

2014



RAILINGS AND GUIDANCE SYSTEMS

RAILINGS/GUIDANCE SYSTEMS

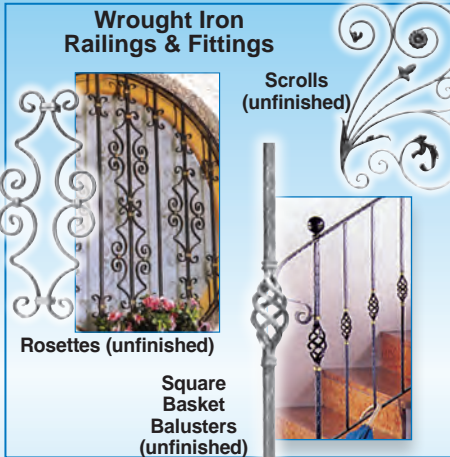
Pgs. 910-959



Newel Posts (Red Oak)



Wrought Iron Elements (Powder Coated)



Wrought Iron Railings & Fittings

Scrolls (unfinished)

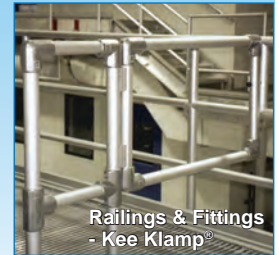
Rosettes (unfinished)

Square Basket Balusters (unfinished)



Hand Carved Hardwood Baluster

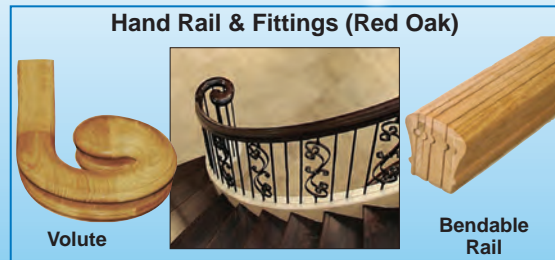
Hand Carved Hardwood Newel Post



Railings & Fittings - Kee Klamp®



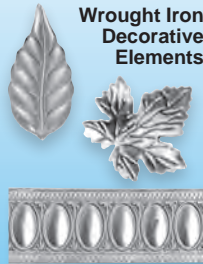
Stanchions (Guidance Systems)



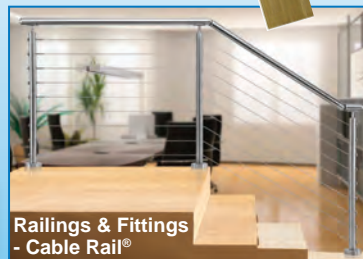
Hand Rail & Fittings (Red Oak)

Volute

Bendable Rail



Wrought Iron Decorative Elements



Railings & Fittings - Cable Rail®

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Powder Coated Wrought Iron Elements

FOR USE WITH OUR WOOD RAILINGS & ACCESSORIES *see pgs. 916-918*

Reviving the Splendor of Wrought Iron

Satin
Black
(SB)



Antique
Nickel
(AN)



Copper
Vein
(CV)



Oil
Rubbed
Bronze
(ORB)



Oil
Rubbed
Copper
(ORC)



SHOWN: PCB-256, PCB-257,
PCB-263, WNP-110-RO,
WHR-7011-RO, WHR-6010-BM-RO








Create Looks of Distinction Using our Powder Coated Iron

NOTE: Shoes are not a tight friction fit and are often loose fitting due to the forged nature of the iron and size tolerances.

POWDER COATED WROUGHT IRON BALUSTERS & FITTINGS

Classic Collection

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

<p>PCNP-108-</p> <p>NEWEL POST</p>  <p>11-1/2"</p> <p>1-3/16" Sq. 48" Height 1 per box Wt. 18 lbs. per piece</p>	<p>PCB-238-</p>  <p>22"</p> <p>1/2"</p> <p>15 per box Wt. 3 lbs. per piece</p>	<p>PCB-239-</p>  <p>6"</p> <p>1/2"</p> <p>15 per box Wt. 3 lbs. per piece</p>	<p>PCB-240-</p>  <p>6"</p> <p>6"</p> <p>1/2"</p> <p>15 per box Wt. 3 lbs. per piece</p>	<p>PCNP-109-</p> <p>NEWEL POST</p>  <p>7"</p> <p>9"</p> <p>7"</p> <p>1-3/16" Sq. 48" Height 1 per box Wt. 20 lbs. per piece</p>	<p>PCB-241-</p>  <p>6"</p> <p>5-1/2"</p> <p>6"</p> <p>1/2"</p> <p>10 per box Wt. 4 lbs. per piece</p>	<p>PCB-242-</p>  <p>9"</p> <p>1/2"</p> <p>10 per box Wt. 4 lbs. per piece</p>
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COLOR SAMPLES



NOTE: Due to photographic imaging, products may vary slightly in color. 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

	<p>PCSH-305- 1/2" Square Opening (with Set Screw) 50 per box Wt. .05 lbs per pc.</p>		<p>PCSH-306- 1/2" Square Opening (Pitch Shoe with Set Screw) 50 per box Wt. .10 lbs. per pc.</p>
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POWDER COATED WROUGHT IRON BALUSTERS & FITTINGS

Classic Collection

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

PCNP-111-

**NEWEL
POST**

5"

1-3/16" Square
48" Height
1 per box
Wt. 20 lbs.
per piece

PCB-255-

18"

2"

10 per box
Wt. 4 lbs.
per piece

PCB-256-

20"

10 per box
Wt. 3.5 lbs.
per piece

PCB-257-

15 per box
Wt. 3 lbs.
per piece

PCB-258-

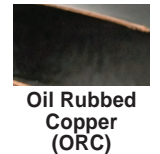
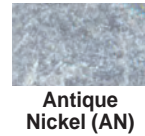
2"

2"

10 per box
Wt. 4 lbs.
per piece



COLOR SAMPLES



*NOTE: Due to photographic imaging,
products may vary slightly in color.
Color samples available.
Please specify color choice.*

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

POWDER COATED SHOES





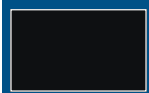





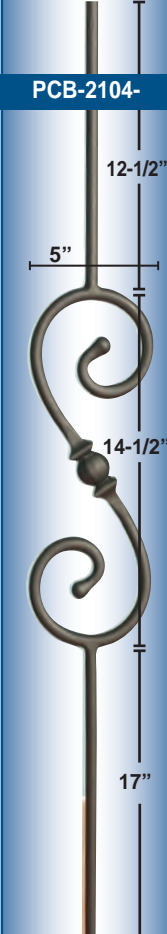
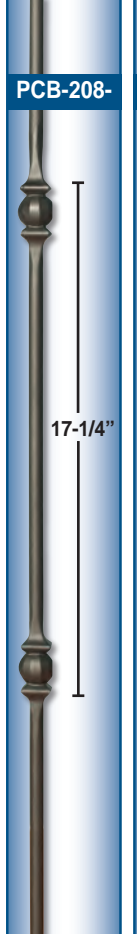

<p>PCSH-305- 1/2" Square Opening (with Set Screw) 50 per box Wt. .05 lbs. per pc.</p>	<p>PCSH-306- 1/2" Square Opening (Pitch Shoe with Set Screw) 50 per box Wt. .10 lbs. per pc.</p>
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POWDER COATED WROUGHT IRON BALUSTERS & FITTINGS

Classic Collection

1/2" SQUARE PLAIN BAR BALUSTERS

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

 <p>5-3/4"</p> <p>PCB-251-</p> <p>22-1/2"</p>	 <p>7"</p> <p>PCB-252-</p> <p>15-1/2"</p>	 <p>NEWEL POST</p> <p>PCNP-106-</p>	 <p>5"</p> <p>PCB-263-</p> <p>11-1/2"</p>	<p>COLOR SAMPLES</p>  <p>Satin Black (SB)</p>  <p>Copper Vein (CV)</p>  <p>Oil Rubbed Copper (ORC)</p>  <p>Antique Nickel (AN)</p>  <p>Oil Rubbed Bronze (ORB)</p>	 <p>19-3/4"</p> <p>5-1/2"</p> <p>PCB-207-</p>	 <p>12-1/2"</p> <p>5"</p> <p>14-1/2"</p> <p>17"</p> <p>PCB-2104-</p>	 <p>17-1/4"</p> <p>PCB-208-</p>	 <p>PCB-209-</p>
<p>44" H 5 per box Wt. 5.2 lbs. per piece</p>	<p>44" H 5 per box Wt. 6 lbs. per piece</p>	<p>1-3/16" Square 48" Height 1 per box Wt. 19 lbs. per piece</p>	<p>44" H 5 per box Wt. 4.2 lbs. per piece</p>	<p><i>NOTE: Due to photographic imaging, products may vary slightly in color. Color samples available. Please specify color choice.</i></p>	<p>15 per box Wt. 3.5 lbs. per piece</p>	<p>5 per box Wt. 4.3 lbs. per piece</p>	<p>10 per box Wt. 4 lbs. per piece</p>	<p>15 per box Wt. 2.5 lbs. per piece</p>

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
Wt. .10 lbs. per pc.

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

ROUND POWDER COATED SHOES



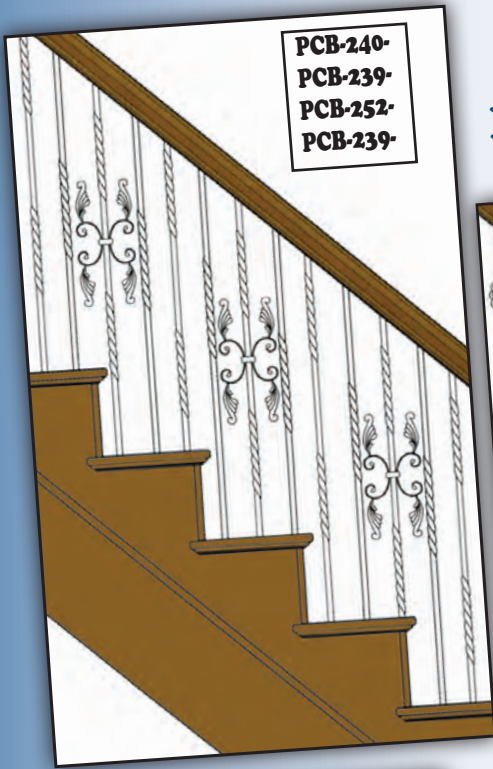
PCSH-302-
9/16" Rd. Opening
50 per box
Wt. .05 lbs per pc.



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

Powder Coated Wrought Iron Balusters & Fittings

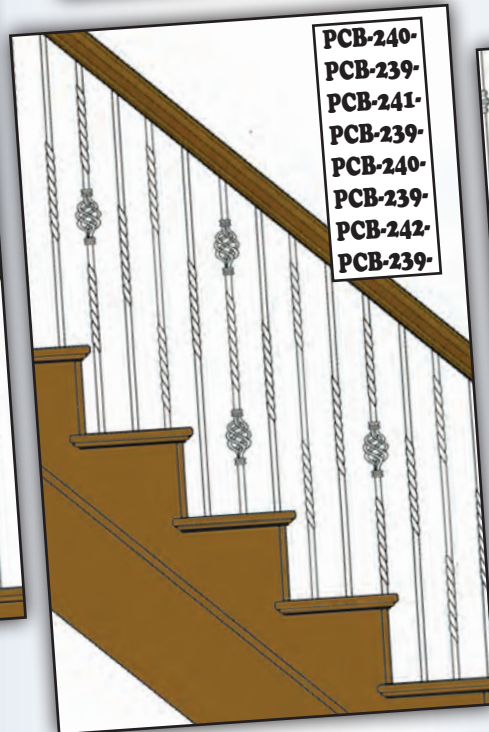
PATTERN IDEAS



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

❄️ ❄️ **Other Species Available - Please See Note Below** ❄️ ❄️

Staircases . . .

So much more than a means of reaching various levels in the home, they provide the opportunity to create a striking architectural 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 rail, fittings & newels, create a stairway with style and character.



Must be installed by a qualified contractor experienced with this product

Straight Rail
12' Lengths
WHR-6010-RO

PROFILE
6010 Colonial Hand Rail
Width: 2-1/4"
Height: 2-3/8"

Bendable Rail with Pine Mold
12' Lengths
WHR-6010-BM-RO

Start Easing
WHR-7010-RO

PROFILE

Level Quarter Turn
WHR-7011-RO

PROFILE



Returned End
WHR-7009-RO

PROFILE

Opening Cap
WHR-7019-RO

PROFILE

Left Hand Volute
WHR-7030-RO

PROFILE

Right Hand Volute
WHR-7035-RO

PROFILE

All fittings include connective hardware #RBK-WOOD kit

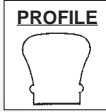
❄️ ❄️ **Also available in Alder, Ash, Birch, Brazilian Cherry, Eastern White Pine, Douglas Fir, Hard Maple, Hickory, Mahogany, Black Walnut & White Oak.** ❄️ ❄️

TRADITIONAL HAND RAIL & FITTINGS STOCKED IN UNFINISHED RED OAK

*** * Other Species Available - Please See Note Below * ***

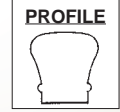
2 Rise Left Hand Gooseneck

WHR-7071-RO



2 Rise Right Hand Gooseneck

WHR-7076-RO



2 Rise Straight Gooseneck

WHR-7099-RO



Rosette

4-1/2" Diameter

WHR-7017-RO



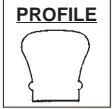
Up Easing

WHR-7012-RO



Over Easing

WHR-7013-RO



90° Up Easing

WHR-7014-RO



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



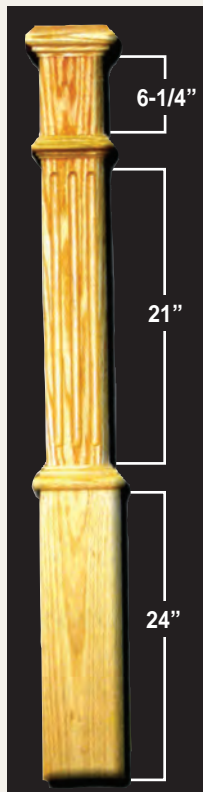
All fittings include connective hardware #RBK-WOOD kit

*** * Also available in Alder, Ash, Birch, Brazilian Cherry, Eastern White Pine, Douglas Fir, Hard Maple, Hickory, Mahogany, Black Walnut & White Oak. * ***

NEWEL POSTS UNFINISHED IN RED OAK

For Use With Our Oak Hand Rail And Fittings

BOX NEWEL

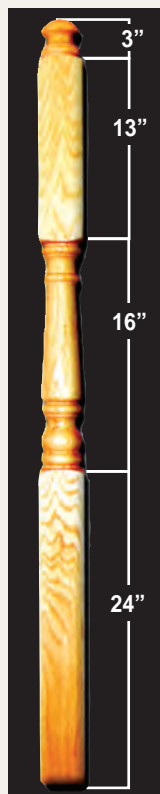


WNP-110-RO

RED OAK
FLUTED
BOX NEWEL
6-1/4" x 6-1/4"
56"



TURNED NEWEL



WNP-104-RO

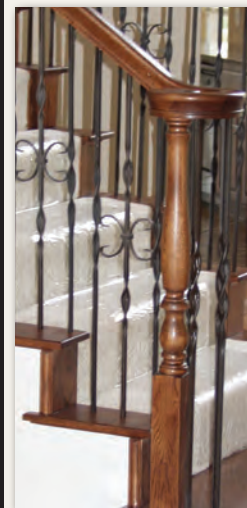
RED OAK
3-1/2" x 3-1/2"
56"

PIN TOP SUPPORT NEWEL



WNP-100-RO

RED OAK
3" x 3"
42"



HAND CRAFTED TUSCAN COLLECTION



Fluted Newel

WNP-FLUTE-RO

Weight: 35 lbs.
Height: 51"
Width: 5-1/2"



Twist Newel

WNP-TWIST-RO

Weight: 35 lbs.
Height: 51"
Width: 5-1/2"



Open Twist Newel

WNP-OPENT-RO

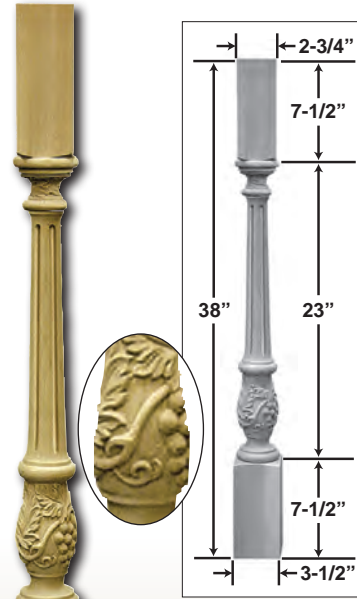
Weight: 35 lbs.
Height: 51"
Width: 5-1/2"

BALUSTERS

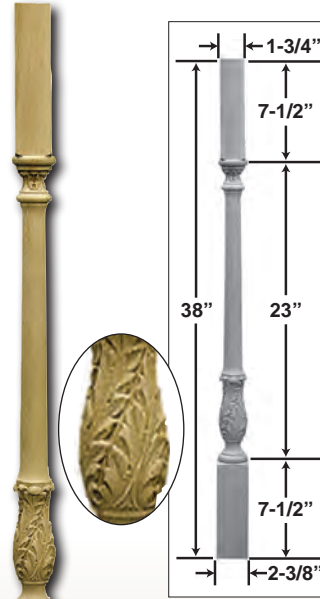
Available in Maple, White Oak and Cherry.



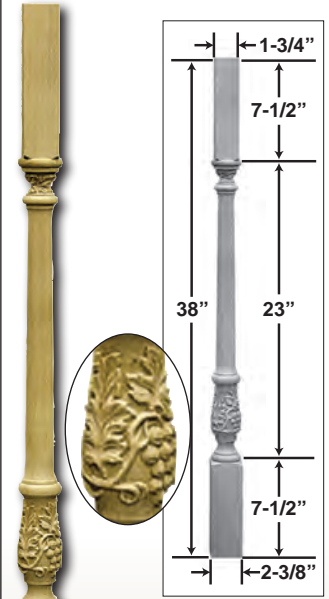
HWBAL-LACN-MP
(Maple)
HWBAL-LACN-WHO
(White Oak)
HWBAL-LACN-CH
(Cherry)



HWBAL-LGRP-MP
(Maple)
HWBAL-LGRP-WHO
(White Oak)
HWBAL-LGRP-CH
(Cherry)



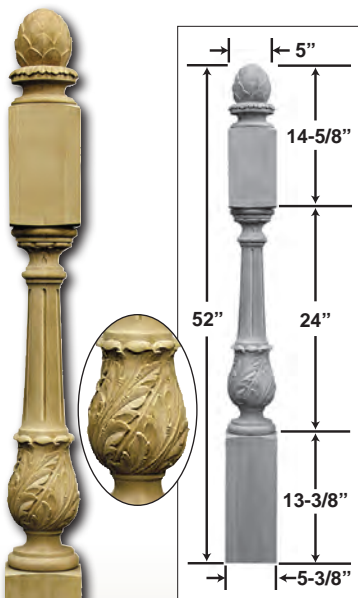
HWBAL-SACN-MP
(Maple)
HWBAL-SACN-WHO
(White Oak)
HWBAL-SACN-CH
(Cherry)



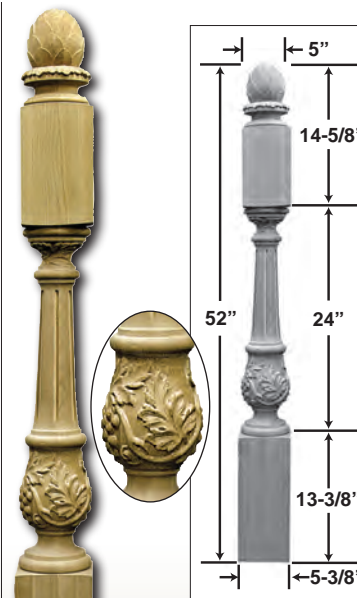
HWBAL-SGRP-MP
(Maple)
HWBAL-SGRP-WHO
(White Oak)
HWBAL-SGRP-CH
(Cherry)

NEWEL POSTS

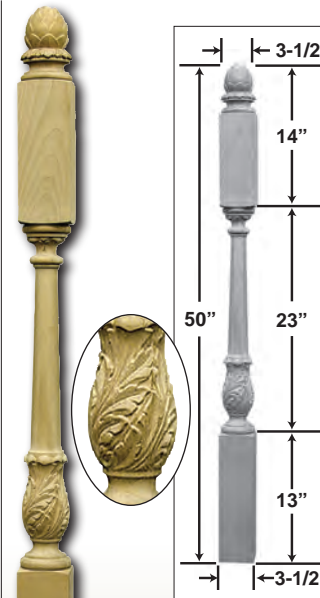
Available in Maple, White Oak and Cherry.



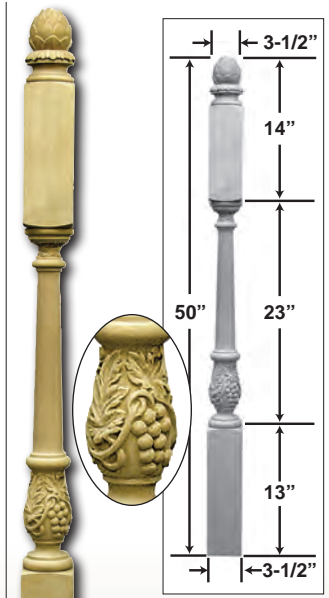
HWNP-LACN-MP
(Maple)
HWNP-LACN-WHO
(White Oak)
HWNP-LACN-CH
(Cherry)



HWNP-LGRP-MP
(Maple)
HWNP-LGRP-WHO
(White Oak)
HWNP-LGRP-CH
(Cherry)



HWNP-SACN-MP
(Maple)
HWNP-SACN-WHO
(White Oak)
HWNP-SACN-CH
(Cherry)



HWNP-SGRP-MP
(Maple)
HWNP-SGRP-WHO
(White Oak)
HWNP-SGRP-CH
(Cherry)

POWDER COATED WROUGHT IRON BALUSTERS & FITTINGS

Regal Collection


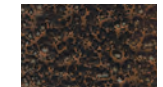

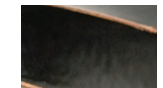

9/16" X 44" H ROUND SMOOTH BALUSTERS

 <p>PCNP-100- NEWEL POST</p> <p>18-1/2" 3"</p> <p>1-3/16" Diameter 47" Height 1 per box Wt. 18 lbs. per piece</p>	 <p>PCB-200-</p> <p>18" 12"</p> <p>15 per box Wt. 2.7 lbs. per piece</p>	 <p>PCB-201-</p> <p>12"</p> <p>15 per box Wt. 3 lbs. per piece</p>	 <p>7" 12" 6"</p> <p>10 per box Wt. 4 lbs. per piece</p>	 <p>7" 15-1/2"</p> <p>5 per box Wt. 5 lbs. per piece</p>	 <p>PCB-204-</p> <p>15 per box Wt. 2.7 lbs. per piece</p>
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Shown: PCB-202-, PCB-201-, WHR-6010-RO & WNP-110-RO (Acorn finial not included)




COLOR SAMPLES

 <p>Satin Black (SB)</p>	 <p>Copper Vein (CV)</p>
 <p>Antique Nickel (AN)</p>	 <p>Oil Rubbed Copper (ORC)</p>
 <p>Oil Rubbed Bronze (ORB)</p>	

NOTE: Due to photographic imaging, products may vary slightly in color. Color samples available. Please specify color choice.

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



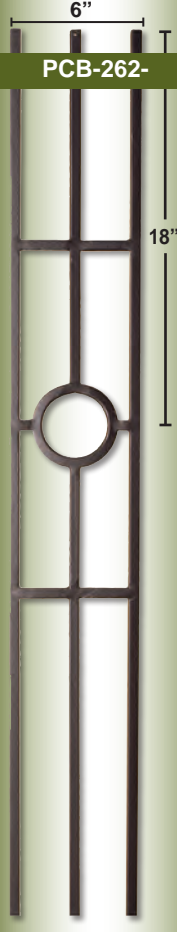
POWDER COATED SHOES

 <p>PCSH-302- 9/16" Rd. Opening 50 per box Wt. .05 lbs. per pc.</p>	 <p>PCSH-314- 9/16" Rd. Opening (Adjustable Knuckle with Round Opening and Set Screw) 50 per box Wt. .15 lbs. per pc.</p>	 <p>PCSH-303- 9/16" Rd. Opening (Pitch Shoe with Set Screw) 50 per box Wt. .10 lbs. per pc.</p>
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POWDER COATED WROUGHT IRON BALUSTERS & FITTINGS

Regal Collection

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

 <p>PCB-260-</p> <p>18"</p> <p>3" I.D. 4" O.D.</p> <p>10 per box Wt. 3.4 lbs. per piece</p>	 <p>PCB-261-</p> <p>9"</p> <p>27"</p> <p>10 per box Wt. 3.6 lbs. per piece</p>	 <p>6"</p> <p>PCB-262-</p> <p>18"</p> <p>3" I.D. Ring 4" O.D. Ring</p> <p>5 per box Wt. 10 lbs. per piece</p>
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INSERTS



PCI-400-



PCI-401-



PCI-402-

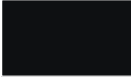


PCI-403-

- All inserts are 4" diameter
- Inserts screw together and set permanently with epoxy adhesive

1 per box

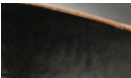
COLOR SAMPLES



Satin Black (SB)



Copper Vein (CV)



Oil Rubbed Copper (ORC)



Antique Nickel (AN)






Oil Rubbed Bronze (ORB)



Vintage Brass (VB)

NOTE: Due to photographic imaging, products may vary slightly in color. Color samples available. Please specify color choice.

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

 <p>PCB-220-</p> <p>15 per box Wt. 3 lbs. per piece</p>	 <p>PCB-271-</p> <p>8-1/2"</p> <p>10 per box Wt. 3.5 lbs. per piece</p>	 <p>PCB-272-</p> <p>8-1/2"</p> <p>5-1/4"</p> <p>8-1/2"</p> <p>10 per box Wt. 3.9 lbs. per piece</p>
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Add color code to the end of each part number when ordering (ex: PCB-260-SB)

POWDER COATED SHOES



PCSH-301-
1/2" Square Opening
50 per box
Wt. .05 lbs.
per pc.

For 1/2" Only



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.



PCSH-400-
9/16" Square Opening
(Shoe with Set Screw)
50 per box
Wt. .05 lbs.
per pc.

For 9/16" Only

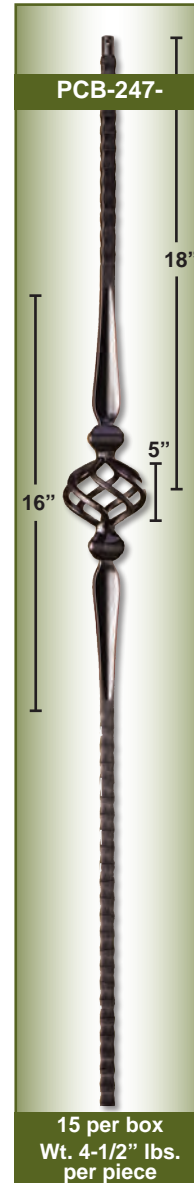


PCSH-401-
9/16" Square Opening
(Pitch Shoe with Set Screw)
50 per box
Wt. .10 lbs.
per pc.

POWDER COATED WROUGHT IRON BALUSTERS & FITTINGS

Regal Collection

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



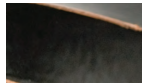
COLOR SAMPLES



Satin Black
(SB)



Copper Vein
(CV)



Oil Rubbed
Copper
(ORC)



Antique
Nickel (AN)



Oil Rubbed
Bronze (ORB)

NOTE: Due to photographic imaging, products may vary slightly in color. Color samples available. Please specify color choice.

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

POWDER COATED SHOES



PCSH-304-
9/16" Square
Opening
(Pitch Shoe with
Set Screw)
50 per box
Wt. .10 lbs. per pc.



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



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

POWDER COATED WROUGHT IRON BALUSTERS & FITTINGS

Regal Collection

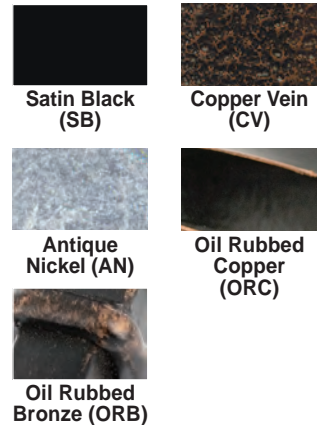
9/16" X 44" H SQUARE HAND FORGED BALUSTERS

<p>PCNP-104-</p> <p>NEWEL POST</p> <p>6-1/2"</p> <p>1" Square 47" Height 1 per box Wt. 18 lbs. per piece</p>	<p>PCB-218-</p> <p>3-7/8"</p> <p>10 per box Wt. 4 lbs. per piece</p>	<p>PCB-219-</p> <p>21"</p> <p>10 per box Wt. 4.5 lbs. per piece</p>	<p>PCB-220-</p> <p>15 per box Wt. 3 lbs. per piece</p>	<p>PCNP-105-</p> <p>NEWEL POST</p> <p>7"</p> <p>1" Square 47" Height 1 per box Wt. 18 lbs. per piece</p>	<p>PCB-221-</p> <p>5"</p> <p>10 per box Wt. 4 lbs. per piece</p>	<p>PCB-222-</p> <p>19-1/2"</p> <p>10 per box Wt. 5.5 lbs. per piece</p>
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Shown:
PCB-221-, PCB-222-,
WHR-6010-RO, WNP-110-RO
(Acorn finial not included)

COLOR SAMPLES



NOTE: Due to photographic imaging, products may vary slightly in color. Color samples available. Please specify color choice.

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

POWDER COATED SHOES

 <p>PCSH-304- 9/16" Square Opening (Pitch Shoe with Set Screw) 50 per box Wt. .10 lbs. per pc.</p>	 <p>PCSH-307- 9/16" Square Opening (Shoe with Set Screw) 50 per box Wt. .05 lbs. per pc.</p>	 <p>PCSH-310- 9/16" Square Opening 50 per box Wt. .05 lbs. per pc.</p>
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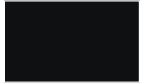
POWDER COATED WROUGHT IRON BALUSTERS & FITTINGS

Regal Collection

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

PCB-212-	PCB-213-	PCB-214-	PCB-215-	PCB-216-	PCB-217-	PCB-220-
15 per box Wt. 4 lbs. per piece	10 per box Wt. 3.5 lbs. per piece	10 per box Wt. 3.5 lbs. per piece	10 per box Wt. 3.8 lbs. per piece	10 per box Wt. 3.5 lbs. per piece	10 per box Wt. 3.8 lbs. per piece	15 per box Wt. 3 lbs. per piece

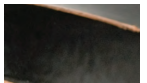
COLOR SAMPLES



Satin Black
(SB)



Copper Vein
(CV)



Oil Rubbed
Copper
(ORC)



Antique
Nickel (AN)



Oil Rubbed
Bronze (ORB)

NOTE: Due to photographic imaging, products may vary slightly in color. Color samples available. Please specify color choice.

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

POWDER COATED SHOES



PCSH-304-
9/16" Square
Opening
(Pitch Shoe with
Set Screw)
50 per box
Wt. .10 lbs. per pc.



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



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

POWDER COATED WROUGHT IRON BALUSTERS & FITTINGS

Regal Collection

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

<p>PCNP-107-</p> <p>NEWEL POST</p> <p>11-1/2"</p> <p>1-3/16" Square 48" Height 1 per box Wt. 19 lbs. per piece</p>	<p>PCB-232-</p> <p>10"</p> <p>15 per box Wt. 3.2 lbs. per piece</p>	<p>PCB-233-</p> <p>6"</p> <p>15 per box Wt. 3 lbs. per piece</p>	<p>PCB-234-</p> <p>6-1/2"</p> <p>2-1/2"</p> <p>5-1/4"</p> <p>6-1/2"</p> <p>10 per box Wt. 3.2 lbs. per piece</p>	<p>PCB-235-</p> <p>18"</p> <p>10 per box Wt. 3.2 lbs. per piece</p>	<p>PCB-236-</p> <p>6"</p> <p>18"</p> <p>6-1/2"</p> <p>4"</p> <p>10 per box Wt. 4 lbs. per piece</p>	<p>PCB-237-</p> <p>6"</p> <p>9-3/4"</p> <p>10-1/2"</p> <p>4"</p> <p>10 per box Wt. 4 lbs. per piece</p>
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Shown: PCB-232-, PCB-236-, WHR-7030-RO & WHR-6010-RO

COLOR SAMPLES

<p>Satin Black (SB)</p>	<p>Copper Vein (CV)</p>
<p>Antique Nickel (AN)</p>	<p>Oil Rubbed Copper (ORC)</p>
<p>Oil Rubbed Bronze (ORB)</p>	

NOTE: Due to photographic imaging, products may vary slightly in color. Color samples available. Please specify color choice.

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

POWDER COATED SHOES

<p>PCSH-301- 1/2" Square Opening 50 per box Wt. .05 lbs. per pc.</p>	<p>PCSH-305- 1/2" Square Opening (with Set Screw) 50 per box Wt. .05 lbs. per pc.</p>	<p>PCSH-306- 1/2" Square Opening (Pitch Shoe with Set Screw) 50 per box Wt. .10 lbs. per pc.</p>
<p>PCSH-311- 1/2" Square Opening 50 per box Wt. .5 lbs. per pc.</p>	<p>PCSH-312- 1/2" Square Opening 50 per box Wt. .5 lbs. per pc.</p>	

POWDER COATED WROUGHT IRON BALUSTERS & FITTINGS

Regal Collection

1/2" SQUARE PLAIN BAR BALUSTERS

PCB-243-	PCB-248-	PCB-249-	PCB-250-
44" 5 per box Wt. 8 lbs. per piece	40" H 10 per box Wt. 4 lbs. per piece	40" H 10 per box Wt. 4 lbs. per piece	40" H 10 per box Wt. 4 lbs. per piece

COLOR SAMPLES

- Satin Black (SB)
- Copper Vein (CV)
- Oil Rubbed Copper (ORC)
- Antique Nickel (AN)
- Oil Rubbed Bronze (ORB)
- Vintage Brass (VB)

NOTE: Due to photographic imaging, products may vary slightly in color. Color samples available. Please specify color choice.

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

PCB-205-	PCB-206-	PCNP-102-	PCB-210-	PCB-211-
9/16" 15 per box Wt. 3.5 lbs. per piece	9/16" 15 per box Wt. 4 lbs. per piece	1" Diameter 47" Height 1 per box Wt. 18 lbs. per piece	9/16" 15 per box Wt. 2.5 lbs. per piece	9/16" 15 per box Wt. 3 lbs. per piece

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

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 Wt. .10 lbs. per pc.
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ROUND POWDER COATED SHOES

PCSH-500- 9/16" Round Opening (Shoe with Set Screw) 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.
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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 on top.



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

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



**PCA-TUP-SB
Satin Black *
Touch Up Pen**
** Touch up paints
available in Black only*



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

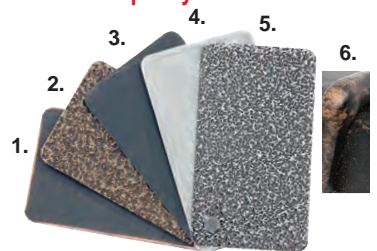
NOTE REGARDING SHOES: Optional shoes are often loose fitting around the balusters due to size tolerances created by the forged nature of the iron. Shoes do not secure the balusters in place, they are an optional decorative element. In addition to the set screw, a bead of epoxy can be used to secure them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

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 marble 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 Steel

Wrought Iron Railings, Gate & Grille Components



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.





“UNFINISHED” ROUND FORGED BALUSTERS

WI-500/2
Mtl 1/2" Dia.
HAMMERED ROUND
39-1/2" H
Wt. 2.5 lbs.

WI-499/1
Mtl 1/2" Dia.
39-1/2"H
Wt. 2 lbs.

WI-499/1L
Mtl 1/2" Dia.
47"H
Wt. 3 lbs.

1-3/8" Dia.

1/2"

NEWEL POST

WI-497/1
Mtl 1/2" Dia.
35-7/16"H
Wt. 2.2 lbs.

WI-497/1L
Mtl 1/2" Dia.
47"H
Wt. 3 lbs.

WI-112/11
Mtl 1-3/16" Sq.
47"H
Wt. 14.3 lbs.

WI-497/2
Mtl 1/2" Dia.
35-7/16"H
Wt. 2.7 lbs.

NEWEL POST

WI-112/5
Mtl 1" sq.
47-1/4"H
Wt. 12.5 lbs.

WI-109/3
Mtl 9/16" Sq.
35-7/16"H,
Wt. 4.1 lbs.

WI-109/3L
Mtl 1-3/16" Sq.
47"H,
Wt. 3 lbs.

TAPERED

NEWEL POST

(Match for WI-98/1)

Fully Hand-Forged

WI-797/2
Mtl 1-3/16" Dia.
47"H
Wt. 11.5 lbs.

1-3/16"

7/8"

1/2"

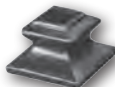


SHOES

PCSH-302-MP
9/16" Round Opening
Wt. .25 lbs.



WI-SHOE03
9/16" hole
1-9/16" x 1-3/32"



WI-SHOE819/1
For Newel Post
2-3/8" Sq.
1-3/16" x 1-3/16" hole
Wt. 1 lb.



PCSH-315-MP
1/2" Round Opening
Wt. .25 lbs.

WI-SHOE05
9/16" hole
1-3/16" x 2" (pitch shoe)



PCSH-303-MP
9/16" Round Opening
(Pitch Shoe with Set Screw)
Wt. .30 lbs.

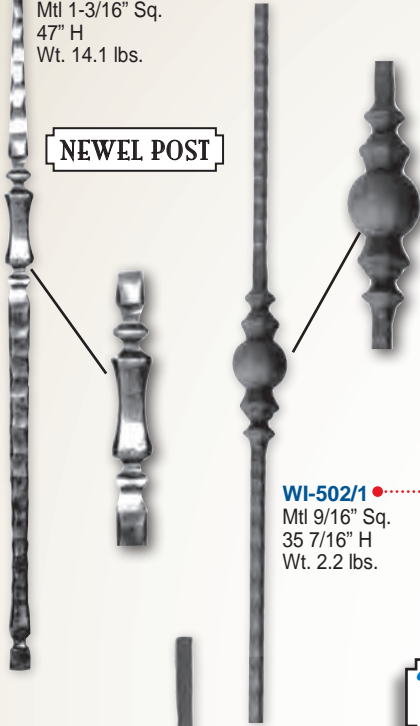




“UNFINISHED” SQUARE HEAVILY HAMMERED BALUSTERS

WI-112/9
Mtl 1-3/16" Sq.
47" H
Wt. 14.1 lbs.

NEWEL POST



WI-502/1
Mtl 9/16" Sq.
35 7/16" H
Wt. 2.2 lbs.



“UNFINISHED” BALUSTERS

WI-118/H/1
Mtl 1/2" Sq.
35 7/16" H
Wt. 3 lbs.

WI-52/2
Mtl 1/2" Sq.
9-1/4"W
35-7/16"H
Wt. 5.5 lbs.

Good match
WI-118/H/1
WI-118/H/2



WI-118/H/2
Mtl 1/2" Sq.
35 7/16" H
Wt. 3 lbs.



WI-70/D/5
Mtl 9/16" Sq.
35-7/16"H
Depth 8-1/2"
Wt. 3.4 lbs.

PLAIN

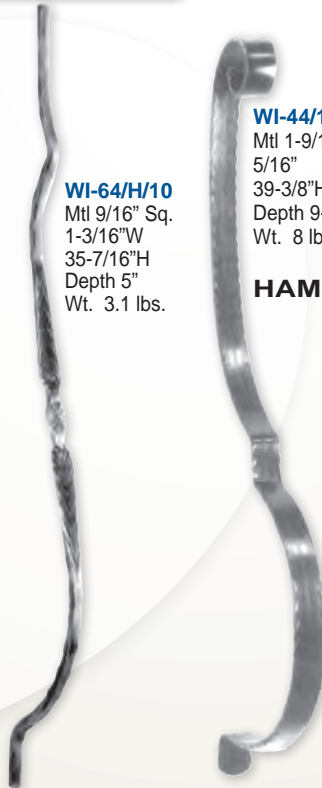


Depth to face

WI-64/H/10
Mtl 9/16" Sq.
1-3/16"W
35-7/16"H
Depth 5"
Wt. 3.1 lbs.

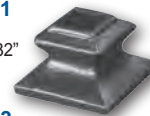
WI-44/12
Mtl 1-9/16" x
5/16"
39-3/8"H
Depth 9-1/4"
Wt. 8 lbs.

HAMMERED



SHOES

WI-SHOE01
1/2" hole
1-9/16" x 1-3/32"



WI-SHOE02
1/2" hole
1-3/8" x 2" (pitch shoe)



WI-SHOE03
9/16" hole
1-9/16" x 1-3/32"

WI-SHOE05
9/16" hole
1-3/16" x 2" (pitch shoe)



WI-SHOE819/1 For Newel Post
2-3/8" Sq.
1-3/16" x 1-3/16" hole
Wt. 1 lb.



“UNFINISHED” SQUARE HEAVILY HAMMERED BALUSTERS



WI-64/F/1
Mtl 1" sq.
47"H
Wt. 13 lbs.

(Match for WI-64/F/3, WI-64/F/5, WI-64/G/2)

NEWEL POST

WI-64/F/3
Mtl 9/16" Sq.
35-7/16"H
Wt. 3 lbs.

WI-64/F/3L
Mtl 9/16" Sq.
47"H
Wt. 3 lbs.

WI-64/F/5
Mtl 9/16 Sq.
35-7/16"H
Wt. 3 lbs.

WI-64/F/5L
Mtl 9/16 Sq.
47"H
Wt. 3 lbs.

WI-64/G/2
Mtl 9/16" Sq.
8-7/8" W
35-7/16" H
Wt. 6 lbs.

“UNFINISHED” ROUND STAMPED BALUSTERS

WI-801/5

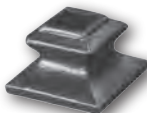
Round

NEWEL POST

SHOES

For Square Heavily Hammered Balusters

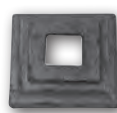
WI-SHOE03
9/16" hole
1-9/16" x 1-3/32"



WI-SHOE05
9/16" hole
1-3/16" x 2" (pitch shoe)

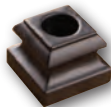


WI-SHOE1
1" hole
3" Sq.
Wt. 1 lb.



For Round Stamped Baluster

PCSH-302-MP
9/16" Round Opening
Wt. .25 lbs.



PCSH-303-MP
9/16" Round Opening
(Pitch Shoe with Set Screw)
Wt. .30 lbs.





"UNFINISHED" SQUARE HEAVILY HAMMERED BALUSTERS

WI-112/10
Mtl 1-3/16" Sq.
47"H
Wt. 14.3 lbs.

NEWEL POST

WI-108/A/2
Mtl 1/2" Sq.
35-7/16"H
Wt. 3.5 lbs.

NEWEL POST

WI-112/7
Mtl 1" sq.
47"H
Wt. 14.5 lbs.
**FULLY
HAND
FORGED**



2-1/4"



WI-105/4
Mtl 5/8" Sq.
35-1/2" H
Wt. 4 lbs.

WI-108/A/1
Mtl. 1/2" Sq.
35-7/16"H
Wt. 3.7 lbs.

4"
7"

WI-105/1
Mtl 1/2" Sq.
39-7/16"H
Wt. 3.3 lbs.

WI-105/1L
Mtl 1/2" Sq.
47"H
Wt. 4 lbs.

WI-105/2
Mtl 1/2" Sq.
39-7/16"H
Wt. 3 lbs.

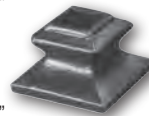
WI-105/2L
Mtl 1/2" Sq.
47"H
Wt. 4 lbs.

WI-105/4L
Mtl 5/8" Sq.
47" H
Wt. 5 lbs.

SQUARE BAR
(4 faces & corners)

SHOES

WI-SHOE01
1/2" hole
1-9/16" x 1-3/32"



WI-SHOE03
9/16" hole
1-9/16" x 1-3/32"

WI-SHOE02
1/2" hole
1-3/8" x 2" (pitch shoe)



WI-SHOE12
1/2" hole
1-1/2" Sq., Wt. 1 lb.

WI-SHOE1
1" hole
3" Sq., Wt. 1 lb.

WI-SHOE05
9/16" hole
1-3/16" x 2" (pitch shoe)

WI-SHOE58
9/16" hole
1-1/2" Sq., Wt. 1 lb.





"UNFINISHED" SQUARE BASKET BALUSTERS



WI-48/2
Mtl 1/2" Sq.
2-3/16"W
35-7/16"H
Wt. 2.4 lbs.

WI-48/2L
Mtl 1/2" Sq.
2-3/16"W
47"H
Wt. 3 lbs.

PLAIN

NEWEL POST

WI-113/1
Mtl 3/4" sq.
43-5/16"H
Wt. 8 lbs.

WI-113/2
Mtl 1-3/16" sq.
43-5/16"H
Wt. 18 lbs.

Plain
(Match for WI-48/1,
WI-48/2)

6-1/4"

WI-48/1
Mtl 1/2" Sq.
2-3/16"W
35-7/16"H
Wt. 2.6 lbs.

WI-48/1L
Mtl 1/2" Sq.
2-3/16"W
47"H
Wt. 3 lbs.

PLAIN

WI-48/3
Mtl 1/2" Sq.
35-7/16"H
Wt. 2.6 lbs.

WI-48/3L
Mtl 1/2" Sq.
47"H
Wt. 4 lbs.

HAMMERED

12"

6-1/4"

5"

WI-113/3
Mtl 3/4" sq.
43-5/16"H
Wt. 8 lbs.

WI-48/4
Mtl 1/2" Sq.
35-7/16"H
Wt. 2.4 lbs.

NEWEL POST

WI-113/4
Mtl 1-3/16" sq.
43-5/16"H
Wt. 20 lbs.

WI-48/4L
Mtl 1/2" Sq.
47"H
Wt. 4 lbs.

HAMMERED

HAMMERED
(Match for WI-48/3,
WI-48/4)

Single Twist
WI-65-8
35-1/2" L
Wt. 2 lbs.

**1/2" SQUARE
SOLID PICKETS
WITH TWIST
PATTERN**

Double Twist
WI-53-3
35-1/2" L
Wt. 2 lbs.

SHOES

WI-SHOE01
1/2" hole
1-9/16" x 1-3/32"



WI-SHOE02
1/2" hole
1-3/8" x 2"
(pitch shoe)



WI-SHOE819/1
For Newel Post
2-3/8" Sq.
1-3/16" x
1-3/16" hole
Wt. 1 lb.





"UNFINISHED" STAIR & RAIL BALUSTERS



WI-597/3
Mtl 9/16" Sq.
35 7/16" H
Wt. 3 lbs.

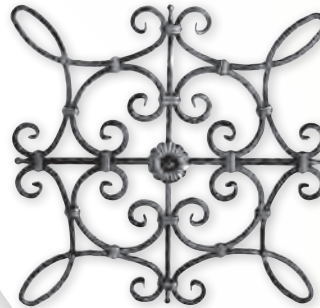
WI-597/3L
Mtl 9/16" Sq.
47" H
Wt. 4 lbs.

HAMMERED EDGES



WI-2017/2
Mtl 1/2" Sq.
15-1/8" W
35-7/16" H
Ring is 4" I.D.
5" O.D.
Wt. 10 lbs.

◆ **ALL HAMMERED BARS** ◆



WI-480/1
Mtl 1/2" Sq.
26" W x 26" H
Wt. 23 lbs.



WI-51/3
Mtl 1/2" Sq.
11-13/16"W
35-7/16"H
Wt. 9 lbs.

PLAIN BAR



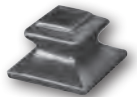
"UNFINISHED" SQUARE PLAIN BAR BALUSTER

WI-70/D/1
Mtl 9/16" Sq.
35-7/16"H
Wt. 3 lbs.

WI-70/D/1L
Mtl 9/16" Sq.
47"H
Wt. 3 lbs.

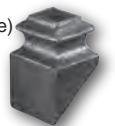
SHOES

WI-SHOE01
1/2" hole
1-9/16" x 1-3/32"



WI-SHOE03
9/16" hole
1-9/16" x 1-3/32"

WI-SHOE02
1/2" hole
1-3/8" x 2" (pitch shoe)



WI-SHOE05
9/16" hole
1-3/16" x 2" (pitch shoe)



"UNFINISHED" STAIR & RAIL BALUSTERS

◆ ALL PLAIN BARS ◆

WI-1051/1
Mtl 1/2" Sq.
7-5/16"W
39-1/2"H
Wt. 4 lbs.

WI-1051/3
Mtl 1/2" Sq.
5-7/8"W
39-1/2"H
Wt. 4 lbs.



WI-540/2
Mtl 1/2" Dia.
9 7/8" W
28 3/8" H
Round
Wt. 5 lbs.

◆ ROUND PLAIN BARS ◆



WI-1051/5
Mtl 1/2" x 1/4"
7-1/4"W
25-5/8"H
Wt. 3.5 lbs.

*(Small scroll is
WI-92/B/4
see page 936)*

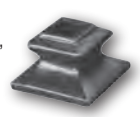
FLAT MATERIAL

WI-62/1
Mtl 3/4"x1/4" Dia.
9-1/4"W
28-3/8"H
Wt. 5.2 lbs.

WI-2009/2
Mtl 9/16" Dia.
13-1/2" W
35-7/16" H
Wt. 12 lbs.

SHOES

WI-SHOE01
1/2" hole
1-9/16" x 1-3/32"



WI-SHOE02
1/2" hole
1-3/8" 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-1309/2
Mtl 1/2" Round
4-5/16" W x
17-3/4" H
Wt. 1.9 lbs.

HAND FORGED



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

WI-73/2
Mtl 5/16" Sq.
4-5/16"W
9-1/16"H
Wt. 6 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 935*



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



“UNFINISHED” SCROLLS



WI-80/A/1
 Mtl 1/2"x1/4"
 4-5/16"W
 10-5/8"H
 Wt. .75 lbs.

HAMMERED END
 matches WI-80/A/3



WI-80/A/3
 Mtl 1/2"x1/4"
 2-3/8"W
 4-5/16"H
 Wt. 3 lbs.

WI-80/A/9
 Mtl 1/2"x1/4"
 2-3/4"W
 4-1/8"H
 Wt. 4 lbs.

WI-80/A/12
 Mtl 1/2"x1/4"
 2-3/4"W
 7-1/2"H
 Wt. 5 lbs.

WI-80/A/10
 Mtl 1/2"x1/4"
 3-3/4"W
 5-1/2"H
 Wt. 5 lbs.

WI-80/A/11
 Mtl 1/2"x1/4"
 2-9/16"W
 6"H
 Wt. 4 lbs.



"UNFINISHED" SCROLLS

ROUND MATERIAL



WI-94/C/11
Right hand
Mtl 1/2" Dia.
13" W x 1
4-9/16" H
Wt. 3.5 lbs.

Blow up Of WI-94

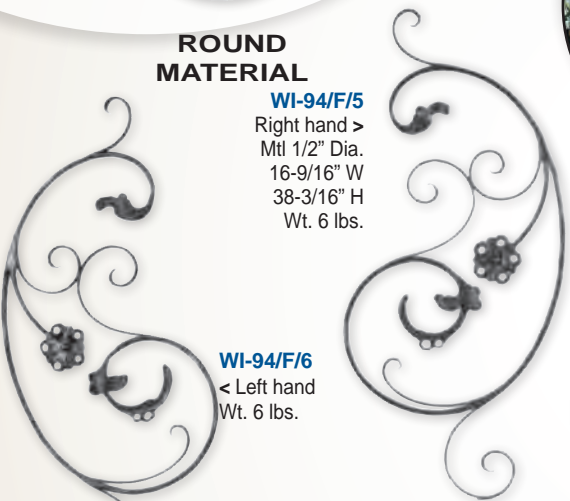


WI-94/C/12
Left hand
Wt. 3.5 lbs.



WI-715/1
Mtl 1/2" Dia.
HAMMERED ROUND
22-13/16" W
34-5/8" H
Left
Wt. 14 lbs

ROUND MATERIAL



WI-94/F/5
Right hand >
Mtl 1/2" Dia.
16-9/16" W
38-3/16" H
Wt. 6 lbs.

WI-715/2
Mtl 1/2" Dia.
HAMMERED ROUND
22-13/16" W
34-5/8" H
Right
Wt. 14 lbs.

WI-94/F/6
< Left hand
Wt. 6 lbs.

Flat Material
WI-52/1
Mtl 1/2" x 1/4"
13-3/4" W x
34-1/4" H
Wt. 5.5 lbs.

Plain Bar

*(Small scroll is WI-92/B/4
See page 936)*

Note for WI-52/1:
If necessary, matching "c" scrolls are available and can be easily added to meet local code requirements. (use WI-92/B/4).



WI-1280/1
Mtl 13/16" x 1/4"
35-7/16" H x 11-13/16" W
Wt. 7 lbs.



WI-1279/4
Mtl 13/16" x 1/4"
9-1/4" W x 28-3/8" H
Wt. 4 lbs.



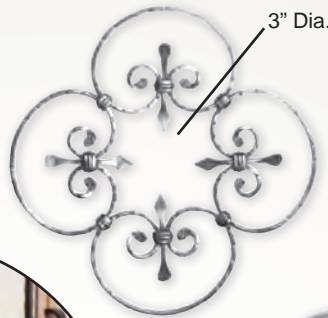


"UNFINISHED" ROSETTES



WI-1010/3
Mtl 1/2" Sq.
11-7/16" Dia.
Wt. 5 lbs.

9-7/8"



WI-24/2
Mtl 3/8" x 3/16"
15" Dia.
Wt. 4 lbs.



WI-1010/2
Mtl 1/2" Sq.
17-1/2" Dia.
Wt. 6.6 lbs.

13-3/4"



HAMMERED BAR

WI-26/C/1
Mtl 1/2" Sq.
16-5/8" W
20-5/8" H
Wt. 10 lbs.
floral element on one side only

**UNBREAKABLE
SNAP-ONS FOR
1/2" BAR OR TUBE**



WI-24/3
Mtl 1/2"
23-5/8" Dia.
Wt. 13 lbs.

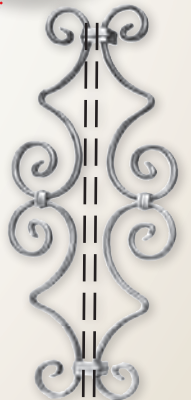


WI-37/3
Mtl 1/2"x1/4"
3-3/4"W
3-3/4"H
Wt. 1 lbs.



WI-35/2
Mtl 1/2"x1/4"
7-7/8"W
13-9/16"H
Wt. 2 lbs.

WI-35/1
Mtl 1/2"x1/4"
8-1/16"W
17-1/2"H
Wt. 3 lbs.



Open at the back for easy application!



“UNFINISHED” FINIALS, SPEAR POINTS, SPHERE & FLOWERS

FINIALS

◆ **FORGED** ◆



WI-113/9
3" Dia.



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



SPEAR POINTS

◆ **HOT STAMPED** ◆



WI-124/1
Mtl 1/2" Base
5"H



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



SPHERE

◆ **HOT STAMPED** ◆



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

WI-116/F/3
1-3/16" Dia.

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

WI-116/F/2
1" Dia.

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

HAND FORGED FLOWERS



WI-138/2
14 Gauge
2-3/8" Dia.
3/16" H,



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.



WI-94/B/3
Mtl 1/8"
4-1/2" W x
8-5/8" H



"UNFINISHED" END PIECES FOR HANDRAILS

WI-114/B/13
To be used with
114/A/3 handrail
6"H
Wt. 5 lbs.

WI-114/B/14
To be used with
114/A/3 handrail
11-1/2"H
Wt. 4 lbs.

"UNFINISHED" RAILINGS

The choice of handrail is as important as the balusters!
Any of these rails work beautifully with our balusters and scrolls.



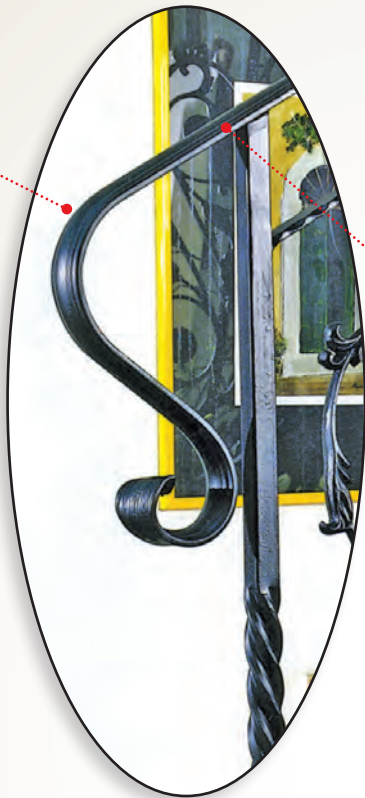
WI-812/12
To be used with
handrail WI-MCR/112
11-3/4"H
Wt. 6 lbs.



WI-114/A/3
Mtl 1-7/8"x5/8"
Length 120"
Wt. 17 lbs.



WI-MCR
Steel handrail to fit 1" channel
or tubing, Length 20'
Wt. 26 lbs.



WI-MCR/112
Wide steel handrail
Wide series for 1-1/2" channel,
flat or tube, Length 20'
Wt. 42 lbs.

WI-116/10
To be used with
handrail 114/5
5-7/8"H
Wt. 5 lbs.



WI-114/5
Mtl 5/16"
1-9/16" W
Length 118-1/8"
Wt. 17 lbs.



WI-114/8
Mtl 5/16"
1-9/16"W
Length of bar 118-1/8"
Wt. 17 lbs.



“UNFINISHED” BARS & TUBES

HOT PIERCED BARS



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

Works With
WI-599/4



P

◆ **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

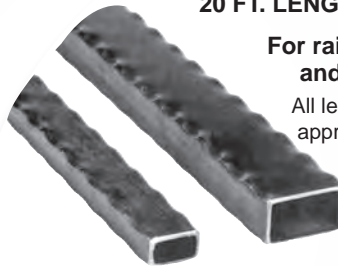


PART #	DESCRIPTION	WEIGHT
WI-118-3	5/8" Square	30 lbs.
WI-118-5	3/4" Square	38 lbs.
WI-118-6	1" Square	68 lbs.

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 #	DESCRIPTION	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.



WROUGHT IRON DECORATIVE ELEMENTS



"UNFINISHED" STEEL - 250 FT. ROLLS (Sold in Full Rolls Only)

PART #	APPROXIMATE WIDTH
FM5584-ST	1-7/8"
FM8312-1-ST	3-1/2"

Clear coating should be applied.



FM5584-ST 1-7/8"W



FM8312-1-ST 3-1/2"W

SOME ITEMS SHOWN ARE ALSO AVAILABLE IN BRASS PLEASE INQUIRE - 250 FT. MINIMUM APPLIES



Shown: FM8312-1-ST

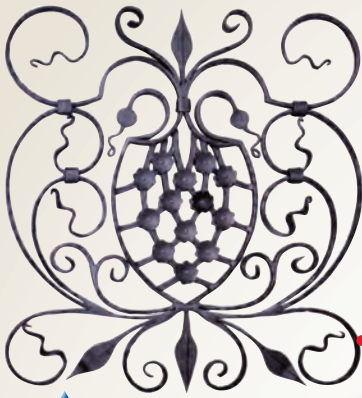


* A 250 piece minimum may apply. Please Inquire.

"UNFINISHED" .020 THICK PRESSED SHEET METAL LEAVES & FLOWERS

- * FM10314-ST
1-3/8"W
1-3/4"H
- * FM10608-ST
1-1/2"W
3-1/16"H
- * FM10648-ST
2-1/4"W
4-1/2"H
- * FM2219-ST
1-1/4"W
3-1/8"H
- * WI-138/11
3" W
2-3/4"H
- * WI-136/7
1-1/2" Dia.
1-9/16"H
- * FM6416-ST
1-5/8"W
3-1/8"H
- * WI-138/4
14 Gauge
3-9/16" Dia.
3/8" H
- * WI-136/3
Mtl 1/8"
2-3/4" W x
2-3/8"H
Right hand
- * WI-136/4
Left hand
Stamped
- * FM11157-ST
2-7/8"W
9"H
- * FM12045-ST
14 Gauge
3-3/4"W
6-3/4 H

WROUGHT IRON DECORATIVE PANELS



WI-001

31-1/2" W approx.
33-15/32" H approx.
Wt: 48.1 lbs.



WI-004

30-5/16" W approx.
40-35/64" H approx.
Wt: 35.3 lbs.

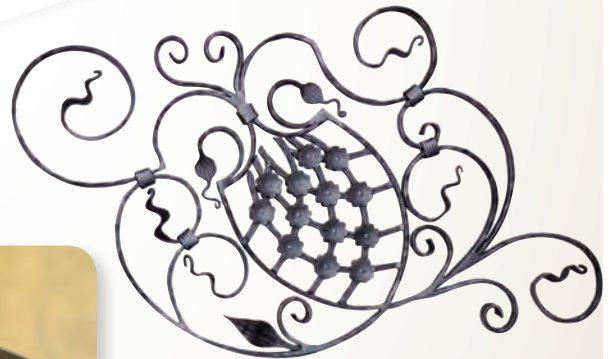
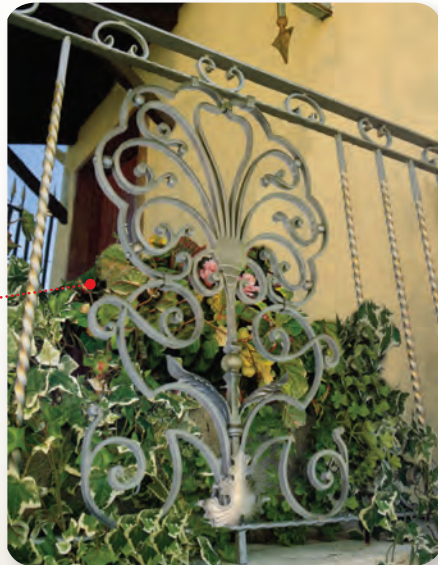
WI-005

55-21/64" W approx.
26-3/8" H approx.
Wt: 34 lbs.



WI-0012

24-1/64" W approx.
36-39/64" H approx.
Wt: 36.8 lbs.



WI-002

31-7/64" W approx.
30-5/16" H approx.
Wt: 40.8 lbs.

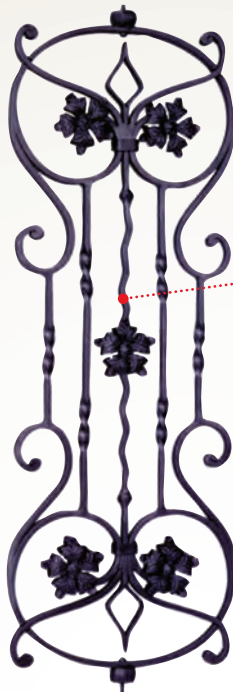
WROUGHT IRON DECORATIVE PANELS



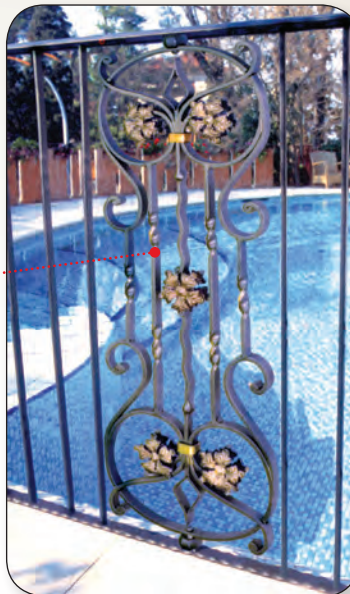
WI-0016
 10-5/8" W approx.
 39-3/8" H approx.
 Wt: 12.3 lbs.



WI-0018
 13" W approx.
 36-7/32" H approx.
 Wt: 17 lbs.



WI-0017
 13" W approx.
 37-13/64" H approx.
 Wt: 16.7 lbs.



WI-61/1
 16-7/8" W approx.
 39-1/2" H approx.
 Wt: 23.8 lbs.



WI-212/1
 16-1/2" W approx.
 39-1/2" H approx.
 Wt: 21.6 lbs.

WI-1281/1
 51-3/16" W approx.
 17-1/2" H approx.
 Wt: 14.7 lbs.



Keel Klamp® & Keel Lite® Railings & Fittings

Keel Klamp®

- Material: Malleable Iron.
- Heavier material more suitable for extreme conditions & heavy duty applications.
- Non-corrosive.
- Recessed set screws.
- To be used with 1-1/4" or 1-1/2" pipe sizes.

Keel Klamp fittings are suitable for heavy duty environments. Strength and total reliability ensure security and safety.

Keel Klamp fittings are ideal for residential applications, providing the perfect blend of practicality and attractive appearance.



Retail & Display



Residential



Industrial & Commercial

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
 Schedule 40 1-1/2" = 1.90" OD

Hex Key

The only tool needed to build with Keel Lite/ Keel Klamp fittings is a simple hex key.



FOR PIPE SIZES

PART #	A/F
KK99-7	1-1/4" & 1-1/2" 5/16"

Keel Lite®

- Material: Schedule 40 Aluminum Pipe.
- Lightweight.
- For a stylish, sleek design.
- Hidden set screws for smooth aesthetics.
- Non-corrosive.
- To be used with 1-1/4" or 1-1/2" pipe sizes.

Keel 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.



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



Keel Klamp® Schedule 40 Steel Pipe

Galvanized Finish - 7 Ft. Lengths

Keel Klamp fittings are produced in a range of standard sizes to suit Schedule 40 steel pipe, galvanized finish. Tubing of other specifications can be used, providing the outside diameter is compatible with Schedule 40 pipe. Pipe with a wall thickness of less than 1/8" can only be used in lightly loaded structures. Recommended set screw torque is 29 lbs. ft.



PART #	NOMINAL BORE	PIPE DIA. O.D.	FITTING I.D.	TUBE DIA. O.D.
KK114-125	1-1/4"	1.66"	1.72"	1-5/8"
KK112-15	1-1/2"	1.90"	1.94"	1-7/8"

Keel Lite® Schedule 40 Aluminum Pipe

Clear Anodized Finish - 6 Ft. Lengths

Keel Lite fittings are produced in a range of standard sizes to suit Schedule 40 aluminum & steel pipe. Tubing of other specifications can be used, providing the outside diameter is compatible with Schedule 40 pipe. Pipe with a wall thickness of less than 1/8" can only be used in lightly loaded structures. Recommended set screw torque is 29 lbs. ft. Larger grub screws to resist thread stripping.



Minimum slip load capacity on aluminum Schedule 40 pipe: 17,000 lbs. (safety factor = 2).
 Minimum material UTS: 33,000 PSI.

PART #	NOMINAL BORE	PIPE DIA. O.D.	FITTING I.D.	TUBE DIA. O.D.
KL114-125	1-1/4"	1.66"	1.72"	1-5/8"
KL112-15	1-1/2"	1.90"	1.94"	1-7/8"

Kee Klamp® & Kee Lite® Railings & Fittings

(NOTE: Pipe shown in *blue or gold* to accentuate the fitting only.
All pipes are available in clear anodized finish only.)



Kee Klamp® Fittings

Single Socket Tee



PART #	FITS PIPE	D	E	WEIGHT
KK10-7-125	1-1/4"	2-3/8"	2-1/8"	1 lb.
KK10-8-15	1-1/2"	2-5/8"	2-3/8"	1.4 lbs.

Straight Coupling



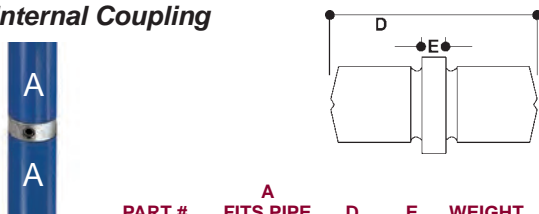
PART #	FITS PIPE	E	WEIGHT
KK14-7-125	1-1/4"	4"	1.2 lbs.
KK14-8-15	1-1/2"	4-1/8"	1.4 lbs.

90° Elbow



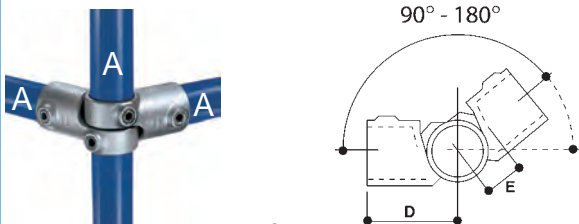
PART #	FITS PIPE	D	WEIGHT
KK15-7-125	1-1/4"	2-3/8"	1.5 lbs.
KK15-8-15	1-1/2"	2-5/8"	1.7 lbs.

Internal Coupling



PART #	FITS PIPE	D	E	WEIGHT
KK18-7-125	1-1/4"	3"	3/4"	.8 lbs.
KK18-8-15	1-1/2"	3-3/4"	3/4"	1.2 lbs.

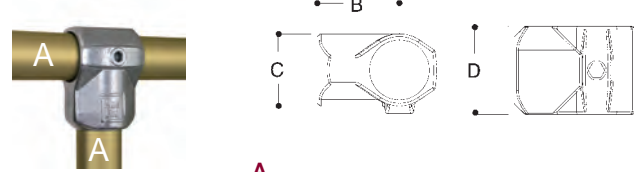
Adjustable (90°-180°) Side Out Tee



PART #	FITS PIPE	D	E	WEIGHT
KK19-7-125	1-1/4"	2-7/8"	1-5/8"	.9 lbs.
KK19-8-15	1-1/2"	3-1/2"	2-3/16"	1.2 lbs.

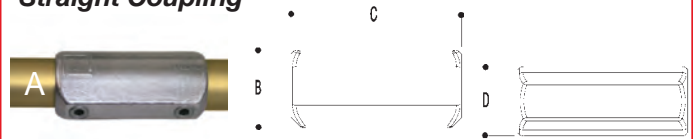
Kee Lite® Fittings

Single Socket Tee



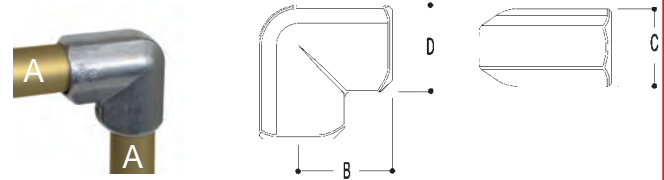
PART #	FITS PIPE	B	C	D	WEIGHT
KL10-7-125	1-1/4"	2.56"	2.09"	2.52"	.44 lb.
KL10-8-15	1-1/2"	2.91"	2.36"	2.76"	.66 lb.

Straight Coupling



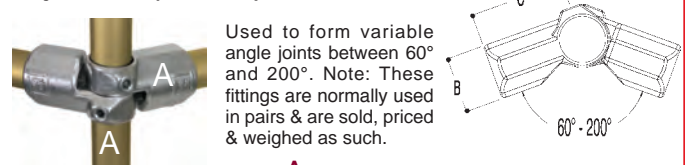
PART #	FITS PIPE	B	C	D	WEIGHT
KL14-7-125	1-1/4"	2.32"	5.12"	2.09"	.73 lb.
KL14-8-15	1-1/2"	2.56"	5.83"	2.36"	.82 lb.

90° Elbow



PART #	FITS PIPE	B	C	D	WEIGHT
KL15-7-125	1-1/4"	2.56"	2.09"	2.32"	.62 lb.
KL15-8-15	1-1/2"	2.91"	2.36"	2.56"	.88 lb.

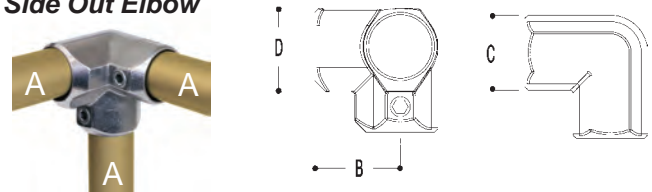
Adjustable (60°-200°) Side Out Tee



Used to form variable angle joints between 60° and 200°. Note: These fittings are normally used in pairs & are sold, priced & weighed as such.

PART #	FITS PIPE	B	C	WEIGHT
KL19-7-125	1-1/4"	2.09"	3.54"	1.28 lbs.
KL19-8-15	1-1/2"	2.36"	3.54"	1.46 lbs.

Side Out Elbow



PART #	FITS PIPE	B	C	D	WEIGHT
KL20-7-125	1-1/4"	2.56"	2.09"	2.32"	.77 lb.
KL20-8-15	1-1/2"	2.91"	2.36"	2.56"	1.10 lbs.

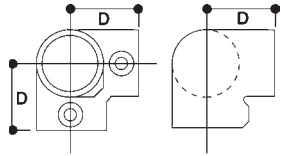
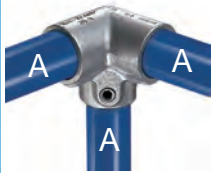


Kee Klamp® & Kee Lite® Railings & Fittings

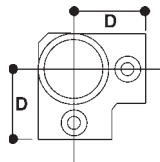
(NOTE: Pipe shown in *blue or gold* to accentuate the fitting only.
All pipes are available in clear anodized finish only.)

Kee Klamp® Fittings

Side Out Elbow

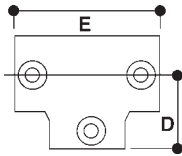
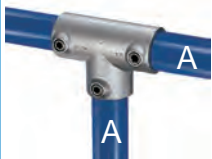


PART #	FITS PIPE	D	WEIGHT
KK20-7-125	1-1/4"	2-3/8"	1.8 lbs.
KK20-8-15	1-1/2"	2-5/8"	2.5 lbs.



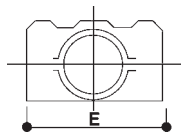
PART #	FITS PIPE	D	WEIGHT
KK21-7-125	1-1/4"	2-3/8"	1.5 lbs.
KK21-8-15	1-1/2"	2-5/8"	1.9 lbs.

Three Socket Tee



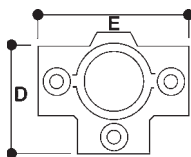
PART #	FITS PIPE	D	E	WEIGHT
KK25-7-125	1-1/4"	2-3/8"	4-3/4"	1.9 lbs.
KK25-8-15	1-1/2"	2-5/8"	5-3/8"	2.4 lbs.

Two Socket Cross



PART #	FITS PIPE	E	WEIGHT
KK26-7-125	1-1/4"	4-3/4"	1.4 lbs.
KK26-8-15	1-1/2"	5-3/8"	1.9 lbs.

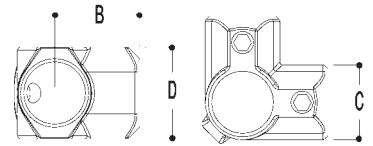
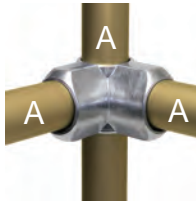
Three Socket Cross



PART #	FITS PIPE	D	E	WEIGHT
KK35-7-125	1-1/4"	2-3/8"	4-3/4"	1.7 lbs.
KK35-8-15	1-1/2"	2-5/8"	5-3/8"	2.6 lbs.

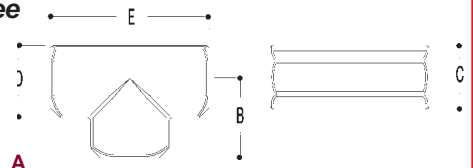
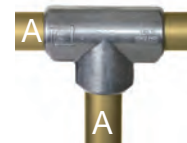
Kee Lite® Fittings

90° Side Outlet Tee



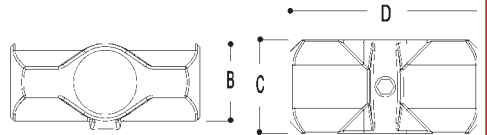
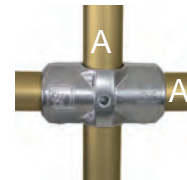
PART #	FITS PIPE	B	C	D	WEIGHT
KL21-7-125	1-1/4"	2.56"	2.09"	2.52"	.66 lb.
KL21-8-15	1-1/2"	2.91"	2.36"	2.76"	.95 lb.

Three Socket Tee



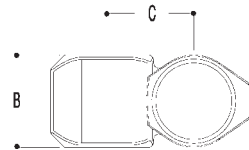
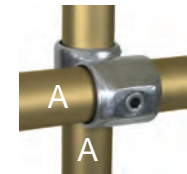
PART #	FITS PIPE	B	C	D	E	WEIGHT
KL25-7-125	1-1/4"	2.56"	2.09"	2.32"	5.12"	.77 lb.
KL25-8-15	1-1/2"	2.91"	2.36"	2.56"	5.83"	1.12 lbs.

Two Socket Cross



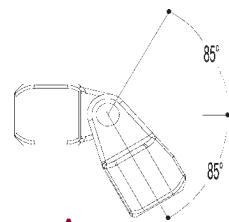
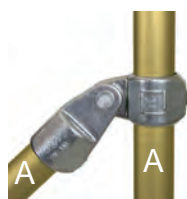
PART #	FITS PIPE	B	C	D	WEIGHT
KL26-7-125	1-1/4"	2.09"	2.52"	5.12"	.62 lb.
KL26-8-15	1-1/2"	2.36"	2.76"	5.83"	.99 lb.

Crossover



PART #	FITS PIPE	B	C	WEIGHT
KL45-7-125	1-1/4"	2.13"	1.97"	.68 lb.
KL45-8-15	1-1/2"	2.40"	2.20"	.77 lb.

Single Swivel Socket



PART #	FITS PIPE	WEIGHT
KLC50-77-125	1-1/4"	.90 lb.
KLC50-88-15	1-1/2"	1.10 lbs.

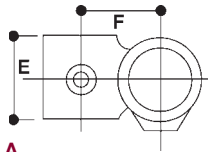
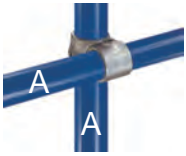
Keel Klamp® & Kee Lite® Railings & Fittings

(NOTE: Pipe shown in *blue or gold* to accentuate the fitting only.
All pipes are available in clear anodized finish only.)

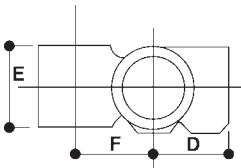


Keel Klamp® Fittings

Crossover

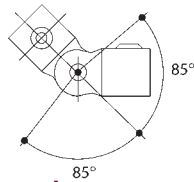
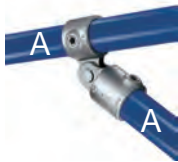


PART #	FITS PIPE	E	F	WEIGHT
KK45-7-125	1-1/4"	1-13/16"	1-15/16"	1.0 lbs.
KK45-8-15	1-1/2"	2"	2-3/16"	.7 lbs.



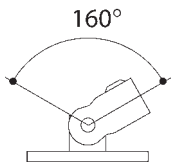
PART #	FITS PIPE	D	E	F	WEIGHT
KK46-7-125	1-1/4"	2-3/8"	1-3/4"	1-15/16"	1.5 lbs.
KK46-8-15	1-1/2"	2-5/8"	2"	2-1/8"	2 lbs.

Single Swivel Socket



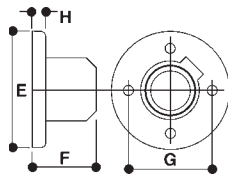
PART #	FITS PIPE	WEIGHT
KKC50-77-125	1-1/4"	1.8 lbs.
KKC50-88-15	1-1/2"	2 lbs.

Swivel Flange



PART #	FITS PIPE	WEIGHT
KKC58-7-125	1-1/4"	1.9 lbs.
KKC58-8-15	1-1/2"	2.1 lbs.

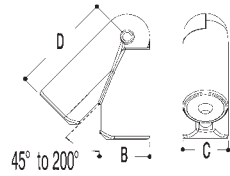
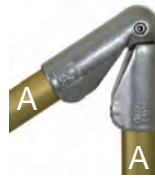
Wall Flange for Support Rail



PART #	FITS PIPE	E	F	G	H	DIA. OF FIXING HOLES	WEIGHT
KK61-7-125	1-1/4"	4"	2"	3"	1/4"	5/16"	1.4 lbs.
KK61-8-15	1-1/2"	4-1/2"	2-3/8"	3-1/2"	3/8"	5/16"	1.5 lbs.

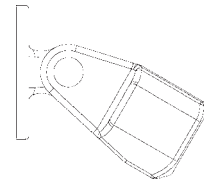
Keel Lite® Fittings

Adjustable (45°-200°) Swivel for Inline Angle



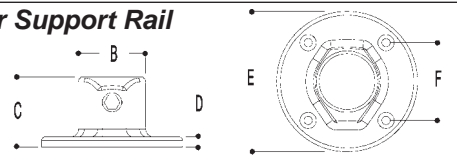
PART #	FITS PIPE	B	C	D	WEIGHT
KL54-7-125	1-1/4"	2.28"	2.17"	4.69"	1.43 lbs.
KL54-8-15	1-1/2"	2.56"	2.36"	5.16"	1.61 lbs.

Swivel Flange



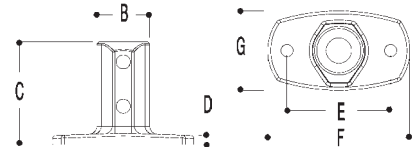
PART #	FITS PIPE	WEIGHT
KLC58-7-125	1-1/4"	.93 lb.
KLC58-8-15	1-1/2"	1.23 lbs.

Wall Flange for Support Rail



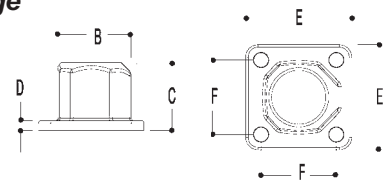
PART #	FITS PIPE	B	C	D	E	F	DIA. OF FIXING HOLES	WEIGHT
KL61-7-125	1-1/4"	2.09"	2.17"	.31"	4.33"	2.40"	.25"	.64 lb.
KL61-8-15	1-1/2"	2.36"	2.36"	.31"	4.72"	2.64"	.25"	.71 lb.

Railing Flange



PART #	FITS PIPE	B	C	D	E	F	G	DIA. OF FIXING HOLES	WEIGHT
KL62-7-125	1-1/4"	2.18"	3.54"	.35"	4.02"	5.51"	3.23"	.55"	1.10 lbs.
KL62-8-15	1-1/2"	2.43"	3.54"	.35"	4.53"	6.30"	3.31"	.55"	1.23 lbs.

Base/Wall Flange



PART #	FITS PIPE	B	C	D	E	F	DIA. OF FIXING HOLES	WEIGHT
KL152-7-125	1-1/4"	2.32"	2.17"	.31"	3.35"	2.38"	.45"	.59 lb.
KL152-8-15	1-1/2"	2.56"	2.56"	.31"	3.62"	2.63"	.45"	.68 lb.

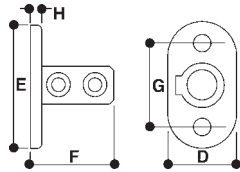


Kee Klamp® & Kee Lite® Railings & Fittings

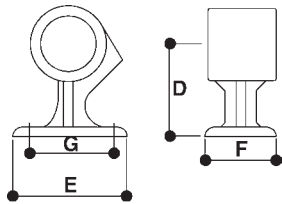
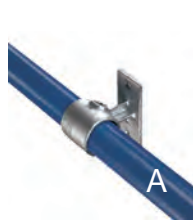
(NOTE: Pipe shown in *blue or gold* to accentuate the fitting only.
All pipes are available in clear anodized finish only.)

Kee Klamp® Fittings

Railing Flange

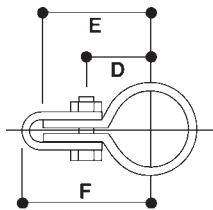


PART #	A FITS PIPE	D	E	F	G	H	DIA. OF FIXING HOLES	WEIGHT
KK62-7-125	1-1/4"	3"	5-1/2"	3-1/2"	3-1/2"	3/8"	9/16"	2.9 lbs.
KK62-8-15	1-1/2"	3-1/2"	6-1/8"	3-1/2"	3-1/2"	1/2"	9/16"	3.5 lbs.

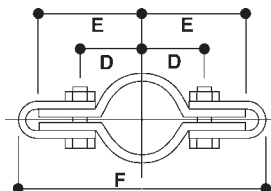
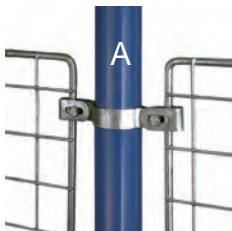


PART #	A FITS PIPE	D	E	F	G	DIA. OF FIXING HOLES	WEIGHT
KK70-7-125	1-1/4"	2-1/2"	4"	1-7/8"	3-1/4"	5/16"	1.2 lbs.
KK70-8-15	1-1/2"	2-3/4"	4-1/4"	2"	3-1/4"	5/16"	1.7 lbs.

Single Sided Clip



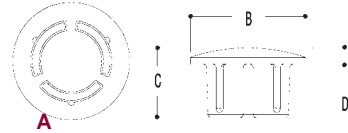
PART #	A FITS PIPE	D	E	F	DIA. OF FIXING HOLES	WEIGHT
KK81-7-125	1-1/4"	1-1/4"	2-1/4"	2-1/2"	17/64"	0.2 lbs.
KK81-8-15	1-1/2"	1-3/8"	2-3/8"	2-5/8"	17/64"	0.2 lbs.



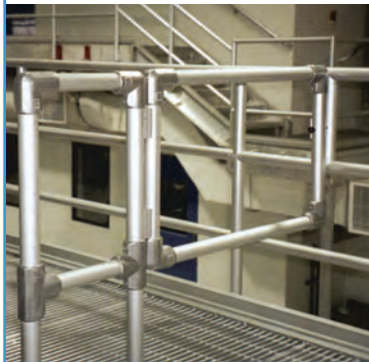
PART #	A FITS PIPE	D	E	F	DIA. OF FIXING HOLES	WEIGHT
KK82-7-125	1-1/4"	1-1/4"	2-1/4"	5"	17/64"	0.3 lbs.
KK82-8-15	1-1/2"	1-3/8"	2-3/8"	5-1/4"	17/64"	0.3 lbs.

Kee Lite® Fittings

Malleable Plug



PART #	A FITS PIPE	B	C	D	WEIGHT
KL84-7-125	1-1/4"	1.69"	1.22"	.24"	.11 lb.
KL84-8-15	1-1/2"	1.93"	1.22"	.24"	.11 lb.

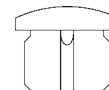


Plastic Plug



PART #	A FITS PIPE	WEIGHT
KK77-7-125	1-1/4"	0.04 lbs.
KK77-8-15	1-1/2"	0.04 lbs.

Malleable Plug



PART #	A FITS PIPE	WEIGHT
KK84-7-125	1-1/4"	0.3 lbs.
KK84-8-15	1-1/2"	0.4 lbs.

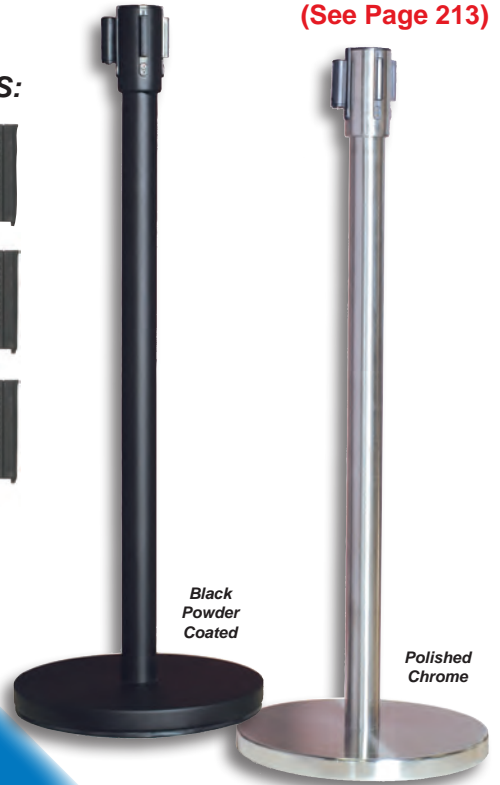
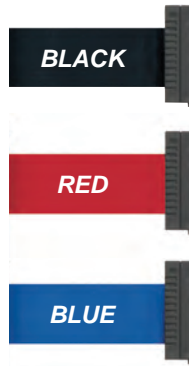
Classic Urn Stanchion (See Page 212)
with Crushed Velour or Braided Rope Guidance



Polished
Stainless Steel
Polished
Brass
Satin
Stainless
Steel

Retract-It2 Stanchions
(See Page 213)

BELT COLORS:



Black
Powder
Coated

Polished
Chrome

Stanchions

Offering an extensive range of hard to find Crowd Control and Public Guidance Systems for a wide variety of applications with its broad selection of stocked Stanchions, Stanchion Kits and accessories

Plastic Stanchions
(See Pages 216-218)



Available In:
Black, White &
Polished Chrome



Wood Stanchions
(See Pages 214-215)



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.



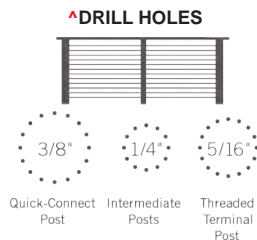
- Made from high-strength, low maintenance, weather-tough, 316-grade stainless steel
- Available in 1/8", 3/16" and 1/4" diameter cable to complement any railing design
- Sold in a wide range of standard lengths (5 ft. up to 80 ft. in 5 ft. increments) that can be trimmed to a finished dimension in the 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"**



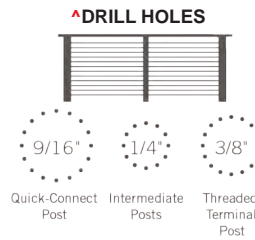
1/8" Standard Assemblies

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



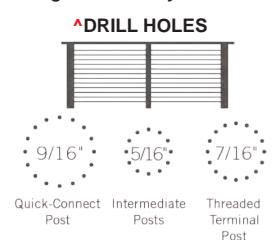
3/16" Standard Assemblies

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



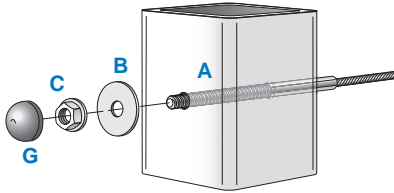
1/4" Standard Assemblies

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

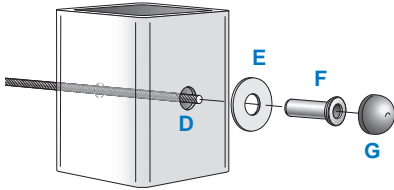
Assemblies begin with the threaded terminal...



- A = Threaded Terminal Fitting
- B = 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

and end with the QuickConnect®SS



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 through 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



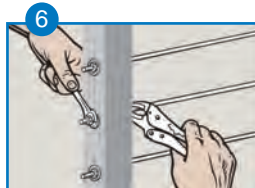
1 Measure, mark and drill holes in all posts

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

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

4 Lace the free end of the cable through the remaining posts and slide on a Quick-Connect®SS Fitting

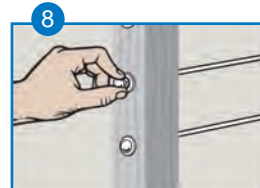
5 Pull the cable through the Quick-Connect®SS fitting to remove the excess slack in the line



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



7 Trim the excess threads on the Threaded Terminal and excess cable behind the Quick-Connect®SS.



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

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.**



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



FLAT BAR
2" wide, 1" thick



ANGLE IRON
2" wide, 1/2" thick

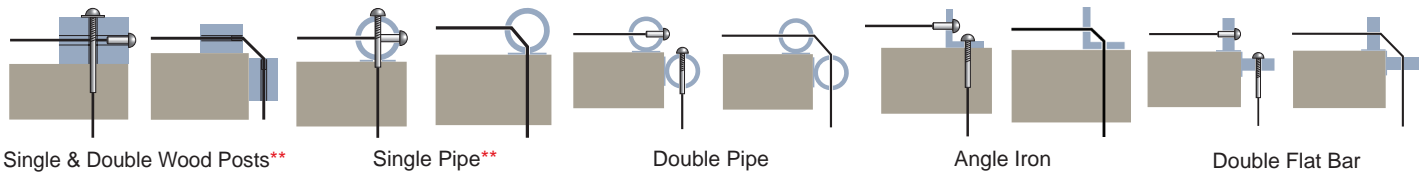


EXTRA STRONG PIPE
1-1/2" ID, 1-7/8" OD



SQUARE TUBE
2" wide, 1/4" wall

Cables can terminate or run through corner posts



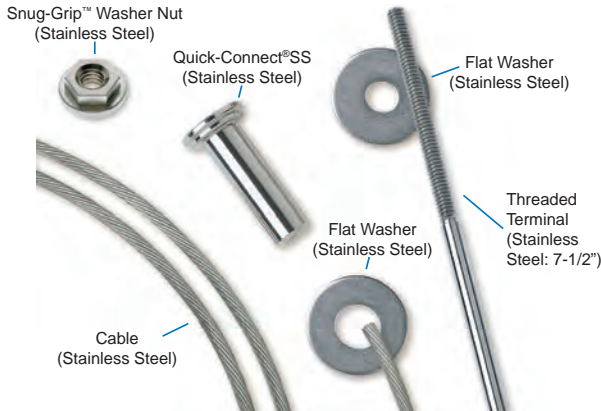
****Offset drill holes at least 1/2" when crossing fittings in a single corner post.**

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

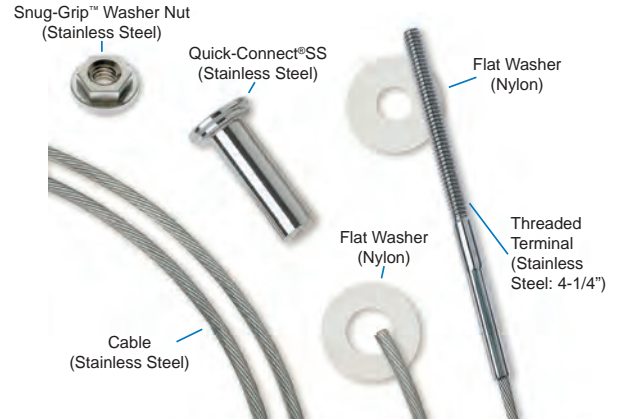
How To Order:

1. **Carefully Review** all of the installation instructions & guidelines.
2. **Select Assembly Lengths:** 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.
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:**

For Wood Posts



For Metal Posts



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.

WITH 7-1/2" TERMINAL (for wood posts)	WITH 4-1/4" TERMINAL (for metal posts)	CABLE RAIL ASSEMBLY
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.

3/16" Cable Assemblies:

Each assembly includes:

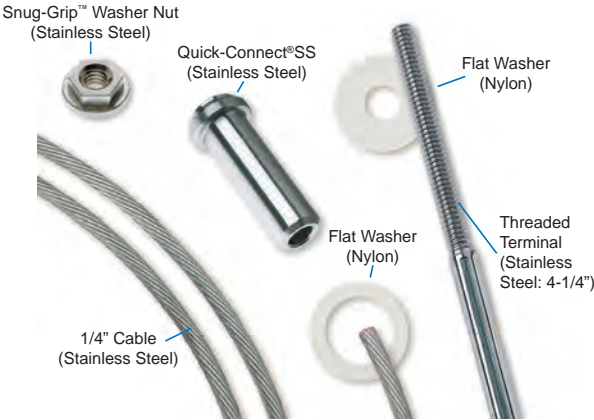
- 3/16" diameter type 316 Stainless Steel Cable
- One pre-attached threaded terminal fitting (4-1/4" for metal posts or 7-1/2" for wood posts)
- One Stainless Steel QuickConnect®SS fitting
- Two Stainless Steel flat washers (or two Nylon flat washers for metal posts)
- One Stainless Steel washer nut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

For Metal Posts



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):

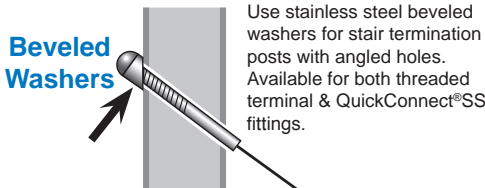
Plastic Caps (2 Required per Assembly)



Stainless Steel Caps (2 Required per Assembly)



Accessories for Special Needs:

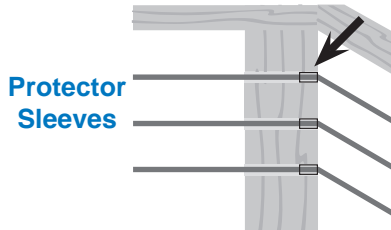


Use stainless steel beveled washers for stair termination posts with angled holes. Available for both threaded terminal & QuickConnect®SS fittings.

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

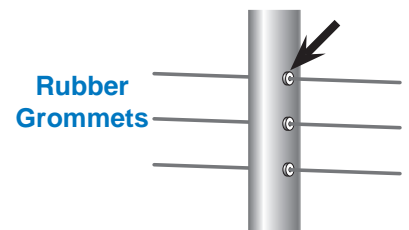
Works With 3/16" Cable
CBLR-BEVW-QC-316 For QuickConnect-SS™ End
CBLR-BEVW-TT-316 For Threaded Terminal End

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

Pre-fabricated Posts for Cable

Post assemblies simplify installation and eliminate welding

The look of custom, the ease of Prefab

Pre-fabricated cable railing posts offer an attractive, affordable, low maintenance and easy-to-install railing option for residential or commercial applications. They are extremely durable and virtually invisible, allowing for beautiful, unimpaired views. It is an elegant design alternative and is ideal for use indoor or outdoors.



Product Features

- 36" Standard & 42" Guardrail Posts
- Works with 1/8" & 3/16" cable
- The spacing between wires is 3" - 3.5" within the same post
- Both anchor posts and receiver posts are required when building a cable rail
- The top rail is a round, stainless steel tube with a 240 grit circular satin finish

For ADA Sensitive Applications

Our pre-fabricated posts with short adjustable saddles & adjustable ball saddles can work acceptably with a 1.5" diameter tube on the top, if needed. Although these saddles are made for 1.67" diameter tube, the visual gap created by using 1.5" diameter tube is insignificant and the tube will affix to the saddle acceptably. (Flush fittings will only work with 1.67" O.D. x .08" wall tube)

How To Select Your Railing & Fittings

• Mount Preference



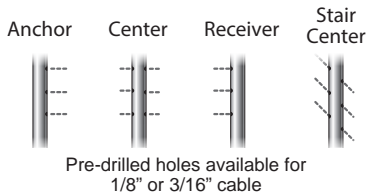
• Rail Height (36" or 42")

• Cable Diameter (1/8" or 3/16")

Note: 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.

• Post Position

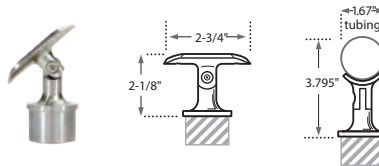
For a description of the posts, See pages 953-954



• Top Bracket (Included As Selected)

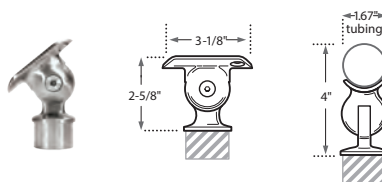
Short Adjustable Saddle

Completes the railing with a contemporary look

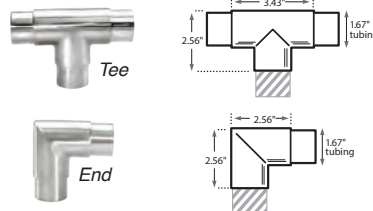


Adjustable Ball Saddle

Completes the railing with a traditional ball-fitting styling



Flush Fittings



Railings & Accessories

Must Be Purchase Separately

• Cable (Required):

See pages 952-956

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



• Top Rail (Required):

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.

• End Cap (Optional)



PART #

SST-1670-EC

Note: Only used with the saddle brackets

• Adjustable Flush Elbow (Optional)



PART #

SST-1670-AFE

Pre-fabricated Floor Mount Posts



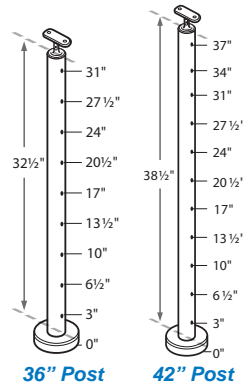
- Rail Heights 36" or 42" Rails
- Material: 316 Stainless Steel • Satin Finish • 1.67" Diameter Post Tube

Adjustable Saddle Posts

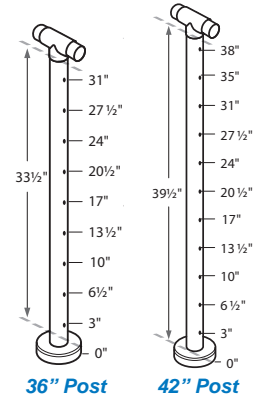
Flush Fitting Posts



Post Schematics



Post Schematics



Available Pre-fabricated Post Positions:

AP
(required)

Anchor posts are made of 1.67" OD tube with an extra wall thickness and holes to receive the threaded terminal of a cable assembly. Depending on the cable thickness used, the hole diameters are 5/16" (for 1/8" thick cable) or 3/8" (for 3/16" thick cable).

CP
(optional)

Center posts are made of 1.67" OD tube with 1/4" diameter holes that allow both 1/8" thick cable and 3/16" thick cable to pass through.

SP
(customized optional)

Stair center posts are made of 1.67" OD tube with 1/4" diameter holes and are the same as center cable rail posts in construction with one exception: The hole locations on one side are higher to accommodate for the slope of the stairs. The exact location of the holes are determined on a per order basis by measuring the tread length and the rise height of the stairs. Ship within 5-7 business days.

RP
(required)

Receiver cable rail posts are made of 1.67" OD tube with an extra wall thickness and holes to receive cable on one side and a connector fitting on the opposite side. The connector fitting comes in two sizes: one for 1/8" thick cable and one for 3/16" thick cable. Hole diameters are 1/4" on the side for the cable and either 3/8" or 9/16" on the other side.

36" posts accept 9 cables per post & 42" post accept 11 cables per post
Cable assemblies are sold separately (See Pages 952-956)

PART #	RAIL HEIGHT	CABLE DIAMETER	POST POSITION	TOP BRACKET
CBLR-3618FLAP-*	36"	1/8"	Anchor Post	
CBLR-36316FLAP-*	36"	3/16"	Anchor Post	
CBLR-3618FLCP-*	36"	1/8"	Center Post	*SA- Short Adjustable Saddle
CBLR-36316FLCP-*	36"	3/16"	Center Post	*AB- Adjustable Ball Saddle
CBLR-3618FLSP-*	36"	1/8"	Stair Post	*FT- Flush Tee
CBLR-36316FLSP-*	36"	3/16"	Stair Post	*FE-Flush End
CBLR-3618FLRP-*	36"	1/8"	Receiver Post	
CBLR-36316FLRP-*	36"	3/16"	Receiver Post	
CBLR-4218FLAP-*	42"	1/8"	Anchor Post	
CBLR-42316FLAP-*	42"	3/16"	Anchor Post	
CBLR-4218FLCP-*	42"	1/8"	Center Post	*SA- Short Adjustable Saddle
CBLR-42316FLCP-*	42"	3/16"	Center Post	*AB- Adjustable Ball Saddle
CBLR-4218FLSP-*	42"	1/8"	Stair Post	*FT- Flush Tee
CBLR-42316FLSP-*	42"	3/16"	Stair Post	*FE-Flush End
CBLR-4218FLRP-*	42"	1/8"	Receiver Post	
CBLR-42316FLRP-*	42"	3/16"	Receiver Post	

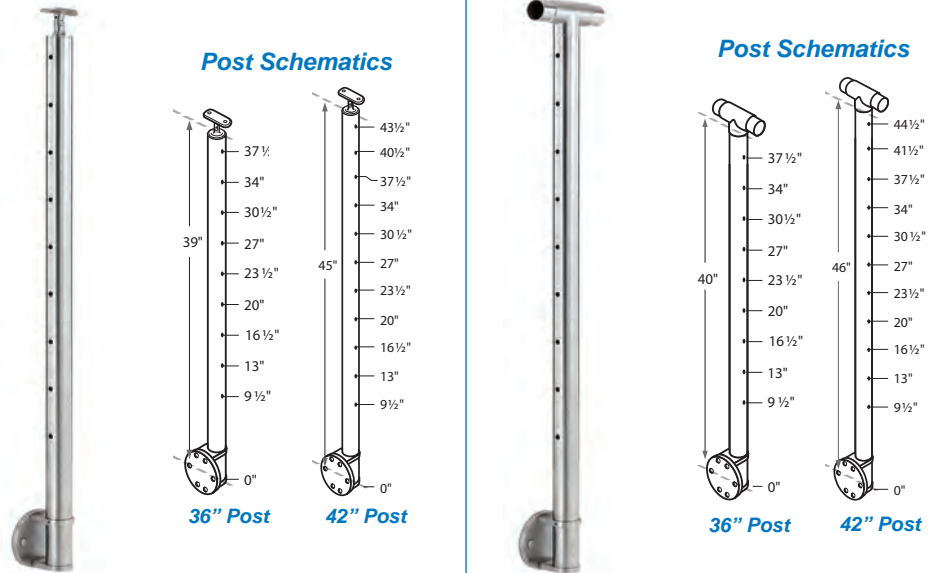
Pre-fabricated Fascia Mount Posts



- Rail Heights 36" or 42" Rails
- Material: 316 Stainless Steel • Satin Finish • 1.67" Diameter Post Tube

Adjustable Saddle Posts

Flush Fitting Posts



Available Pre-fabricated Post Positions:

AP
(required)

Anchor posts are made of 1.67" OD tube with an extra wall thickness and holes to receive the threaded terminal of a cable assembly. Depending on the cable thickness used, the hole diameters are 5/16" (for 1/8" thick cable) or 3/8" (for 3/16" thick cable).

CP
(optional)

Center posts are made of 1.67" OD tube with 1/4" diameter holes that allow both 1/8" thick cable and 3/16" thick cable to pass through.

SP
(customized optional)

Stair center posts are made of 1.67" OD tube with 1/4" diameter holes and are the same as center cable rail posts in construction with one exception: The hole locations on one side are higher to accommodate for the slope of the stairs. The exact location of the holes are determined on a per order basis by measuring the tread length and the rise height of the stairs. Ship within 5-7 business days.

RP
(required)

Receiver cable rail posts are made of 1.67" OD tube with an extra wall thickness and holes to receive cable on one side and a connector fitting on the opposite side. The connector fitting comes in two sizes: one for 1/8" thick cable and one for 3/16" thick cable. Hole diameters are 1/4" on the side for the cable and either 3/8" or 9/16" on the other side.

36" posts accept 9 cables per post & 42" post accept 11 cables per post
Cable assemblies are sold separately (See Pages 952-956)

PART #	RAIL HEIGHT	CABLE DIAMETER	POST POSITION	TOP BRACKET
CBLR-3618FAAP-*	36"	1/8"	Anchor Post	
CBLR-36316FAAP-*	36"	3/16"	Anchor Post	
CBLR-3618FACP-*	36"	1/8"	Center Post	*SA- Short Adjustable Saddle
CBLR-36316FACP-*	36"	3/16"	Center Post	*AB- Adjustable Ball Saddle
CBLR-3618FASP-*	36"	1/8"	Stair Post	*FT- Flush Tee
CBLR-36316FASP-*	36"	3/16"	Stair Post	*FE-Flush End
CBLR-3618FARP-*	36"	1/8"	Receiver Post	
CBLR-36316FARP-*	36"	3/16"	Receiver Post	
CBLR-4218FAAP-*	42"	1/8"	Anchor Post	
CBLR-42316FAAP-*	42"	3/16"	Anchor Post	
CBLR-4218FACP-*	42"	1/8"	Center Post	*SA- Short Adjustable Saddle
CBLR-42316FACP-*	42"	3/16"	Center Post	*AB- Adjustable Ball Saddle
CBLR-4218FASP-*	42"	1/8"	Stair Post	*FT- Flush Tee
CBLR-42316FASP-*	42"	3/16"	Stair Post	*FE-Flush End
CBLR-4218FARP-*	42"	1/8"	Receiver Post	
CBLR-42316FARP-*	42"	3/16"	Receiver Post	