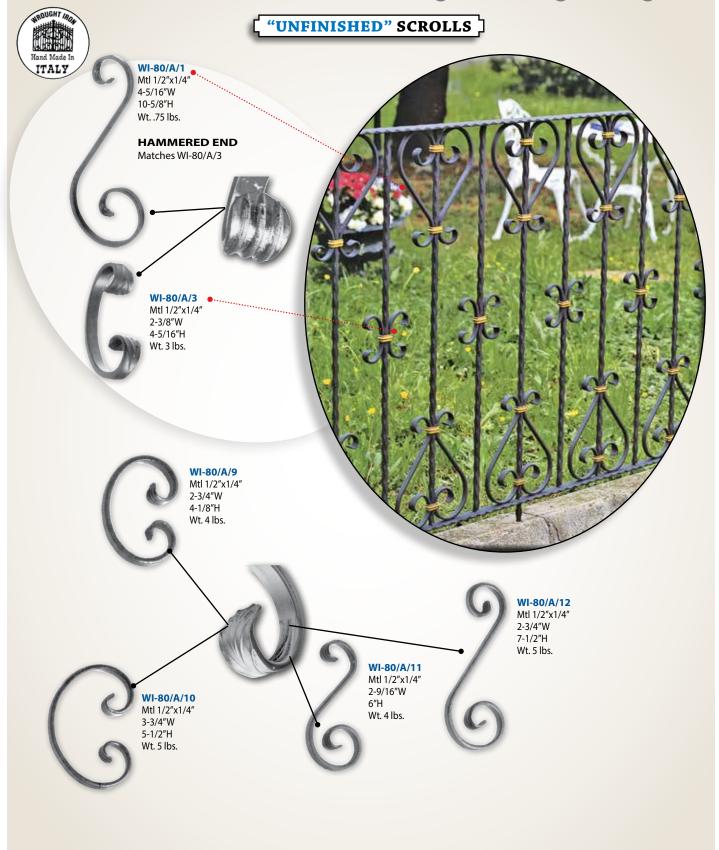


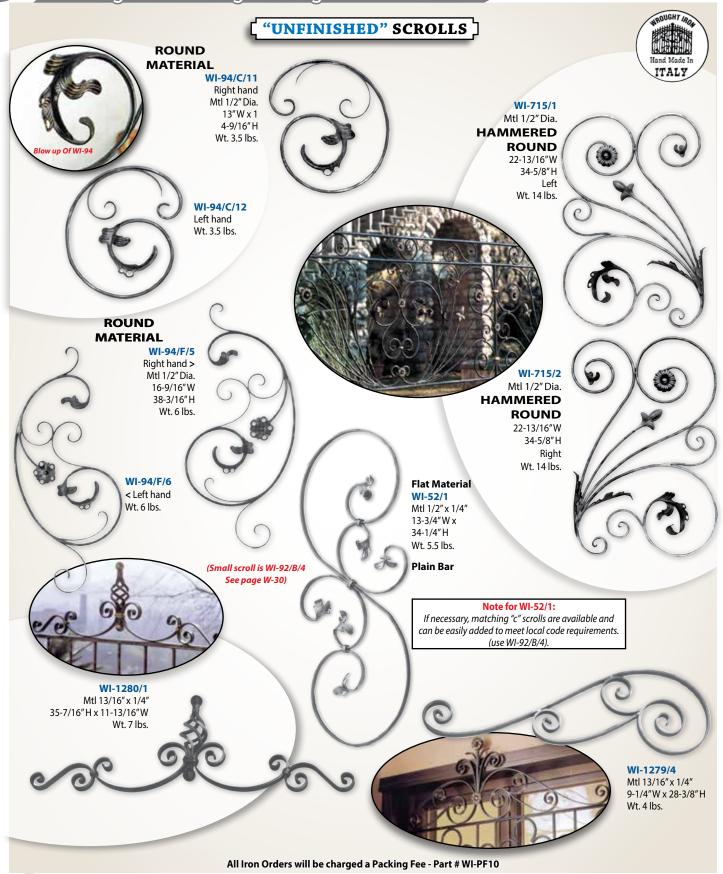
WI-92/B/4 Mtl 1/2"x1/4" 6-5/16"W x 9-7/8"H Wt. 1.5 lbs.

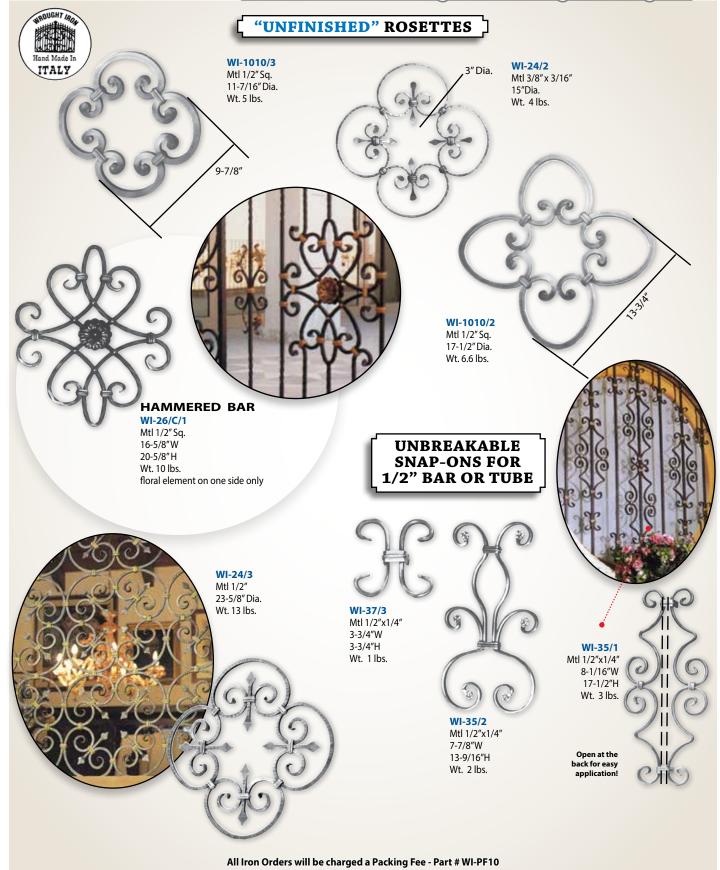
Mtl 5/16" Sq. 4-5/16"W

9-1/16"H Wt. 6 lbs.

All Iron Orders will be charged a Packing Fee - Part # WI-PF10







### "UNFINISHED" FINIALS, SPEAR POINTS, SPHERE & FLOWERS





**FINIALS** 

**◆** FORGED **◆** 

**WI-113/9** 3" Dia.



**WI-113/10** 2-3/4" Dia.



**SPEAR POINT** 

**♦ HOT STAMPED** 





**WI-727/9** Mtl 1-9/16" Sq. 2-3/4"W x

4-3/4"H" Sq.



### **SPHERE**

#### **♦ HOT STAMPED**

Smooth, weldable hot-stamped spheres for almost infinite uses.

**WI-116/F/1** 3/4" Dia.

WI-116/F/3

Dia. 1-3/16" Dia.

**WI-116/F/2** 1" Dia.

**WI-116/F/4** 1-9/16" Dia.

V



WI-138/2

14 Gauge 2-3/8" Dia. 3/16" H,

## HAND FORGED FLOWERS



WI-94/B/6 Mtl 1/8" 4-15/16" Dia.



WI-94/B/5 Mtl 1/8" 4-1/8" Dia.

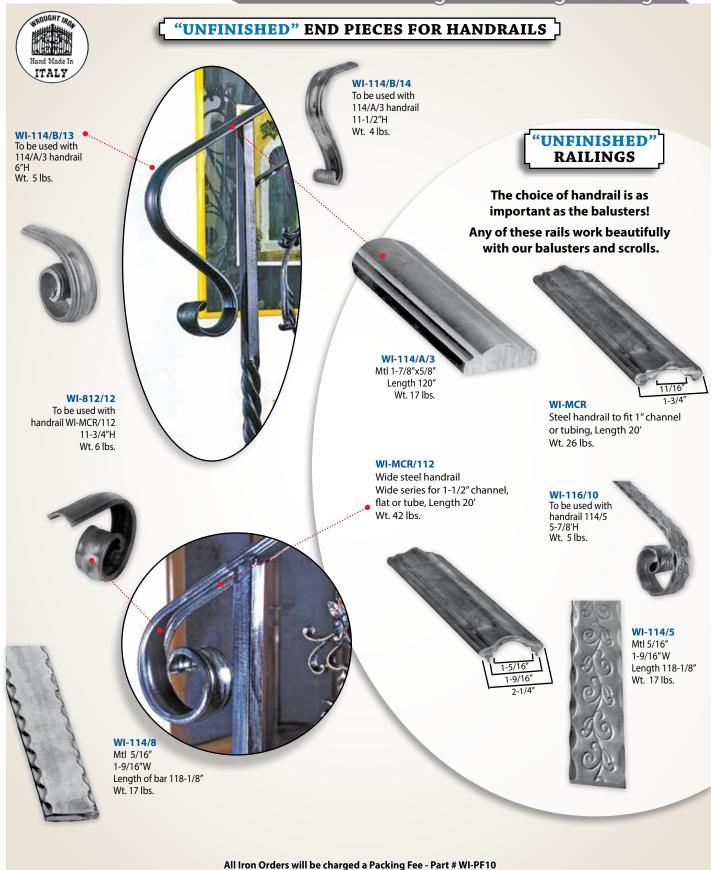




WI-116/A/3 Mtl 1/8" x 3-3/4" Dia.



All Iron Orders will be charged a Packing Fee - Part # WI-PF10



### "UNFINISHED" BARS & TUBES

### **HOT PIERCED BARS**



WI-606/1 Mtl 9/16" P=5 1/2", 78" H 14 holes per bar Wt. 6 lbs.

> **Works With** WI-599/4

**◆ TREE BARK EFFECT ◆** 

10 FT. LENGTHS

WI-599/4 9/16" Dia. Wt. 12 lbs.



### **COLD FORGED BARS with HAMMERED EDGES on FOUR SIDES**

20 FT. LENGTHS

Custom manufactured in U.S.A.

All lengths are approximate

Part #	Description	Weight
WI-118-3	5/8" Square	30 lbs.
WI-118-5	3/4" Square	38 lbs.
WI-118-6	1" Square	68 lbs.

**COLD FORGED TUBES with HAMMERED EDGES on FOUR SIDES** 

**20 FT. LENGTHS** 

For rails, fences and gates.

All lengths are approximate.



Part #	Description	Weight	
WI-118-E-9	1" Square	22 lbs.	
WI-118-E-3	1-1/4" Square	31 lbs.	

### **HAMMERED ROUND BARS**

- Custom hammered round bar.
- New automated manufacturing technique that give a hand forged look at an economical price.
- · Stock length 118".





Part #	Size	Weight
WI-12-14TB	1/4" Dia.	2 lbs.
WI-12-12TB	1/2" Dia.	7 lbs.
WI-12-38TB	3/8" Dia.	4 lbs.
WI-12-34TB	3/4" Dia.	15 lbs.

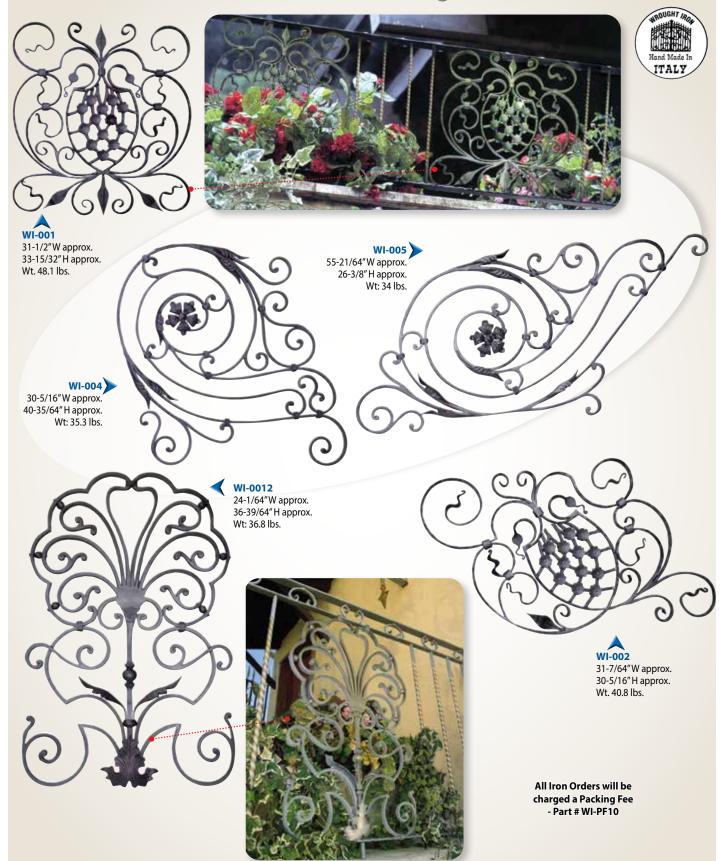
### **TWISTED BARS**

35-1/2, 40", 42" And 47" Baluster Lengths - 5 Twists

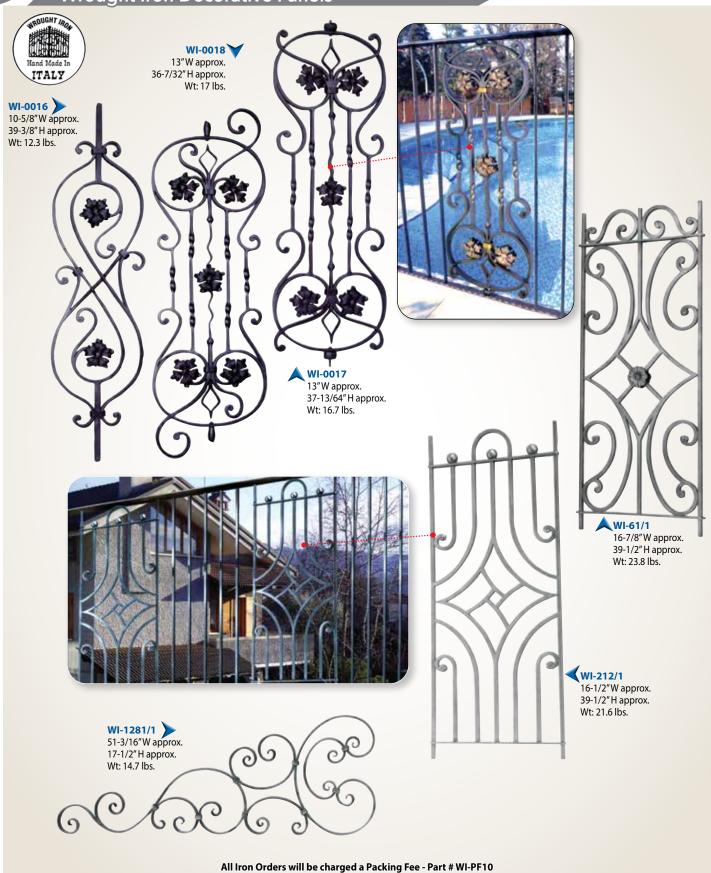
Part #	Desc	ription	Weight
WI-11-12365	1/2" Sq	35-1/2" L	3 lbs.
WI-11-1240	1/2" Sq	40" L	3 lbs.
WI-11-1242	1/2" Sq	42" L	3 lbs.
WI-11-1247	1/2" Sq	47" L	4 lbs.
WI-11-58365	5/8" Sq	35-1/2" L	4 lbs.
WI-11-5840	5/8" Sq	40" L	5 lbs.
WI-11-5842	5/8" Sq	42" L	5 lbs.
WI-11-5847	5/8" Sq	47" L	6 lbs.

1/2"

### Wrought Iron Decorative Panels



## **Wrought Iron Decorative Panels**



# CAble-Rail

#### **Standard Cable Assemblies**

#### Make Measuring, Ordering, and Installing a Breeze

CableRail\* Standard Cable Assemblies are sold in a wide range of standardized pre-cut lengths for easy ordering. There is no wasted time taking precise railing measurements; just select assemblies that are longer than you need and trim any excess in the field. Each assembly includes special Threaded Terminal and automatic-locking Quick-Connect\*SS attachment fittings that are sleek, simple to use, and easy to conceal. CableRail\* is not only extremely durable and aesthetically pleasing but also virtually invisible, allowing for beautiful, unimpaired views.

- Made from high-strength, low maintenance, weather-tough, 316-grade stainless steel
- Available in 1/8", 3/16" and 1/4" diameter cable to complement any railing design
- Sold in a wide range of standard lengths (5 ft. up to 80 ft. in 5 ft. increments) that can be trimmed to a finished dimension in the field
- Patented automatic-locking Quick-Connect SS fittings make installation fast and easy
- May be installed on new or existing wood or metal railing frames in exterior, interior, residential and commercial settings
- Product contains recycled material

# Now Available In 3 Cable Diameters: 1/8", 3/16" & 1/4"





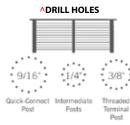
# 1/8" Standard Assemblies

- Our most popular and cost effective cable option
- Perfect for all residential and light commercial projects
- Can be installed on wood or metal frames

# ADRILL HOLES 3/8° 1/4° 5/16° Quick-Connect Intermediate Threaded Fost Posts Terminal

#### 3/16" Standard Assemblies

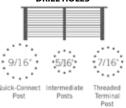
- Extra durable option for commercial and residential setting
- Can be installed on wood or metal railing frames



#### 1/4" Standard Assemblies

- Largest, most durable option for high-traffic high wear commercial locations
- Also for railings designs where the "look" of a larger cable is desired
- Recommended for metal railing frames only

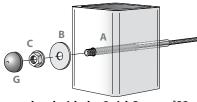
^DRILL HOLES



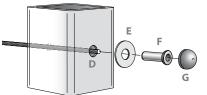
^ Drill hole sizes may differ if using isolation bushings. Call to confirm correct drill sizes.

#### **PARTS & COMPONENTS**

## Assemblies begin with the threaded terminal...



and end with the QuickConnect\*SS



- A = Threaded Terminal Fitting
- 3 = Flat Washer with Small Hole
- C = Washer Nut
- D = Bare Cable End
- E = Flat Washer with Large Hole
- F = Quick-Connect°SS
- **G** = End Cap

Note: Accessories vary with wire diameter



# Stainless Quick-Connect°SS fittings make cable projects quicker and easier than ever

Each assembly comes with a Threaded Terminal fitting pre-attached to one end and a field installed Quick-Connect'SS fitting for the other end. Simply secure the Threaded Terminal to one end post, lace the free end of the cable thought the remaining posts, slip on a Quick-Connect'SS, tension the line, trim the excess, and finish with decorative end caps.

The cable is 1x19 construction 316-grade stainless steel for strength, durability, and weather protection. Available in 1/8", 3/16" and 1/4" diameter.

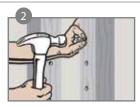


Our unique patented stainless steel Quick-Connect SS fitting is attached to the cable in the field **without special tools**. One way jaws allow the cable to easily slide through the fitting in one direction but automatically grab and lock-on when the cable is released. Just slip it on, pull the cable tight and cut the excess.

### Steps for Installing the Standard Cable System



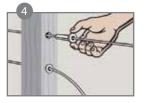
Measure, mark and drill holes in all posts



Insert Protector sleeves (wood posts) or Grommets/Isolation Bushings (metal posts) at necessary locations



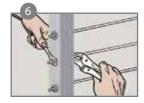
Insert the Threaded Terminal into one end termination post and secure with a Snug-Grip\* Washer Nut.



Lace the free end of the cable though the remaining posts and slide on a Quick-Connect\*SS Fitting



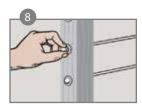
Pull the cable through the Quick-Connect\*SS fitting to remove the excess slack in the line



Tighten the Snug-Grip® Washer Nuts to adjust the final tension in the line



Trim the excess threads on the Threaded Terminal and excess cable behind the Quick-Connect\*SS.



Snap on decorative End Caps over the exposed ends of the Quick-Connect\*SS fittings and Snug-Grip\* Washer Nuts.



#### ARCHITECTURAL CABLE ASSEMBLIES

Now Available In 3 Cable Diameters: 1/8", 3/16" & 1/4"



#### Cable Assembly Care & Maintenance

The protective chromium oxide film on the surface of stainless steel gives it superior corrosion resistance. Properly maintained stainless steel provides excellent luster, strength and durability. In most applications stainless steel won't rust or stain even after many years of service, but it's NOT rust or stain proof. When stainless comes in contact with chloride salts, sulfides or other rusting metals, it can discolor or even rust and corrode. With proper care and maintenance, however, stainless steel can remain beautiful and functional for years to come, even when it's exposed to marine environments, polluted surroundings, salted highways or anywhere it might be exposed to corrosive elements.

- Clean stainless with soap and warm water. Never clean with mineral acids or bleaches.
- Never leave stainless in contact with iron, steel or other metals. This can cause rust spots or corrosion.
- · Always remove stains or rust spots as soon as possible with either soap and water or a brass, silver, stainless or chrome cleaner.
- Never use coarse abrasives like sandpaper or steel wool on stainless. Use synthetic Scotch pads instead.
- Periodically inspect cable assemblies for proper tension and re-tension as necessary. This is important.
- On outdoor cable installations, coat the inside of the QuickConnect\*SS fittings with Fluid Film\*Corrosion Preventative and keep end fittings covered with End Caps. This is especially important in hot and humid areas and coastal locations with salt air.



#### **Product Guidelines\***

Spacing: For railings, we recommend spacing the cables no more than 3 inches apart and placing posts or vertical members no more than 3 feet apart.

Load: Frames must be built strong enough to support the cable loads of approximately 350 lbs. per cable.

\* Securely fasten all posts and cap rails. Carefully plan all termination and corner posts for proper clearance, positioning and maximum cable run lengths.



Double Flat Bar

Angle Iron

#### Minimum Sizes for All Corner & End Posts

All other posts should be sized as required for cap rail support strength or for code.



4 x 6 WOOD 3-1/2" wide, 5-1/2" thick

Single & Double Wood Posts\*\*



FLAT BAR 2" wide, 1" thick



ANGLE IRON 2" wide, 1/2" thick

Single Pipe\*\*

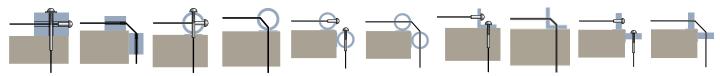


**EXTRA STRONG PIPE** 1-1/2" ID. 1-7/8" OD



SOUARE TURE 2" wide, 1/4" wall

## Cables can terminate or run through corner posts



**Double Pipe** \*\*Offset drill holes at least 1/2" when crossing fittings in a single corner post.

NOTE: Since building codes vary by state, county and city, these recommendations may not comply with code requirements in all areas. <u>ALWAYS</u> consult with your local building department before starting your project.

#### **How To Order:**

- 1. Carefully Review all of the installation instructions & guidelines.
- 2. <u>Select Assembly Lengths:</u> Decide where you'll start & end your cables. Straight runs shouldn't be over 80 feet and runs with bends (2 bends at most) NOT over 40 feet. Select assemblies that are at least 1 foot longer than the length of your railing.

Terminal

(For Wood Posts)

- 3. Determine Quantities: The number of assemblies depends on your railing design; remember, space cables no more than 3 inches apart (See guidelines).
- 4. Check Accessories: Count up all the end caps, protector sleeves, rubber grommets and beveled washers.
- 5. Place The Order: Call toll free or fax to the numbers indicated below.





Cable Rail

Assembly

#### 1/8" Cable Assemblies:

Each assembly includes:

- 1/8" diameter type 316 Stainless Steel Cable
- One pre-attached threaded terminal fitting (4-1/4" for metal posts or 7-1/2" for wood posts)
- · One Stainless Steel QuickConnect SS fitting
- Two Stainless Steel flat washers (or two Nylon flat washers for metal posts)
- One Stainless Steel washer nut.
- Stainless Steel Caps or Plastic Caps are sold separately.

CBLR-305W	CBLR-305M	5 ft.
CBLR-310W	CBLR-310M	10 ft.
CBLR-315W	CBLR-315M	15 ft.
CBLR-320W	CBLR-320M	20 ft.
CBLR-325W	CBLR-325M	25 ft.
CBLR-330W	CBLR-330M	30 ft.
CBLR-335W	CBLR-335M	35 ft.
CBLR-340W	CBLR-340M	40 ft.
CBLR-345W	CBLR-345M	45 ft.
CBLR-350W	CBLR-350M	50 ft.
CBLR-355W	CBLR-355M	55 ft.
CBLR-360W	CBLR-360M	60 ft.
CBLR-365W	CBLR-365M	65 ft.
CBLR-370W	CBLR-370M	70 ft.
CBLR-375W	CBLR-375M	75 ft.
CBLR-380W	CBLR-380M	80 ft.

Terminal

(For Metal Posts)

#### 3/16" Cable Assemblies:

Each assembly includes:

- 3/16" diameter type 316 Stainless Steel Cable
- One pre-attached threaded terminal fitting (4-1/4" for metal posts or 7-1/2" for wood posts)
- One Stainless Steel QuickConnect\*SS fitting
- Two Stainless Steel flat washers (or two Nylon flat washers for metal posts)
- · One Stainless Steel washer nut
- Stainless Steel Caps or Plastic Caps are sold separately.

With 7-1/2" Terminal (For Wood Posts)	With 4-1/4" Terminal (For Metal Posts)	Cable Rail Assembly
CBLR-305W-316	CBLR-305M-316	5 ft.
CBLR-310W-316	CBLR-310M-316	10 ft.
CBLR-315W-316	CBLR-315M-316	15 ft.
CBLR-320W-316	CBLR-320M-316	20 ft.
CBLR-325W-316	CBLR-325M-316	25 ft.
CBLR-330W-316	CBLR-330M-316	30 ft.
CBLR-335W-316	CBLR-335M-316	35 ft.
CBLR-340W-316	CBLR-340M-316	40 ft.
CBLR-345W-316	CBLR-345M-316	45 ft.
CBLR-350W-316	CBLR-350M-316	50 ft.
CBLR-355W-316	CBLR-355M-316	55 ft.
CBLR-360W-316	CBLR-360M-316	60 ft.
CBLR-365W-316	CBLR-365M-316	65 ft.
CBLR-370W-316	CBLR-370M-316	70 ft.

#### 1/4" Cable Assemblies:

Each assembly includes: •1/4" diameter type 316 Stainless Steel Cable •One pre-attached threaded terminal fitting (4-3/4" long with 2-5/8" thread) use with metal posts • One Stainless Steel QuickConnect SS fitting • Two Nylon flat washers • One Stainless Steel washer nut • Stainless Steel Caps or Plastic Caps are sold separately.



With 4-1/4" Terminal (For Metal Posts)	Cable Rail Assembly
CBLR-305M-14	5 ft.
CBLR-310M-14	10 ft.
CBLR-315M-14	15 ft.
CBLR-320M-14	20 ft.
CBLR-325M-14	25 ft.
CBLR-330M-14	30 ft.
CBLR-335M-14	35 ft.
CBLR-340M-14	40 ft.
CBLR-345M-14	45 ft.
CBLR-350M-14	50 ft.
CBLR-355M-14	55 ft.
CBLR-360M-14	60 ft.
CBLR-365M-14	65 ft.
CBLR-370M-14	70 ft.

#### **End Caps (sold separately):**

Plastic Caps (2 Required per Assembly)



**CBLR-CAP-BK** 



**CBLR-CAP-BR** 



**CBLR-CAP-WH** 



**CBLR-CAP-GY** 



**CBLR-CAP-SLV** 



**CBLR-CAP-TPE** 



**CBLR-CAP-BZE** 



**CBLR-CAP-GRN** 



Cream

CBLR-CAP-CRM







**CBLR-CAP-CHF** Chamfer Style 3/4" OD x 3/8" High





**CBLR-CAP-CRW** Crown Style 3/4" OD x 3/8" High





**CBLR-CAP-DME** Dome Style 3/4" OD x 3/8" High

#### **Accessories for Special Needs:**





Use Stainless Steel beveled washers for stair termination posts with angled holes. Available for both threaded terminal  $\&\,QuickConnect^*SS$ fittings.

CBLR-BEVW-QC

Works With For QuickConnect-SS™ End 1/8" Cable **CBLR-BEVW-TT** 

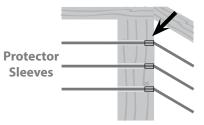
For Threaded Terminal End

CBLR-BEVW-QC-316

**Works With** For QuickConnect-SS™ End CBLR-BEVW-TT-316 3/16" Cable For Threaded Terminal End

CBLR-BEVW-QC-14

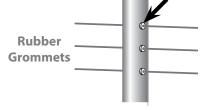
For QuickConnect-SS™ End **Works With** CBLR-BEVW-TT-14 1/4" Cable For Threaded Terminal End



Stainless Steel protector sleeves prevent abrasion at angled transitions on wood posts (i.e. stair transition posts or outside faces of double corner posts).

**Works With** 1/8" & 3/16" Cable

**CBLR-PROS** 1/4" OD x 1" Long



Rubber grommets look good on tubular metal posts. Fits 1/4" holes in intermediate posts. (not for corner or end posts).

**Works With** 1/8" Cable

**CBLR-RUBG** 7/16" OD Flange - Black



#### Post assemblies simplify installation and eliminate welding The look of custom, the ease of Prefab!

#### Material: 316 Grade Stainless Steel (Satin Finish)



#### 1.67" Rail Diameter

#### Simply-

- · Choose your mounting options
- · Choose the post positions
- · Choose necessary accessories
- · Add cable assemblies

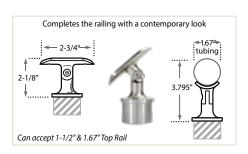
We will produce & ship the goods that meet your requirements

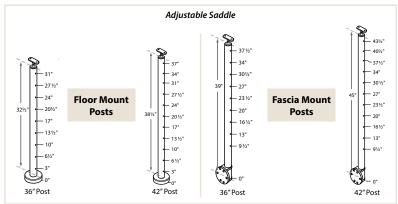




#### Which Pre-fabricated Posts are needed?

#### 1) What post height is required? (specific sizes available, inquire), 36" Standard or 42"Guardrail Height?



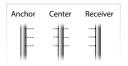


#### 2) What type of posts are needed and how many?

#### **Standard**

**Anchor (required):** This pre-threaded post accepts the threaded terminal of the cable assembly and is the starting point.

**Center (optional):** There should be approximately 3' between each post and therefore the center post should be used as needed.



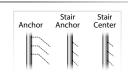
Receiver (required): This pre-threaded accepts the quick connect of the cable assembly and is your end point.

#### **Stairs and Slopes**

**Stair Anchor Post (optional):** If requires holes on anchor post to be offset. Use part # **OFFSET** (per post type)

Stair Center Post (required): Measure rise and tread.





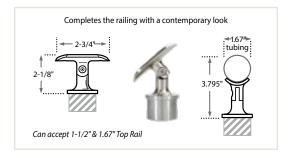
Custom Stair Post: If your rise and tread is larger than 7" - 11", than you will need a custom stair post. Costs will vary, please inquire.



#### Material: 316 Grade Stainless Steel (Satin Finish)

#### 3) Posts are fabricated with Short Adjustable Saddles

Posts include Top Bracket & Screws, now you are ready to pick your Post!



#### 4) Which mount option?

#### Floor Mount Post:

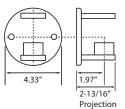




<b>5</b>	Post	Accepts Cable	
Part #	Height	Diameter	Post Position
CBLR-3618FLAP-SA	36"	1/8″	Anchor Post
CBLR-36316FLAP-SA	36"	3/16"	Anchor Post
CBLR-3618FLCP-SA	36"	1/8"	Center Post
CBLR-36316FLCP-SA	36"	3/16"	Center Post
CBLR-3618FLSP-SA	36"	1/8"	Stair Post
CBLR-36316FLSP-SA	36"	3/16"	Stair Post
CBLR-3618FLRP-SA	36"	1/8"	Receiver Post
CBLR-36316FLRP-SA	36"	3/16"	Receiver Post
CBLR-4218FLAP-SA	42"	1/8"	Anchor Post
CBLR-42316FLAP-SA	42"	3/16"	Anchor Post
CBLR-4218FLCP-SA	42"	1/8"	Center Post
CBLR-42316FLCP-SA	42"	3/16"	Center Post
CBLR-4218FLSP-SA	42"	1/8"	Stair Post
CBLR-42316FLSP-SA	42"	3/16"	Stair Post
CBLR-4218FLRP-SA	42"	1/8"	Receiver Post
CBLR-42316FLRP-SA	42"	3/16"	Receiver Post

#### Fascia Mount Post:





David #	Post	Accepts Cable	Do at Do aiti an
Part #	Height	Diameter	Post Position
CBLR-3618FAAP-SA	36"	1/8″	Anchor Post
CBLR-36316FAAP-SA	36"	3/16"	Anchor Post
CBLR-3618FACP-SA	36"	1/8"	Center Post
CBLR-36316FACP-SA	36"	3/16"	Center Post
CBLR-3618FASP-SA	36"	1/8"	Stair Post
CBLR-36316FASP-SA	36"	3/16"	Stair Post
CBLR-3618FARP-SA	36"	1/8"	Receiver Post
CBLR-36316FARP-SA	36"	3/16"	Receiver Post
CBLR-4218FAAP-SA	42"	1/8"	Anchor Post
CBLR-42316FAAP-SA	42"	3/16"	Anchor Post
CBLR-4218FACP-SA	42"	1/8"	Center Post
CBLR-42316FACP-SA	42"	3/16"	Center Post
CBLR-4218FASP-SA	42"	1/8"	Stair Post
CBLR-42316FASP-SA	42"	3/16"	Stair Post
CBLR-4218FARP-SA	42"	1/8"	Receiver Post
CBLR-42316FARP-SA	42"	3/16"	Receiver Post



#### Material: 316 Grade Stainless Steel (Satin or Polished Finish)

**Required components** (Must be purchased Separately)

#### 5) Choose your cable



#### To order cables, see below

Our cable rail comes with everything you need for a quick and easy installation, including a threaded stainless steel terminal, Quick-Connect\* stainless steel tensioning hardware & washers.

#### Quick-Connect®SS Snug-Grip™ Washer Nut (Stainless Steel) (Stainless Steel) Flat (Nylon) Threaded Terminal (Stainless Steel: 4-1/4") Cable (Stainless Stee

#### Cable Rail

- a) Choose diameter:
  - 1/8" cables are commonly used for residential and light commercial projects
  - 3/16" cables are utilized in commercial jobs or residential applications where a heavier cable is desired
- b) What cable length do you need?

If your overall distance between posts is within 1 ft. of the cable assembly, then order the next size up Example: If the distance is 5 <sup>1</sup>/<sub>2</sub> ft., order a 10 ft. assembly

- c) Number of assemblies required?
  - 9 assemblies per 36" post, 11 assemblies per 42" post

#### Each assembly includes:

- Choice of diameter type 316 stainless steel cable
- One pre-attached threaded terminal fitting (4-1/4" for metal posts)

1/0// Dia Cabla

• One stainless steel Quick-Connect®SS fitting, two nylon flat washers for metal posts & one stainless steel washer nut

<u>1/8" Dia. Cable</u>		
With 4-1/4" Terminal (for metal posts)	Cable Rail Assembly	
CBLR-305M	5 ft.	
CBLR-310M	10 ft.	
CBLR-315M	15 ft.	
CBLR-320M	20 ft.	
CBLR-325M	25 ft.	
CBLR-330M	30 ft.	
CBLR-335M	35 ft.	
CBLR-340M	40 ft.	
CBLR-345M	45 ft.	
CBLR-350M	50 ft.	
CBLR-355M	55 ft.	
CBLR-360M	60 ft.	
CBLR-365M	65 ft.	
CBLR-370M	70 ft.	
CBLR-375M	75 ft.	
CBLR-380M	80 ft.	

#### 3/16" Dia. Cable

Cable Rail
Assembly
5 ft.
10 ft.
15 ft.
20 ft.
25 ft.
30 ft.
35 ft.
40 ft.
45 ft.
50 ft.
55 ft.
60 ft.
65 ft.
70 ft.

#### **End Caps (Optional)**

**Plastic Caps** (2 Required per Assembly)

**CBLR-CAP-BK** 







**CBLR-CAP-BR** 











Bronze **CBLR-CAP-BZE** 







**CBLR-CAP-CRM** 

**CBLR-CAP-GRN** 

**Stainless Steel Caps** (2 Required per Assembly)

3/4" OD x 3/8" High







**CBLR-CAP-CRW** Crown Style



**CBLR-CAP-DME** Dome Style

#### 6) Choose your Top Rail

316 Satin Stainless Steel, 240 Grit Tube, 1.67" O.D. x .08"

Part #	Rail Length
SST-16708-4	4 ft.
SST-16708-8	8 ft.
SST-16708-12	12 ft.
SST-16708-16	16 ft.



Rails Listed Below Only Works With Adjustable Saddle

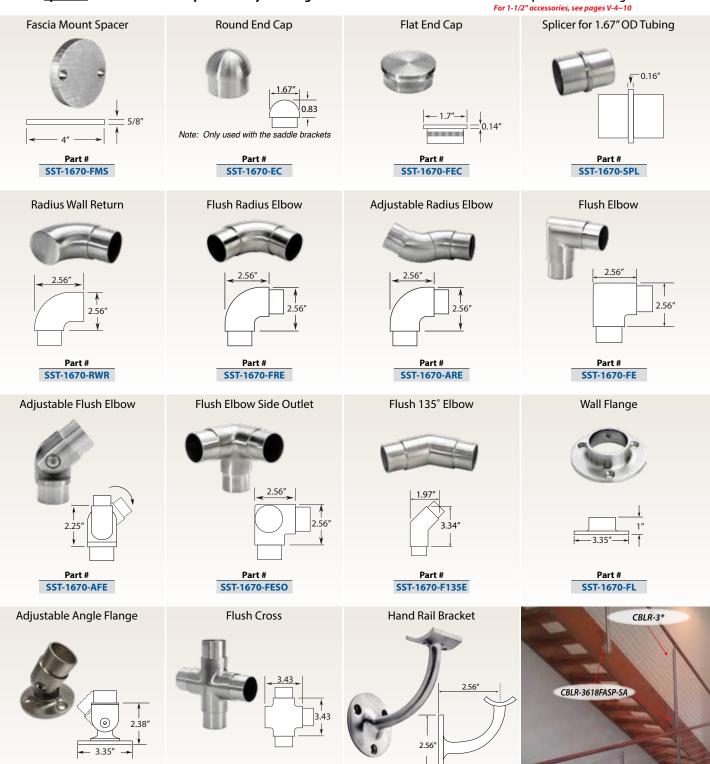


		•
Part #	<b>Rail Length</b>	Description
S82-150-CH	12 ft.	304 Polished Stainless Steel, 1.5" O.D. x .050"
SSF1-150-SC-4	4 ft.	304 (180 Grit) Stain Stainless Steel, 1.5" O.D. x .050"
SSF1-150-SC-8	8 ft.	304 (180 Grit) Stain Stainless Steel, 1.5" O.D. x .050"
SWR-150-MP	8 ft.	Solid Maple Dowel (Unfinished), 1.5" O.D. x .050"
SWR-150-OK	8 ft.	Solid Oak Dowel (Unfinished), 1.5" O.D. x .050"



#### Material: 316 Grade Stainless Steel (Satin or Polished Finish)

#### 7) Choose <u>optional</u> accessories to incorporate into your design. Note: These accessories work with 1.67" top rail & flush fittings



Part #

SST-1670-FLC

Part #

SST-1670-HR

CBLR-3618FLCP-SA

Part #

SST-1670-AAF

## **Kee Lite® Fittings**



Kee Lite fittings are made from high grade aluminum silicon magnesium alloy to provide you with a lightweight, corrosion resistant and strong alternative for fabrication of pipe structures.

- Lightweight
- For a stylish, sleek design
- Hidden set screws for smooth aesthetics
- Non-corrosive
- To be used with 1-1/4" pipe size



Please note fittings work with schedule 40 pipe only.
OD dimensions are much different from standard pipe.
Schedule 40 1-1/4 = 1.66" OD



• HANDRAILS • LIGHTING GRIDS • PLAYGROUNDS • GUARDRAILS
• SET DESIGN & PROPS • WATER TREATMENT FACILITIES
• CORROSIVE ENVIRONMENTS • INDUSTRIAL/COMMERCIAL
• RETAIL & RESTAURANT DESIGN • MUNICIPAL • INSTITUTIONAL



