

ARCHITECTURAL IRON DESIGNS, INC.

— YOUR IMAGINATION, FORGED HERE —

IRON & STEEL RAILINGS

- 38 Steel Handrail & Fittings
- **39** Tubular Handrail & Fittings
- 40 Decorative Flat & Convex Bars
- 41 End Scrolls for Steel Flat Bars
- **42-44** Pipe Fittings
- 45-46 Textured Bars
 - **47** Rope Twists, Fully Twisted & Hot Pierced Bar
 - 48 Bamboo
 - **49** Collar Material, Half Round/ Half Oval Bars & Plain Steel
- 50-53 Handrail & Side Mount Brackets
- **54-56** Forged Newel/Starter Posts
- **57-62** Ornamental Iron Posts
- **63-71** Modern Balusters & Panels
 - **72** City Series from Grande Forge
 - **73** Quartz Series from Grande Forge
- 74-76 Cast Iron Series from Grande Forge
- 77-81 Mozart Series from Grande Forge
- **82-83** Ronde Series from Grande Forge
 - **84** Castel Series from Grande Forge
 - **85** Masters Series from Grande Forge
- **86-89** Tradition Series from Grande Forge
 - **90** Rustique Series from Grande Forge
 - **91** Venezia Series from Grande Forge
 - **92** Twisted Bar
- **93-98** Forged Balusters
 - 99 Balcony Rails & Forged Bows
- **100-101** Economy & Forged Scroll Panels
- **102-114** Regency Railing Prefabricated Panels
- **115-127** Ornamental Forged Scroll Panels
- **128-129** Ornamental Cast Iron Balusters
- 130-138 Ornamental Cast Iron Panels



T: 908.757.2323 • F: 908.757.3439 AISALES@ARCHIRONDESIGN.COM ARCHIRONDESIGN.COM/IRONANDSTEELRAILINGS

STEEL HANDRAIL MOLDINGS, HOT ROLLED



2-1/4" wide

19' length

Steel Channel

Mill Finish, 20' Lengths



For use as a reveal with handrail sections. Channel may be welded, brazed or mechanically fastened to the underside of the handrail.

*Pre-punched channel or flat bar available upon request

In this detail, channel is punched to accept pickets. Picket/channel assembly is then attached to the underside of the railing.

Steel	Hot-Rolled
Jucei	i iot-noneu

ITEM	В	Α	T	USE WITH
C11218	1"	1/2"	1/8"	H1248
C1141218	1-1/4"	1/2"	1/8"	H1252
C1121218	1-1/2"	1/2"	1/8"	H1244

DUCTILE IRON LATERAL SCROLLS AND FITTINGS AVAILABLE FOR HANDRAIL H1248 - H1252 - H1244

(Indicate left or right when ordering) NOTE: H1248 fittings can be used with H1250 with some modification.

Left

A-Senior Lateral Scroll

20' length



Left H1248AL X=101/4" Y=81/2" H1252AL X=11¾" Y=9%" H1244AL X=131/8" Y=11"

20' length



Right H1248AR X=10¼" Y=8½" H1252AR X=11¾" Y=9%" H1244AR X=131/8" Y=11"

B-Senior Lateral Channel



20' length

H1248BL X=9½" Y=7¾" H1252BL X=10%" Y=8%" H1244BL X=12" Y=9¾"



Right H1248BR X=91/4" Y=73/4" H1252BR X=10%" Y=8%" H1244BR X=12" Y=9%"

K-Corner Bend KK-Channel Corner Bend

May also be used as a wall return - by trimming one leg - or combine two for a 180° turn.



H1248K X=5" Y=6" H1252K X=5¾" Y=5¾" H1244K X=6" Y=6"

H1248KK X=5" Y=51/4" H1252KK X=5" Y=51/4" H1244KK X=5" Y=51/2"

E-Square Terminal



H1248E X=3%" Y=1%" H1252E X=31/2" Y=2" H1244E X=3½" Y=2¼"

T-Center Piece



H1248T, Y=3%" H1252T, Y=5%" H1244T, Y=6%"

P-Straight Lamb's Tongue



H1248P X=4½" Y=5½" H1252P X=5½" Y=5½" H1244P X=6" Y=61/2"

812/12 Use with: H1244 X=6¾" Y=12"

812/13* Use with: H1250 X=51/4" Y=12"

May use with item H1248, however additional welding and grinding will be needed.

and grinding will be needed.

N-Terminal L-Corner Piece

H1248V

H1252V

H1244V

X=31/4" Y=5"

X=3½" Y=5"

X=23/4" Y=5"



H1248N, $X=2^{3}/_{16}$ " $Y=3^{3}/_{16}$ " **H1252N,** X= 2¹¹/₁₆" Y=41/4" H1244N, X= 3¼" Y=4¾"



X & Y=41/4" H1244L $X \& Y = 4^{13}/_{16}$ "

> The fittings may not be a perfect match

H-Bevel Lamb's Tongue



H1248H X=5½" Y=8½" H1252H X=6" Y=81/2" H1244H X=61/2" Y=83/4"



1377/40 Use with: H1244 X=7" Y=121/2" 1377/41* Use with: H1250 X=9" Y=13" *May use with item H1248, however additional welding

V–Volutes

TUBULAR HANDRAIL AND FITTINGS

All items are in cast iron except for handrail.







THR (Steel Handrail)

1¾" W x 1" H 20' lengths



901

Beveled Lamb's Tongue 1¾" W x 3¼" H x 3½" L



902

Straight Lamb's Tongue 1¾" W x 4¾" H x 2¾" L



900

Volute 1¾" W x 2½" H x 3" L



7056

Round 2¼" W x 1½6" H x 2½" L



7057

Step Rail Bend 1¾" W x 1¾" H x 2¾" L



7058

Rail End Plug 1¾" W x 1" H x 2½" L



7059

Square 21/4" W x 1" H x 21/4" L



7055

Corner Cap 1%" W x ¾" H x 1%" L



7051

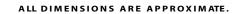
Angle 3%" W x %" H x 3%" L

7053

Terminal 2% W x $^{9}/_{16}$ " H x 3 $^{9}/_{16}$ " L

654

Bracket 2¼" W x 3¾" H

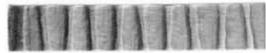


DECORATIVE FLAT & CONVEX BARS

Perfect for handrails, balconies and balustrade rails, our flat bar comes in a range of designs. Match up with our end scrolls and sweeps.

PATTERNED FLAT BAR-Supplied in 9'10" lengths

WAVY BAR DESIGN



4/4

1-1/2" wide x 5/16" thick

EGYPTIAN



6/7

1-1/2" wide x 5/16" thick

TREE BARK DESIGN



4/2

1-1/2" wide x 5/16" thick



Supplied 118" long



1834/2 1-7/32" wide 3/16" thick

1834/5 1-1/4" wide 3/8" thick

118/29 1-9/16" wide 1/8" thick



1-9/16" wide 5/16" thick

114/5 1-9/16" wide 5/16" thick

114/8

1-9/16" wide 5/16" thick

114/12 1-9/16" wide 5/16" thick



HALF OVAL HANDRAIL Supplied in 19'8" lengths

4435 2-1/8" wide 3/4" high



HAMMERED FLAT BAR Supplied in 19'8" lengths



4/14-20FT 1-1/2" x 5/16"

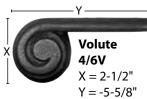
Supplied in 9'8" lengths



4/6-20FT 2" x 1/2", Convex handrail, flat base

CONVEX HANDRAIL & FITTINGS





Corner Bend 4/6K X = 8-1/8'Y = 3-1/2



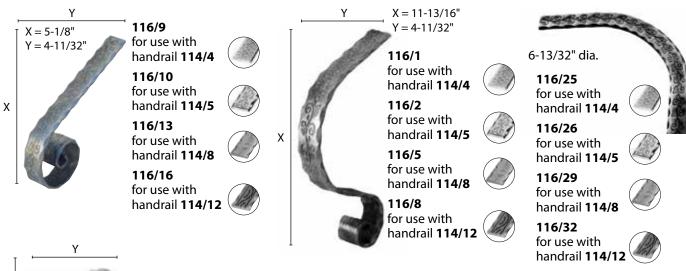
Terminal End 4/6E X = 3-11/16" Y = 2"

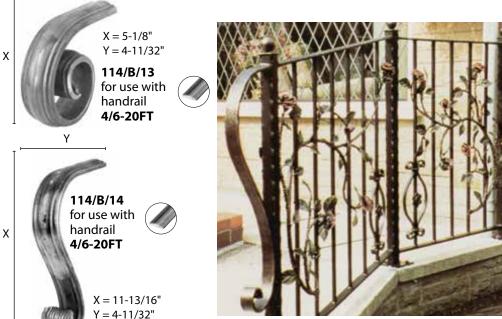
ALL DIMENSIONS ARE APPROXIMATE.

END SCROLLS FOR STEEL FLAT BARS

Match up with our patterned flat bars.







Sweep: 7/6K Handrail: 4/2 Posts: 2/1 Fixing Plates: 92/3 Scrolls: 58/12 Upright Bars: 3/1 Daisies: 77/30

DESIGN:

Rose Bar:

COMPONENTS:

1068/2

Roses: **70/11 & 70/12** Leaves: **77/32, 77/33 &**

69/4

77/34

Balls: **88/1** (1-1/2")

ELBOWS

These elbows are precision mandrel bent parts - without seams - except as noted with an *.

90° Elbow



PIPE SIZE	OD	WALL THICKNESS	STEEL	ALUMINUM	STAINLESS
1-1/4"	1.66"	.140"	4434*	4444	4654
1-1/2"	1.90"	.145"	4464*	4474	4684

ALLOYS: Aluminum: 6063 Pipe Elbows Stainless Steel: Type 304

90° Elbow

1/8" inside radius



ALLOYS: Steel: 1006-1010 - Aluminum: 3003 - Stainless Steel: Type 304

180° Elbow with Two 2" Tangents

2" inside radius, trimmed

PIPE		WALL			
SIZE	OD	THICKNESS	STEEL	ALUMINUM	STAINLESS
1-1/4"	1.66"	.140"	269-6	293-6	317-2
1-1/2"	1.90"	.145"	341-6	365-6	389-4

ALLOYS: Aluminum: 6063 Pipe Elbows Stainless Steel: Type 304

Side Outlet Elbow



ALLOYS: Steel: 1006-1010 - Aluminum: 3003 - Stainless Steel: Type 304

Steel Pi	pe	
Round Bla	ck Pipe	e A53
21' Lengtl	ns	
DIDE CITE	6.611	

PIPE SIZE	SCH.	OD	ID	Т	LB/FT	STEEL
1-1/4"	40	1.66"	1.38"	.140"	2.270	P135
1-1/2"	40	1.90"	1.61"	.145"	2.720	P175

PIPE





St

Ty 21

	/
tainless Steel Pipe	
pe 304, mill finish	
' Lengths	- OD

PIPE SIZE	SCH.	OD	ID	Т	LB/FT	MILL STAINLESS
1-1/4"	40	1.66"	1.38"	.140"	2.294	P792
1-1/2"	40	1.90"	1.61"	.145"	2.743	P897

Aluminum Pipe

Alloy 6063 20' Lengths

Mill Finish			-	00	
PIPE SIZE	SCH.	OD	ID	Т	LB/FT
1-1/4"	40	1.66"	1.38"	.140"	.786
1-1/2"	40	1.90"	1.61"	.145"	.940



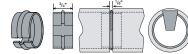
•		
FT	ALUMINUM	
6	P490	

P540

WEDGE-LOCK WELDING CONNECTORS

Wedge-Lock Welding Connectors

- Available for Steel, Aluminum and Stainless Steel.
- No chamfering necessary.
- Aligns Pipe and Tube prior to welding.
- Save up to 50% on your shop and field welding and finishing costs.
- Saves grinding time.



Wedge-Lock Welding Connectors for Pipe and Round Tubing

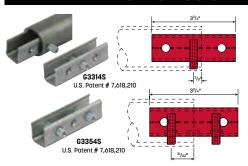
PIPE		TUBE				TYPE 304
SIZE	SCH.	OD	WALL	STEEL	ALUMINUM	STAINLESS
1-1/4"	40	1.66"	.140"	1023	1024	1025
1-1/2"	40	1.90"	.145"	1033	1034	1035

Wedge-Lock Instructions:

- 1. Place Connector in each end of Pipe or Tube until it makes contact with the Wedge-Lock's ribs.
- 2. Insert wedge into groove of Wedge-Lock and hammer into place.
- 3. The Wedge-Lock will expand against the material wall to properly lock and align the Pipe or Tube.
- 4. Weld the joint solid and grind smooth.



SPLICE LOCKS



Single-Lock One Piece Splice-Lock*

PIPE SIZE	SCH.	TUBE DIAMETER	WALL THICKNESS	SET SCREW	GALVANIZED STEEL
1-1/4"	40	1.60"	.140"	3/8" X 1-1/4"	G3314S
1-1/2"	40	1.90"	.145"	3/8" X 1-3/8"	G3318S

Double-Lock One Piece Splice-Lock*

PIPE		TUBE	WALL	SET	GALVANIZED
SIZE	SCH.	DIAMETER	THICKNESS	SCREW	STEEL
1-1/4"	40	1.60"	.140"	3/8" X 1-1/4"	G3354S
1-1/2"	40	1.90"	.145"	3/8" X 1-3/8"	G3358S

^{*} NOTE: Both sections to be joined must have the same wall thickness

One Piece Splice-Lock Assembly

Drill a 13/32" diameter hole for 3/8" Screws

 3/8" to center from the end of the Pipe or
 Tube for Single-Lock; 31/32" for Double-Lock.



- 2. Insert **Splice-Lock** into this first section.
- 3. Insert and partially tighten the **Set Screw**.
- Slide other section to be joined over the Splice-Lock. If you are using a Double-Lock Splice-Lock, drill a 13/32" diameter hole in this section as well and insert second Set Screw.
- Complete tightening of the Set Screw(s) until no movement.

INTERNAL SLEEVES

Internal Sleeve

May be used with Aluminum or Stainless Steel. Ribbed outer surface.



PIPE SIZE	SCH.	TUBE OD	TUBE ID	LENGTH	EXTRUDED ALUMINUM
1-1/4"	40	1.66"	1.38"	4"	IR70E-7
1-1/2"	40	1.90"	1.62"	5"	SA517

Internal Splice

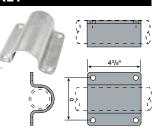
PIPE	TURE OR	TUDE ID	LENGTH	TYPE 304	14 GAUGE
SIZE	LORE OD	LORE ID	LENGTH	STAINLESS	STEEL
1-1/4"	1.66"	1.38"	5"	1224	1220
1-1/2"	1.90"	1.62"	5"	1225	1222

U-BRACKET

U-Bracket

4-3/8" high, 3/16" thick

PIPE SIZE	TUBE OD	Α	STEEL
1-1/4"	1.66"	3-1/2"	3682
1-1/2"	1.90"	3-1/2"	3684



FLANGES



Heavy Duty Weld Flange*

4-3/8" diameter with four oval mounting holes, clear for 3/8" bolts. May be used with or without a canopy flange.

FOR USE WITH PIPE SIZE	PIPE DIAMETER	THICKNESS	STEEL	TYPE 304 STAINLESS
1-1/4"	1.66"	1/4"	1613HD	1613HD-S
1-1/2"	1.90"	1/4"	1623HD	1623HD-S

* It is recommended that the flange be welded at both the top and the underside of the flange to achieve maximum strength.



Snap-On Cover Canopy Flange

4-1/2" diameter, 18 gauge. Cover has clearance for 3/8" bolt heads. This canopy flange drops into place. Use epoxy or silicone to affix to heavy duty weld flange..

PIPE SIZE	OD	COVER DIAM.	HT.	STEEL	3003 ALUMINUM	TYPE 304 STAINLESS
1-1/4"	1.66"	4-1/2"	1"	2065	2066	2067
1-1/2"	1.90"	4-1/2"	1"	2075	2076	2077



Heavy Base Plain Flange with Set Screw*

PIPE SIZE	OD	STEEL	ALUMINUM	TYPE 304 STAINLESS
1-1/4"	1.66"	1429	1469	1529
1-1/2"	1.90"	1437	1477	1537

^{* 1/4&}quot;-20 set screw - not for structural use.



Snap-On Cover Flange Base

4-3/8" diameter base has four clear mounting holes for 3/8" bolts.

PIPE		COVER			3003	TYPE 304
SIZE	OD	DIAM.	THICK.	STEEL	ALUMINUM	STAINLESS
1-1/4"	1.66"	4-3/8"	.25"	2065B	2066B	2067B*
1-1/2"	1.90"	4-3/8"	.25"	2075B	2076B	2077B*

* Thickness = .188".



Plain Flange

PIPE SIZE	OD	STEEL	ALUMINUM	TYPE 304 STAINLESS
1-1/4"	1.66"	1610	1630	1610-S
1-1/2"	1.90"	1620	1640	1620-S

PIF SIZ 1-

Flange with Four Holes

PIPE			
SIZE	OD	STEEL	ALUMINUN
1-1/4"	1.66"	1613	1633
1-1/2"	1.90"	1623	1643

COPED DRIVE-ON CONNECTORS

Coped Drive-On Connectors

No More Pipe Coping Or Notching Necessary

Simple to use and weld on. These money-saving Connectors are used with Pipe sections to form a railing system. Unique drive-on and weld design eliminates Pipe coping and saves time spent on cutting and alignment.

Use Type A Connectors for ramps. 32° Type B Bevel Tees may be used for 30° to 32° slopes; 36° Type D Bevel Tees may be used for 36° to 40° slopes; and 45° Type E Bevel Tees may be used for 42° to 48° slopes.

These Connectors are supplied with a mill finish.



90° Tee Connector - Type A

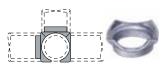
PIPE SIZE	TUBE OD	SCH. 40 STEEL	SCH. 40 ALUMINUM	SCH. 40 STAINLESS
1-1/4"	1.60"	1822	1823	1822S
1-1/2"	1.90"	1834	1835	18345





Corner Tee - Type B

PIPE SIZE	TUBE OD	SCH. 40 STEEL
1-1/4"	1.60"	1826
1-1/2"	1.90"	1838



Side Outlet Tee - Type C

PIPE		SCH. 40
SIZE	TUBE OD	STEEL
1-1/4"	1.60"	1830
1-1/2"	1.90"	1842

Bevel Tee - Types D and F

For use in 32° (Type F) and 36° (Type D) connections between posts and rails.

PIPE			SCH. 40
SIZE	TUBE OD	BEVEL	STEEL
1-1/4"	1.60"	32°	1873
1-1/4"	1.60"	36°	1870
1-1/2"	1.90"	32°	1883
1-1/2"	1 90"	36°	1880

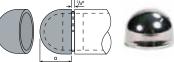
END CAPS



Type A Machined Drive-On End Cap for Schedule 40 Pipe, Alloy 6063 Aluminum

Deburr inside of pipe to give chamfered caps an easy start.

PIPE SIZE	Α	В	С	MILL FINISH ALUMINUM
1-1/4"	1.66"	1-1/8"	1-5/16"	3231AM
1-1/2"	1.90"	1-1/8"	1-9/16"	3232AM
	,- T †	<u></u>		



Type C Weld-On End Cap - Mill Finish

10 Ga. Thickness

PIPE SIZE	TUBE OD	Α	STEEL
1-1/4"	1.66"	1-1/8"	3219
1-1/2"	1.90"	1-1/8"	3220

* Use Wedge-Lock Welding Connectors as seen on page 40.



Type A Drive-On End Cap for Schedule 40 Pipe

10 Ga. Thickness

Deburr inside of pipe to give chamfered caps an easy start.



PIPE				
SIZE	Α	В	C	STEEL
1-1/4"	1.66"	1-1/8"	1-3/8"	3211
1-1/2"	1.90"	1-3/8"	1-5/8"	3212

Type E Flat Drive-On Cap - Mill Finish

Four prong style. For schedule 40 pipe size only.



SIZE	OD	THICKNESS	Α	STEEL	STAINLESS
I-1/4"	1.66"	.140"	3/16"	3286	3286-SS
I-1/2"	1.90"	.145"	3/16"	3287	3287-SS



Type E Flat Machined Drive-On Cap For schedule 40 pipe size only. 6063T52 Aluminum

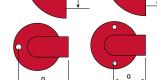
PIPE TUBE MILL FINISH WALL SIZE **ALUMINUM** OD THICKNESS 3291M 1.66" .140" 3/16" 1-1/4" 1-1/2" 1.90" .145" 3292M 3/16"

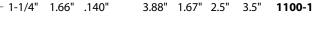


WALL RETURNS

SIZE

Flush Weld Wall Return with one 3/8" Hole WALL PIPE





THICKNESS A

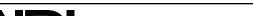
Flush Weld Wall Return with two 5/16" Holes

PIPE		WALL					
SIZE	OD	THICKNESS	Α	В	C	D	STEEL
1-1/4"	1.66"	.140"	2.44"	1.67"	2.5"	3.88"	1100-2

ALL DIMENSIONS ARE APPROXIMATE.

CAST IRON BALL CAPS

BC114 - 2" W x 2¾" H for 11/4" pipe **BC112** - 2¾" W x 3½" H for 1½" pipe





TEXTURED BARS

Wonderful for heavy or small gate frames, end posts on rails, balustrades and furniture.

CORNER HAMMERED TUBING - 20' LONG



ITEM NO. SIZE

2/9-20FT 3/4" x 3/4" x 1/16"

2/10-20FT 1" x 1" x 1/16"

2/2-20FT 1-3/16" x 1-3/16" x 1/8"

1-1/2" x 1-1/2" x 1/8" 2/1-20FT

2/8-20FT 2" x 1" x 1/8"

2/7-20FT 2" x 2" x 1/8"

FORGED WOOD GRAIN BAR

Well suited for furniture, fixtures, balusters, fences, scrollwork, vines, etc.

Sold in 10' Lengths



Item 70/14 Available in: 3/8" Ø, 1/2" Ø, 5/8" Ø,

1" Ø 1-1/4" Ø

1-1/2" Ø

GROOVED BARS



625/3 1/2" sq. x 10' long

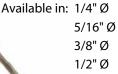
625/5

5/8" sq. x 10' long

625/7

13/16" sq. x 10' long

FORGED 'VINE' BAR Sold in 10' Lengths Item 69/4



5/8" Ø 3/4" Ø 1" Ø

1-1/4" Ø



DESIGN:

1001/2

Height = 7'11" Width of opening = 4'6"

COMPONENTS:

Frame: 2/2 Vertical Bars: 69/4 - 3/4" 76/29 & 76/30 Leaves: 69/4 - various sizes Vines: 70/11 & 70/12 Roses:

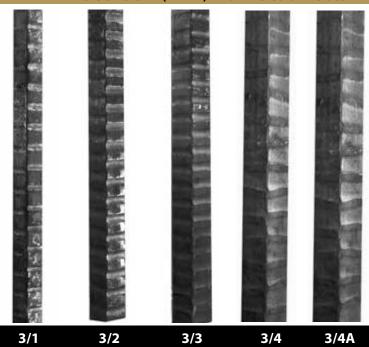
ALL DIMENSIONS ARE APPROXIMATE.

TEXTURED BARS

Ideal for frame work and uprights in gates, railings or furniture.

Note: hammering may vary from batch to batch.

HAMMERED SOLID BAR (WAVY) - Hammered on 4 sides



3/4" Sq.

10ft

1" Sq.

10ft

1-1/4" Sq.

10ft

lengths



DESIGN: 1057/1Height = 58"

Width = 44"

COMPONENTS:

Uprights: **3/3** Horizontal

Bar: 3/6
Finial: 82/7
Scroll: 66/11
Rosette: 77/31

	CORNER HAM		
lengths	lengths	lengths	lengths

5/8" Sq.

10ft

20' Lengths 10' Length

3/8	3/9	3/10	3/11	3/11A
1/2" Sq.	5/8" Sq.	3/4" Sq.	1" Sq.	1-1/4" Sq.
				10FT

FLAT BAR

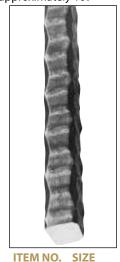
10' Lengths



3/13	3/13A	3/6
1" x 1/4" Edge ha	1" x 3/8" mmered	1" x 3/8" flat Hammered on both
		sides

HEAVILY HAMMERED BAR

Mechanically hammered on 4 corners and 4 sides. Length of bars approximately 10'.



118/A/1 1/2" sq. 118/A/2 9/16" sq. 118/A/3 5/8" sq.

118/A/5 13/16" sq.

ALL DIMENSIONS ARE APPROXIMATE.



1/2" Sq.

10ft

ROPE TWISTS, FULLY TWISTED & HOT PIERCED BARS

SOLID BAR ROPE TWIST sold in 9'4" Lengths



Our rope twists have a variety of applications. They can be used as decorative handrail, foot rail, trip rail and also provide a stunning effect when used in furniture.

FULLY TWISTED BARS sold in 10' Lengths

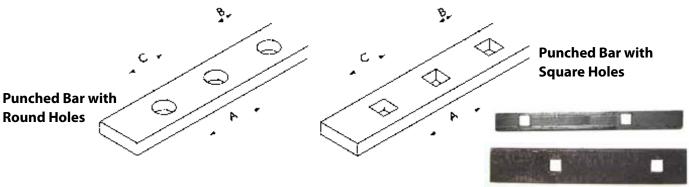
-					
11/34	1/4" sq.	11/37	1/2" sq.	11/40	1" sq.
11/35	5/16" sq.	11/38	5/8" sq.	11/41	1-1/4" sq.
11/36	3/8" sq.	11/39	3/4" sq.		

COMPOSITION OF FOUR STRAND ROPE TWIST diameter across strands 5/8" 4 x 1/4" 3/4" 4 x 5/16" 1" 4 x 3/8" 1-1/4" 4 x 1/2" 4 x 5/8" 1-1/2"

PUNCHED BAR and PUNCHED CHANNEL

Custom made to your specifications.

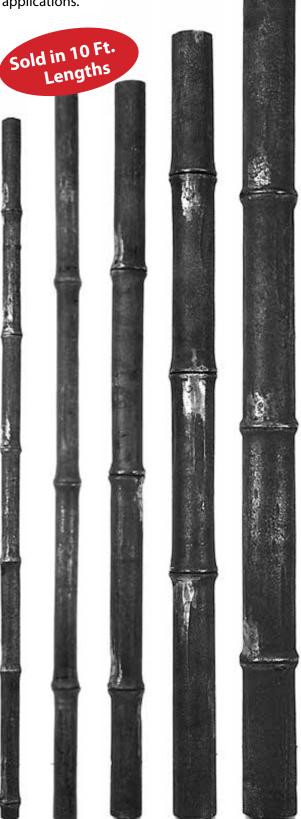
Please specify dimensions of A, B, C and provide material size (required).





FORGED STEEL BAMBOO

This durable and versatile product is available in tubular sections and solid baluster for an infinite array of applications.





Tubular Bamboo

USING SCHEDULE 80 PIPE

Item No. Size **BST-58** 5/8" Ø knot ~3/4" Ø

BST-34 3/4" Ø knot ~1" Ø

BST-1 1" Ø

knot ~1-1/4" Ø

BST-114 1-1/4" Ø

knot ~1-1/2" Ø

BST-112 1-1/2" Ø

knot ~1-3/4" Ø





BSS-1-3/16	BSS-5/8
1-3/16" Ø	5/8" Ø
51" H	39-3/8" H



COLLAR MATERIAL & PLAIN STEEL

COLLAR STRIP

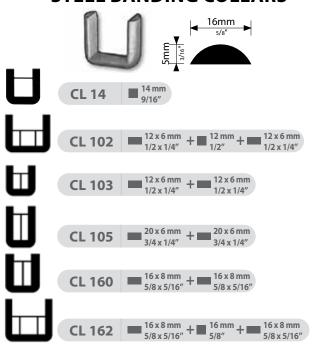
Make your own banding collars or use for other decorative applications.

Available in 9'10" lengths

NOTE: Many sizes are in metric and are a close approximation to the imperial dimensions



STEEL BANDING COLLARS





HALF OVAL Hot rolled steel

NOTE: Many sizes are in metric and are a close approximation to the imperial dimensions

HO-3/4"	3/4" x 3/16"	20'
HO-1"	1" x 9/32" (25x7mm)	19'8"
HO-1-1/4"	1-1/4" x 3/8" (30x10mm)	19'8"
HO-1-1/2"	1-1/2" x 3/8" (40x10mm)	19'8"
HO-2"	2" x 3/8" (50x10mm)	19'8"



HALF ROUND Hot rolled steel

1/2" x 1/4" 20' HR-5/8" 5/8 x 5/16" 20' NOTE: Many sizes HR-3/4" 19'8" 3/4" x 3/8" (20x10mm) are in metric and are a close HR-1" 1" x 1/2" 20' approximation **HR-1-1/4"** 1-1/4" x 5/8" (30x15mm) 19'8" to the imperial **HR-1-1/2"** 1-1/2" x 3/4" (40x20mm) 19'8" dimensions

PLAIN STEEL







SQUARE BAR (SOLID) Available in 20' lengths

4/44-20' 1/2" **4/46-20'** 3/4" **4/68-20'** 9/16" **4/47-20'** 1" **4/45-20'** 5/8" **4/48-20'** 1-1/4"



TUBING

Available in 24' lengths. 1/8" thick.

HANDRAIL BRACKETS

Decorative Steel Handrail Brackets



SMC3 Backplate: 3-3/8" dia. Bracket Arm: 9/16" Clearance from wall: 3-3/8"



SMC5 Backplate: 3-3/8" W x 5-7/8" H Bracket Arm: 9/16" Clearance from wall: 3-3/8"



103/243 Backplate: 1-3/4" W x 2-1/4" H Bracket Arm: 9/16" Clearance from wall: 2-1/2"



Saddle with one mounting hole

Dimensions: A = 2-1/2" B = 2-15/16"

C = 2-3/4"





bracket square base

Dimensions:

A = 2-1/2"

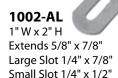
B = 2-5/8"

C = 2"

Aluminum Brackets



2-5/8" W x 2-7/8" H 1" Long, 3/16" Thick 3/8" Ø hole



1405/1 Backplate: 1" W x 5/16" H Bracket Arm: 1/2" Clearance from wall: 2-1/2"



1405/3 Backplate: 3-5/32" dia. Bracket Arm: 5/8" dia. Clearance from wall: 2-1/2"



1405/2 Backplate: 3-5/32" dia. Bracket Arm: 1/2" - 1/2" Clearance from wall: 2-1/2"



RAC20



Right angle steel connector for square posts, designed to be welded to upper and lower rails. Supplied with M10 hex socket head screw.





3/8" dia. (10mm)

1-430 Height: 5" Bracket Arm: 5/8" Clearance from wall: 5-3/8"



1003 2-7/8" W x 3-1/8" H Extends 7/8" x 7/8" 3/8" Ø hole



1002 1"W x 2"H Extends 5/8" x 7/8" Large Slot 1/4" x 7/8" Small Slot 1/4" x 1/2"

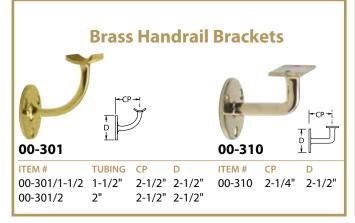
Steel Handrail Bracket with Polished & Lacquered Brass Rosette



SML31 Backplate: 2-15/16" dia. Bracket Arm: 5/8" Clearance from wall: 3-3/8"



SML32 Backplate: 3-1/2" dia. Bracket Arm: 9/16" Clearance from wall: 3-3/8"



>+< WAGNER HANDRAIL BRACKETS

Traditional Cast Ductile Iron Bracket

Round Saddle

Can be used for flat as well

1766

Backplate: 2-3/4" dia. Clearance from wall: 2-1/2"

1771

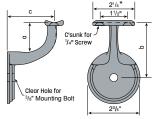
Backplate: 2-3/4" dia. Clearance from wall: 3-1/4"

Universal Saddle Fits Round and Flat Materials with One 3/8-16 Tapped Hole

Saddle Holes are clear for 1/4" screws.

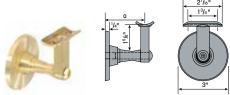
C	MALLEABLE IRON	SATIN ALUMINUM
2-1/2"	4591	4592
3-1/4"	4581	4582





Round Saddle Bracket with One Mounting Hole

Α	В	С	TYPE 304 SATIN STAINLESS	SATIN BRONZE
1-1/2"	2-15/16"	2-1/2"	1815	1813
1-1/2"	2-15/16"	3-1/4"	1816	1814



Wall Mount Handrail Bracket

Rotates to any angle. Single tapped 3/8"-16 hole.

Α	BRASS
2-3/8"	MB4251W*
2-7/8"	MB4301W*

*custom made

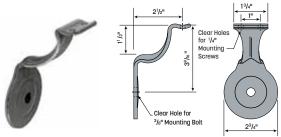
Formed Steel Brackets



3/16" Formed Brackets Universal saddle for use with round or flat handrail sections.

Backplate: 2-3/4" dia. Clearance from wall: 2-1/2" Clearance from wall: 3"

Backplate: 2-3/4" dia.



Redesigned Style B Bracket with One Hole

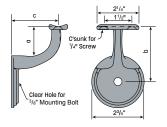
SATIN STAINLESS

2-1/2" 3419 3420 Mounting

Formed Extruded Style Bracket Flat Saddle

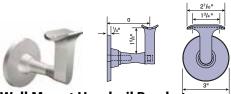
1/4" THICK STEEL 2-5/8" 3" 1978F





Flat Saddle Bracket with One Mounting Hole

			TYPE 304	SATIN
Α	В	C	SATIN STAINLESS	BRONZE
1-1/2"	2-15/16"	2-1/2"	1815F	1813F
1-1/2"	2-15/16"	3-1/4"	1816F	1814F

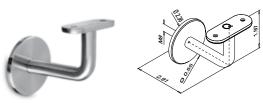


Wall Mount Handrail Bracket

Rotates to any angle. Single tapped 3/8"-16 hole.

	TYPE 316
Α	SATIN STAINLESS
2-3/4"	MB3250W
3-1/2"	MB3300W

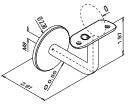
Q-railing HANDRAIL BRACKETS



Wall Mount Handrail Bracket for Square Tube

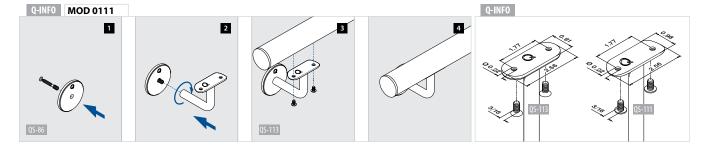
13.0111.000.12 304 **14.0111.000.12** 316

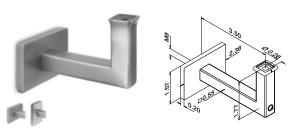




Wall Mount Handrail Bracket for Round Tube

ITEM	AISI	FITS
13.0111.038.12	304	1-1/2"
13.0111.048.12	304	1.9"
14.0111.038.12	316	1-1/2"
14.0111.048.12	316	1.9"





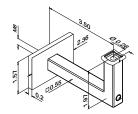
Square Line® Handrail Bracket for Square Tube

 ITEM
 AISI

 13.4111.000.12
 304

 14.4101.000.12
 316



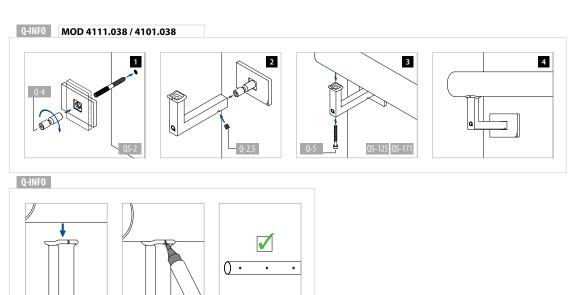


Square Line® Handrail Bracket for Round Tube

 ITEM
 AISI
 FITS

 13.4111.038.12
 304
 1-1/2"

 14.4101.038.12
 316
 1-1/2"





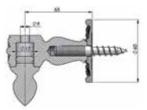
SIDE MOUNT BRACKETS

To install balusters on the side of the stringer.

Angle Brackets

Install the baluster in place by means of welding or screwing. Supplied with a M10 double thread screw.







Forged Steel Brackets



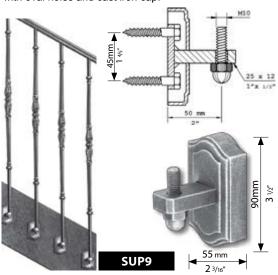
Height: 6-5/16" Wall Plate Size: 3-23/32" Wall Plate Size: 4-3/8" Size of Bar: 1/2"

Height: 10-5/8" Size of Bar: 1/2"

Steel Bracket with Oval Mounting Holes and Cast Iron Cap

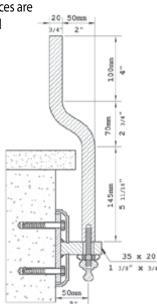
NOT SUITABLE FOR HOT DIP GALVANIZING.

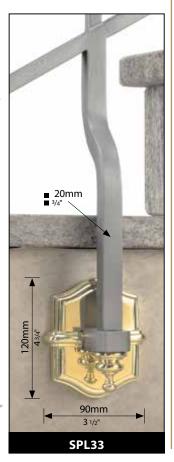
To fix balusters on the side of the stringer: Steel bracket with oval holes and cast iron cap.



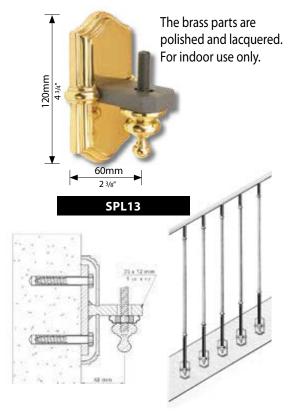
Bottom rail bracket consists of an 8 mm thick steel plate and a support arm formed from square steel bar. The brass covering pieces are

polished and lacquered. For indoor use only.





Steel Bracket with Oval Mounting Holes



FORGED NEWEL POSTS BY GRANDE FORGE

Decorative and heavy newel posts for stairs, balconies, railings, etc.



FOP555	FOP333	FOP111	P700	P630	P202	PS122
1-3/8" Ø top 1-3/8" sq. base 49-5/8" H	1-3/16" sq. 49-5/8" H	1-3/8" Ø 49-5/8" H	1-3/8" Ø 49-1/2" H	1-3/16" Ø 47-1/4" H	1" sq. 47-1/4" H	1" sq. 47-1/4" H



FORGED NEWEL POSTS

Decorative and heavy newel posts for stairs, balconies, railings, etc.



64/F/1	64/I/1	9-234	QC-17/05	17/3	797/1	799/1	112/9-POST	113/2	113/4
			1" dia. 47-1/4 H	1" sq. 47-1/4" H	1-3/16" dia. (not a smooth round) 47" H	1" sq. 43-5/16" H	1-3/16" sq. 47" H	1-3/16" sq. 43" H	1-3/16" sq. 43" H

FORGED STARTER NEWEL POSTS

Decorative and heavy starter posts for stairs, balconies, railings, etc.







matl. size 1-3/8" Ø



9-233 20-33 9-262 9-230 1" sq. 44" H 11-13/16" W x 43-5/16" H 1-3/16" sq. 37-3/8" H 22-13/16" W x 42-1/8" H.

ALL DIMENSIONS ARE APPROXIMATE.

matl. size 1-3/16" x 1"



These ornamental cast iron posts come in sections as shown, you weld.

NOTE: There is no standard way for attaching the posts to the ground.

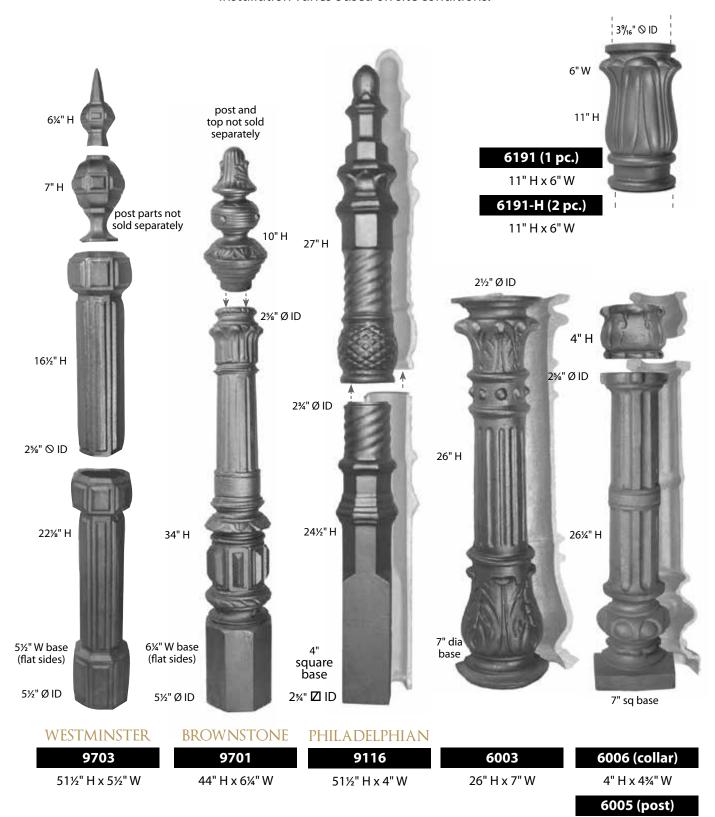
Installation varies based on site conditions.



These ornamental cast iron posts come in sections as shown, you weld.

NOTE: There is no standard way for attaching the posts to the ground.

Installation varies based on site conditions.

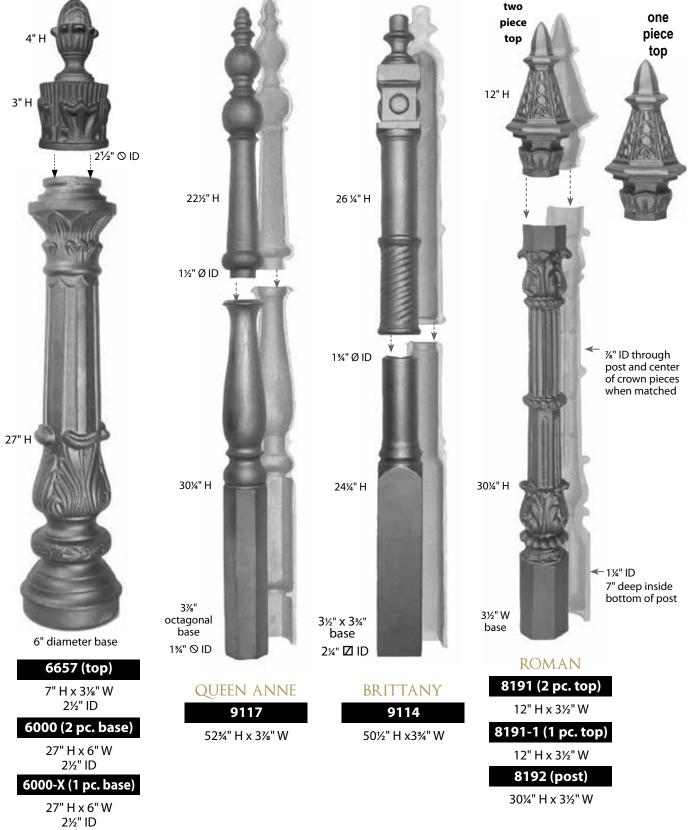


ALL DIMENSIONS ARE APPROXIMATE.

26¼" H x 7" W

These ornamental cast iron posts come in sections as shown, you weld.

NOTE: There is no standard way for attaching the posts to the ground. Installation varies based on site conditions.





These ornamental cast iron posts come in sections as shown, you weld.

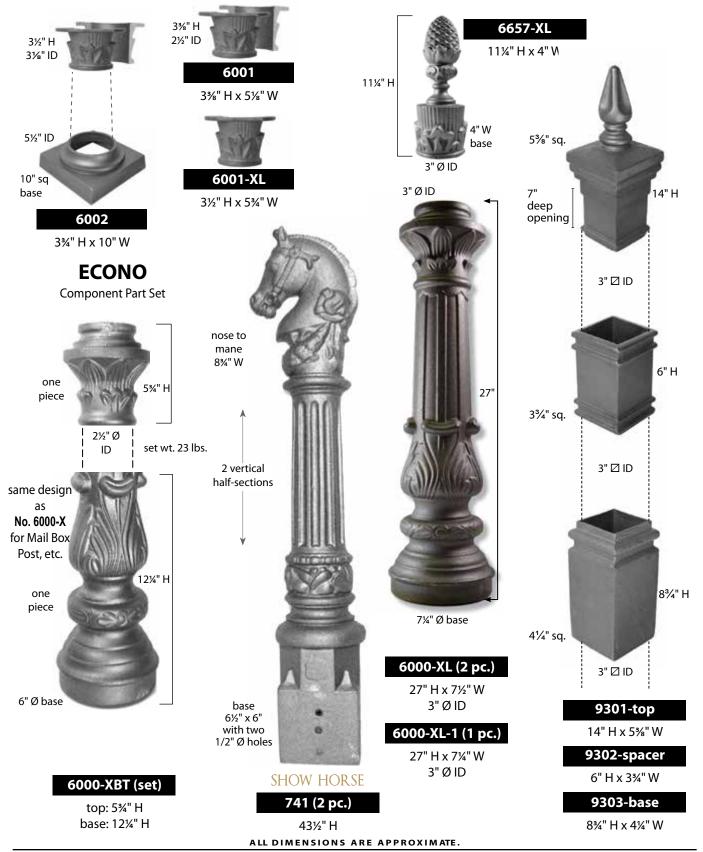
NOTE: There is no standard way for attaching the posts to the ground. Installation varies based on site conditions.



These ornamental cast iron posts come in sections as shown, you weld.

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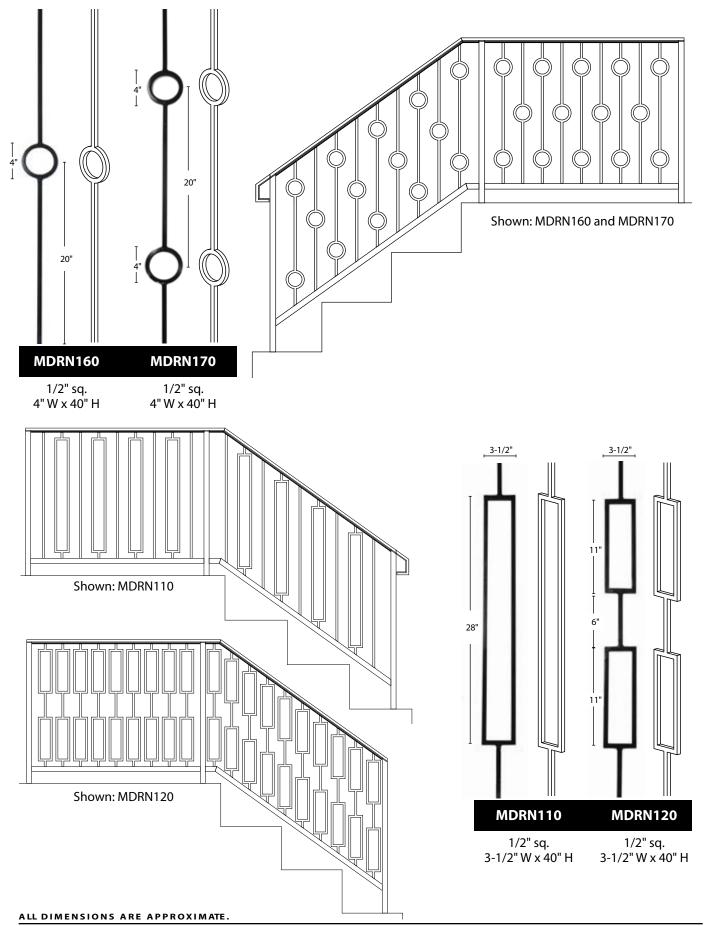
Installation varies based on site conditions.

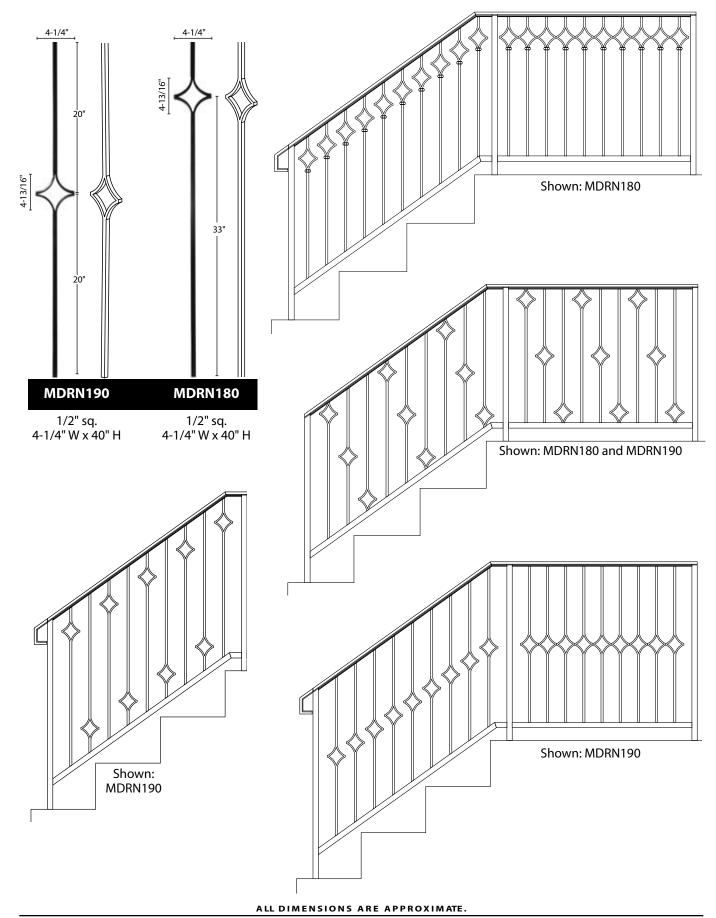


These ornamental cast iron posts come in sections as shown, you weld.

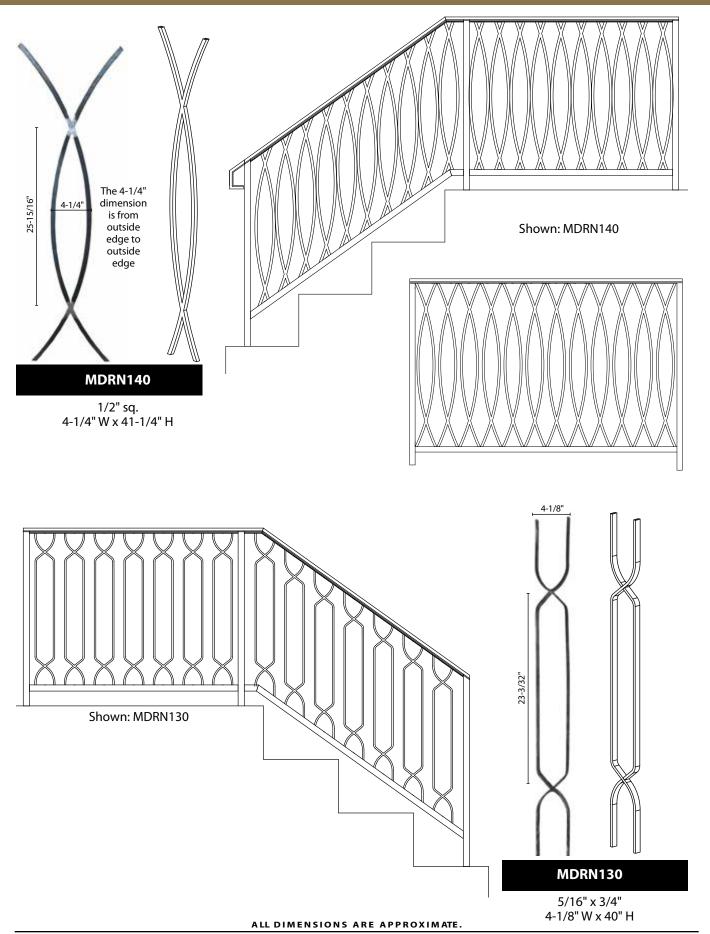
NOTE: There is no standard way for attaching the posts to the ground. Installation varies based on site conditions.



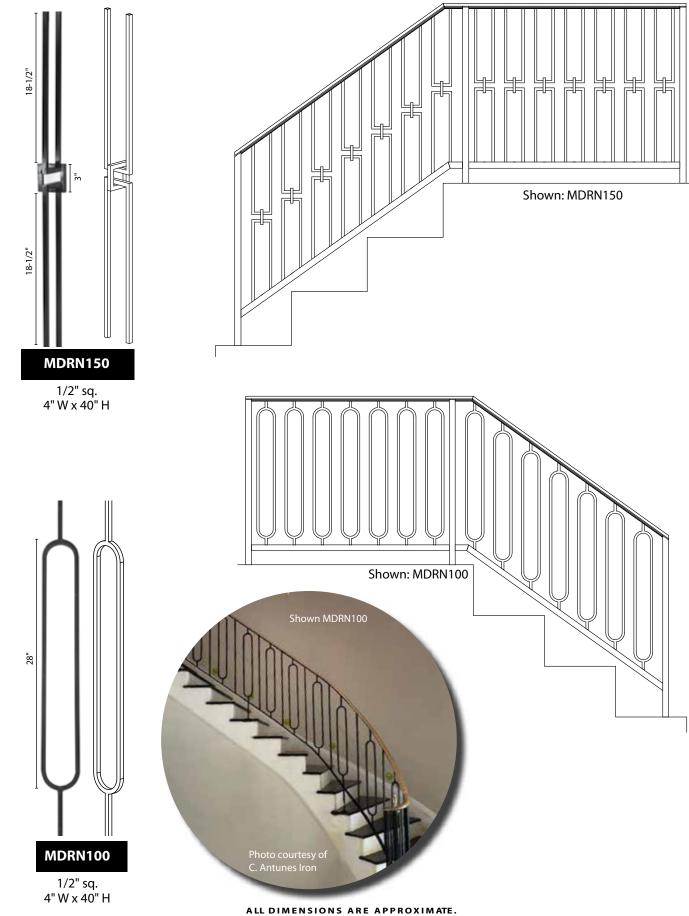




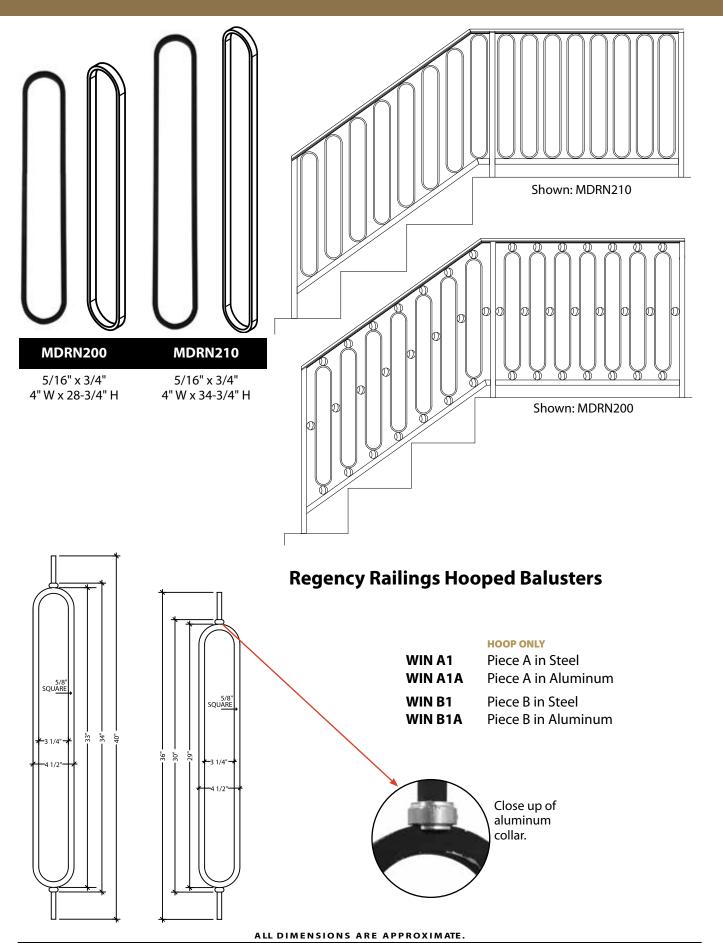
ADI

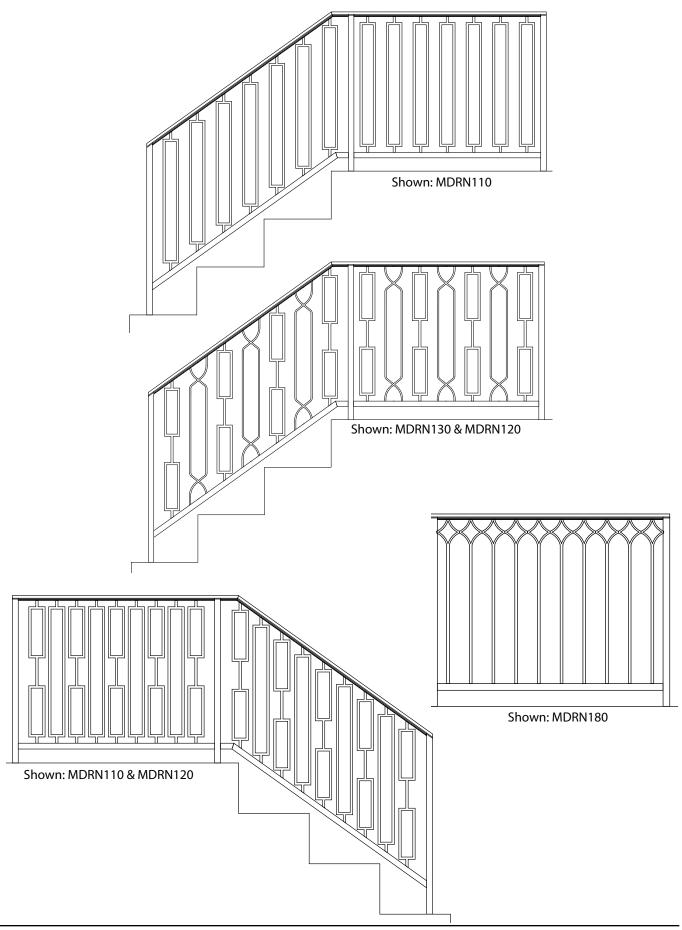


ADI

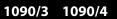










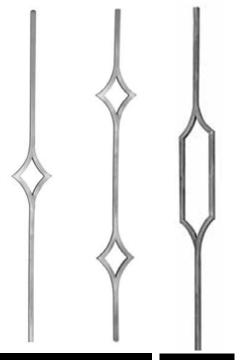


1/2" sq. 1/2" sq. 39-3/8" H





5-210	4-254	5-203
5/8" sq. 5-1/2" W 37-7/16" H	5/8" sq. 2-1/2" W 29-1/2" H	3-7/8" W x 39-3/8" H matl. size
		5/8" x 5/16"





GD23/1	GD25/1	GD243/2
9/16" sq.	9/16" sq.	1/2" sq.
4-23/32" W	4-23/32" W	4-5/16" W

39-3/8" H

39-3/8" H

ALL DIMENSIONS ARE APPROXIMATE.

39-3/8" H

MODERN POSTS AND BALUSTERS

SOHO™ Balustrade Collection from House of Forgings. Customize your style with a combination of brass, stainless steel or satin black steel for a truly sophisticated look.

SLEEVES

Steel Satin Black (Powder Coated) HFSTB16.4.1

Baluster Sleeve 20mm Ø 8" High

HFSTB16.4.3

Post Sleeve 35mm Ø 8" High

Brass Satin Polish

(Passivated)

HF18.4.1

Baluster Sleeve 20mm Ø 8" High

HF18.4.3

Post Sleeve 35mm Ø 8" High

Stainless Steel Satin Polish (304 Grade)

HF17.4.1

Baluster Sleeve 20mm Ø 8" High

HF17.4.3

Post Sleeve 35mm Ø 8" High

FLANGE COVERS

Fits 1-3/16" (35mm) Newel Posts. 4.13" Ø, .7" High



HFSTB16.4.5



HF18.4.5



HF17.4.5

TUBULAR NEWEL POSTS AND BALUSTERS

Steel Satin Black (Powder Coated)

HFSTB16.8.1

5/8" Ø 44" High

HFSTB16.5.11-T

1-3/16" Ø 47" High

Brass Satin Polish (Passivated)

HF18.8.1

5/8" Ø 44" High

HF18.8.3

1-3/16" Ø 47" High

Stainless Steel Satin Polish (304 Grade)

HF17.8.1

5/8" Ø 44" High

HF17.1.2-T

1-3/16" Ø 47" High

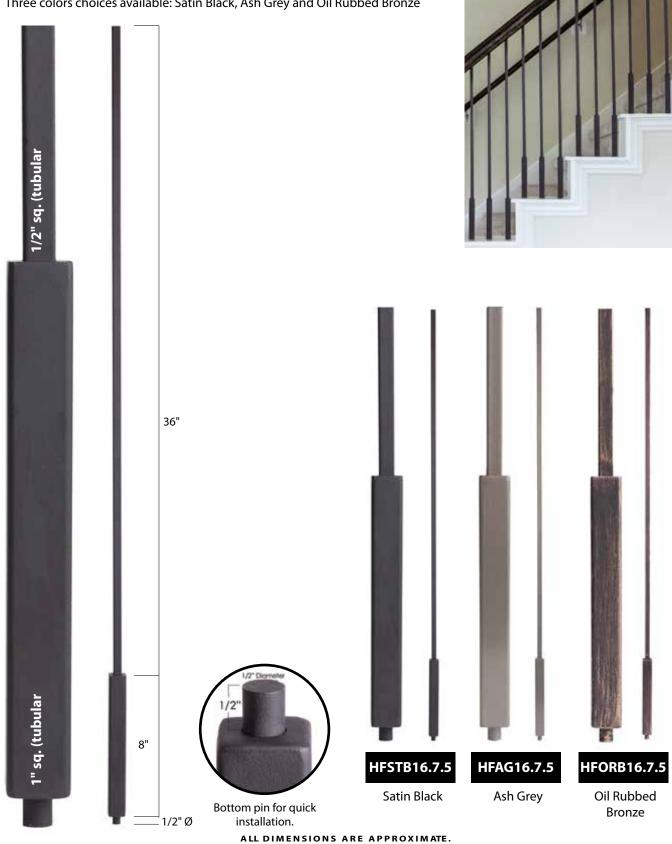




MODERN POSTS AND BALUSTERS

 $FOUNDATION^{\mathsf{TM}} \ Balusters \ from \ House \ of \ Forgings.$ Affordable style and ease of installation. No base shoes required for installation.

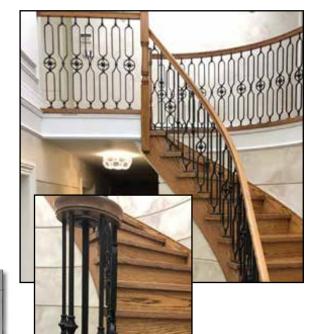
Three colors choices available: Satin Black, Ash Grey and Oil Rubbed Bronze



CITY SERIES FROM GRANDE FORGE



The City Series combines modern lines with authentic wrought iron work.





Create your own baluster or post by using the decorative collars below.

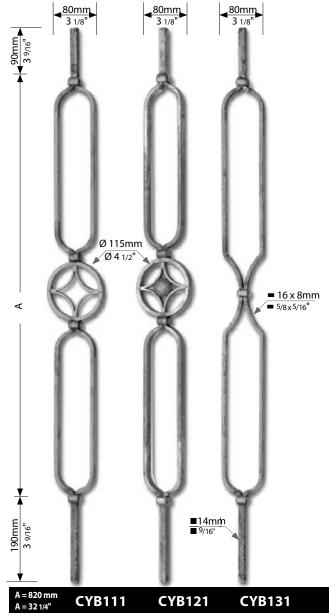


CS80





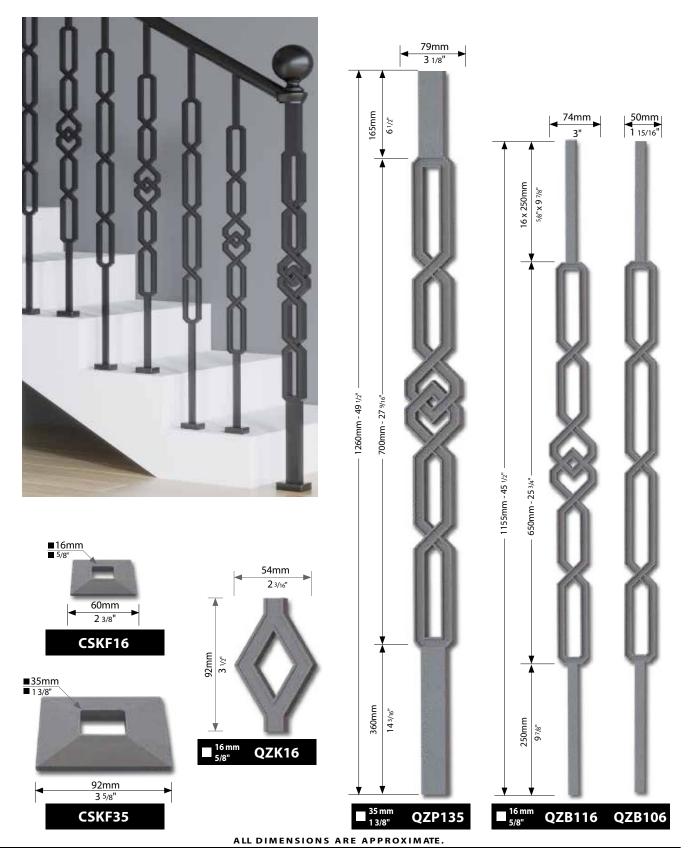






The QUARTZ collection stands out from reality to offer another form of expression beyond appearances. It focuses on vibrations, sensations, emotions. As the squares, rhombuses, triangles and rectangles settle on the walls, the ground and textiles, the banister becomes a bold and original piece within the home.





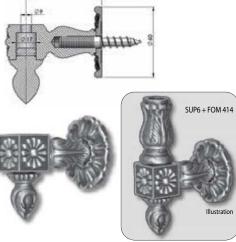
CAST IRON SERIES FROM GRANDE FORGE



Genuine work of art. The original models have been carved by Mr. René DEIBER named "best worker of France". Starting posts and balusters, body in cast iron and the ends in mild steel. This allows for an assembly of the railing by welding. **NOT SUITABLE FOR HOT DIP GALVANIZING.**



Steel angle bracket. Fix the baluster in place by means of welding or screwing. Supplied with a 10 mm double thread screw.



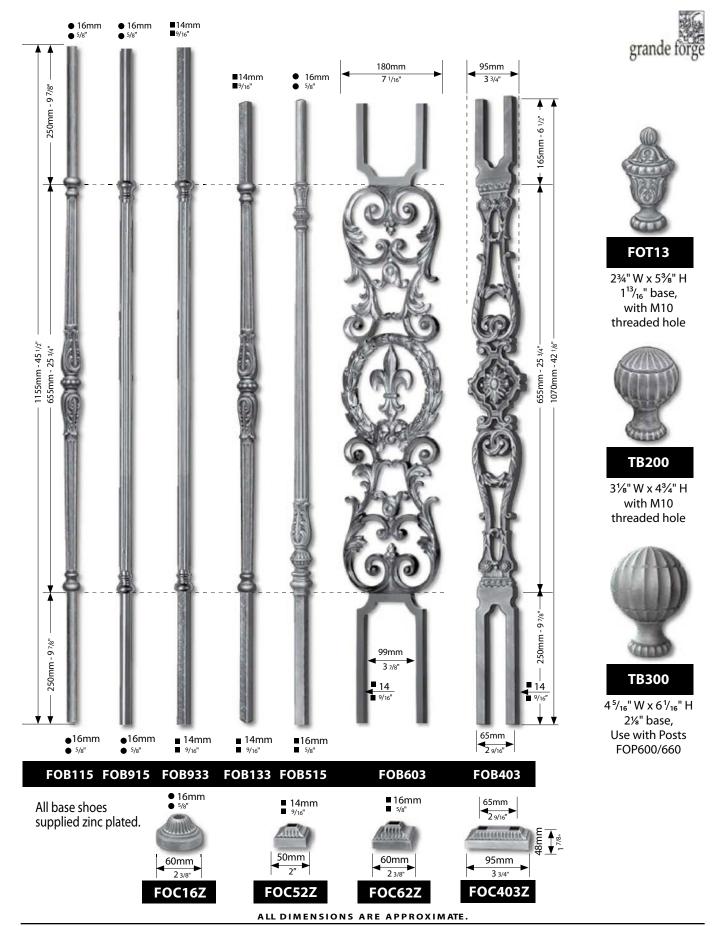


A=1010 mm A=39 3/4" FOP600 A=1110 mm A=43 1106" FOP660

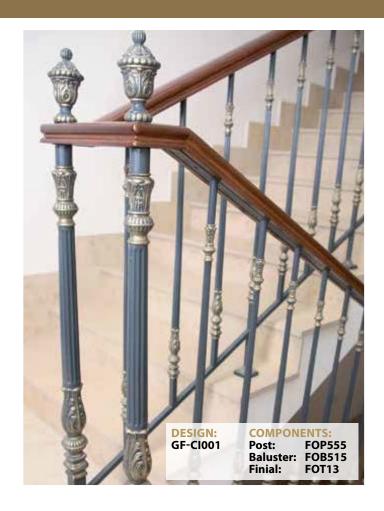
Post supplied with base shoe.

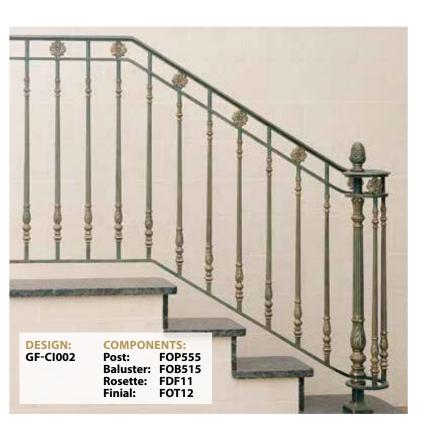
FOP555 FOP333 FOP111

CAST IRON SERIES FROM GRANDE FORGE



CAST IRON SERIES FROM GRANDE FORGE











DESIGN:

GF-MZ001

COMPONENTS:

Post: FOP555 Infill

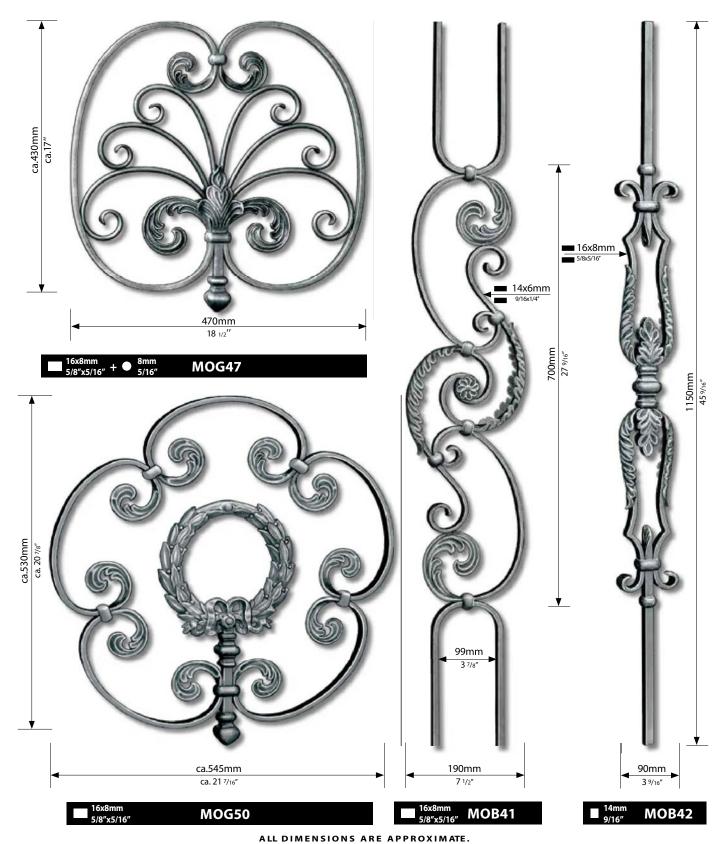
Panels: MOG55

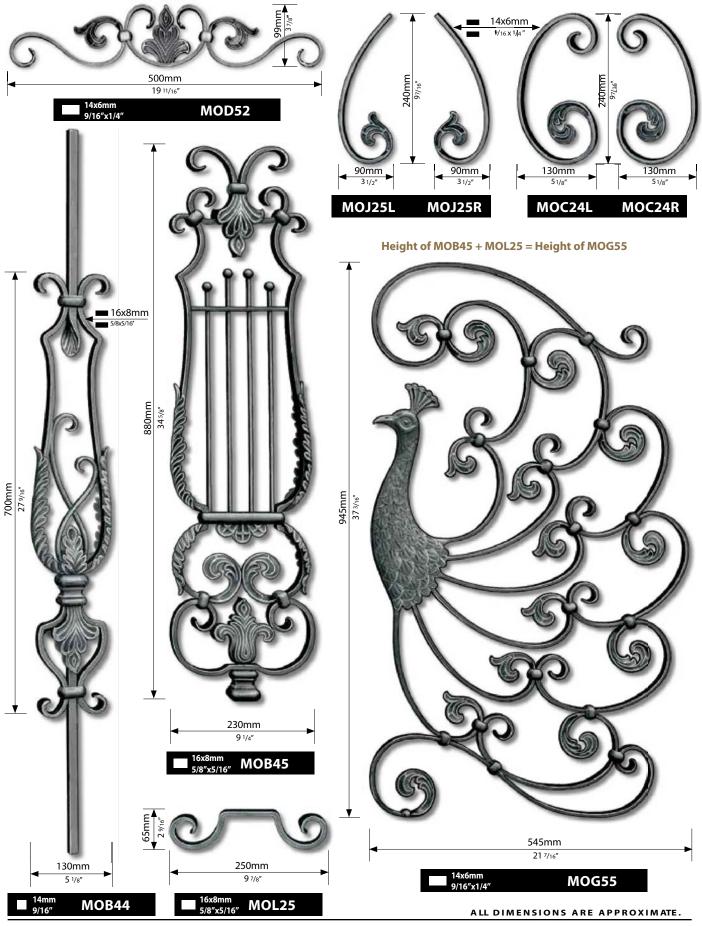
MOB45 MOB41 Baluster: FOB515 Finial: TB200 Base Shoe: FOC62Z

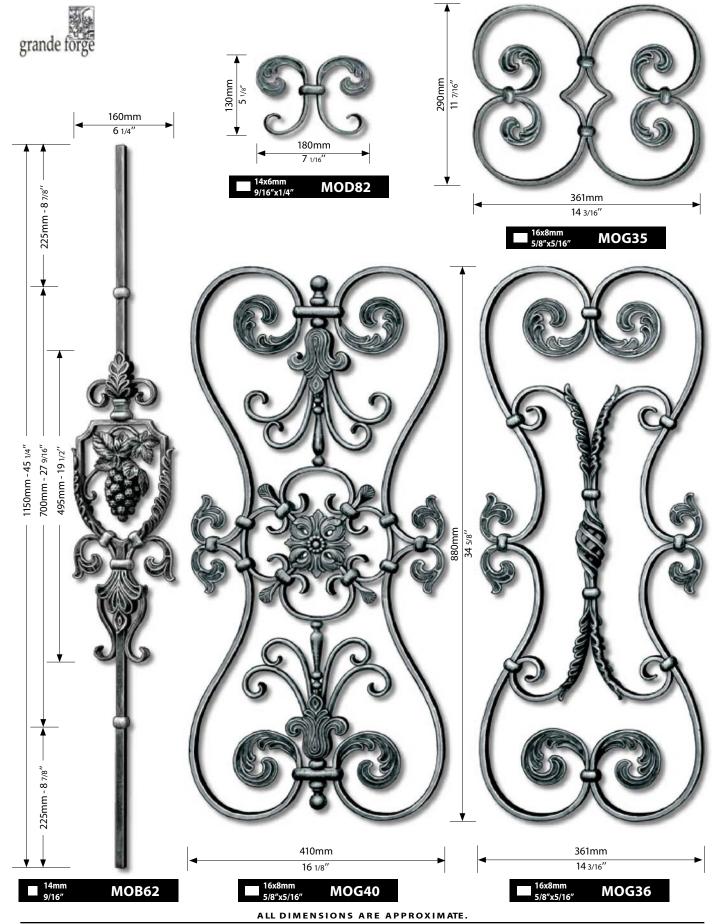




Stylistic composition takes on its full meaning in the Mozart line, elegantly combining the exuberance of leaves and flowers or of a "stylized peacock." Mozart invites you to recreate the splendor of metalworks in ancient palaces. **AVAILABLE IN A PATINATED FINISH UPON REQUEST.**











RONDE SERIES FROM GRANDE FORGE



Balusters and posts made of steel by lathe work. The brass pieces are polished and protected by a special lacquer. Items BL715, BL725 and PL705 are for indoor use.

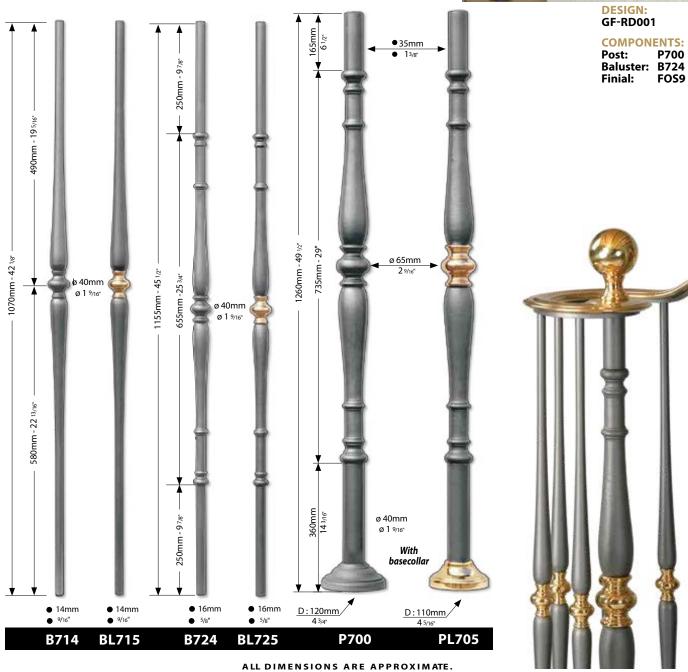
ALSO AVAILABLE IN THESE FINISHES











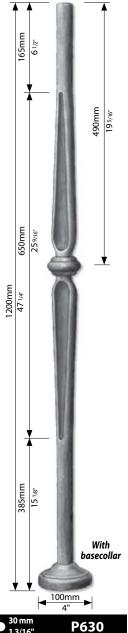
RONDE SERIES FROM GRANDE FORGE









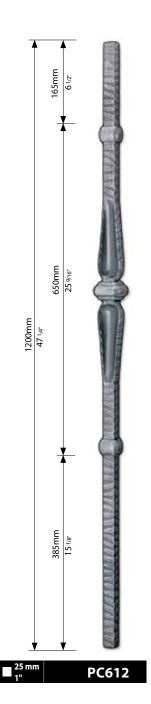


CASTEL SERIES FROM GRANDE FORGE



It's hard to resist these chiseled balusters with a very structured style. They inspire a warm and authentic atmosphere, reassuring, as they inevitably evoke the spirit of the home. This collection skillfully mixes a countryside spirit with classic chic style.





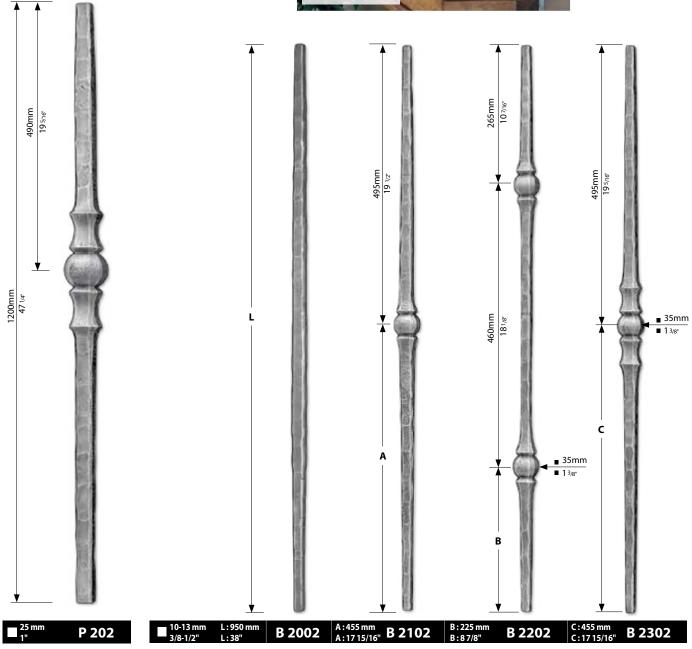


MASTERS SERIES FROM GRANDE FORGE

True masterpieces, these balusters and posts are forged in one piece, thus appears slight dimensional variations between the elements. They create a smooth, peaceful, and customized atmosphere in your interior. Depending on the shape of your staircase, MASTERS's balusters can be discreet or on the contrary, draw attention to your staircase, in association with warm colors.



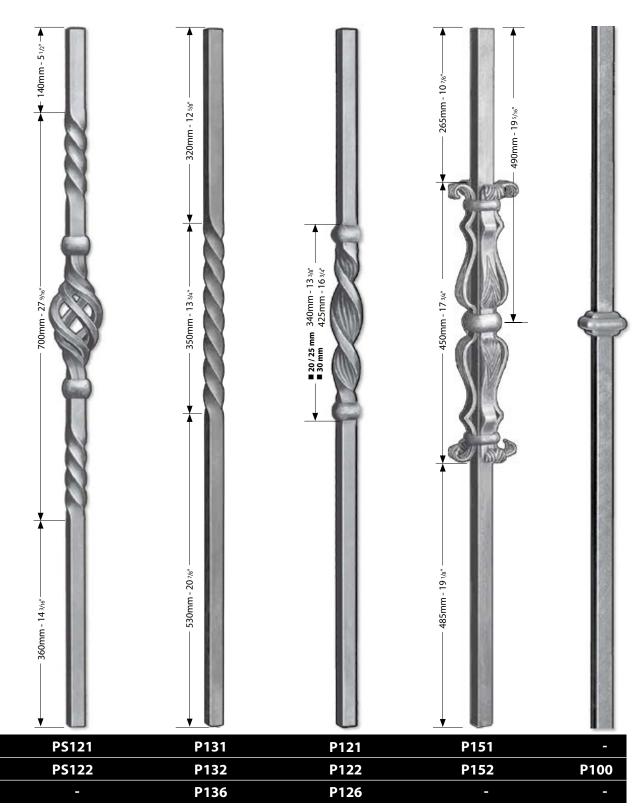






Different from an ordinary twisted bar, these balusters and posts have been hot forged first. Due to the relief of the forge the twists are particularly effective and beautiful.

These balusters and posts meet the demands for a fine and artistic forging to create a perfect harmony of the lines and forms.



DESIGN: GF-TR007 **COMPONENTS:** Post: P102 Baluster: B0206 B0106 B0706

DESIGN: GF-TR002

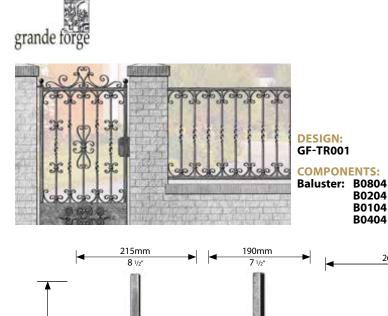
COMPONENTS:
Post: P102
Baluster: B0201 B0901







1/2 X 39 3/0								- A.23 3/10
14 x 1150 mm 9/16" x 45 1/2"	B1014	B1914	B0104	B0204	B0804	B0704	B0904	B4004 A:650 mm A:25 9/16"
16 x 1150 mm 5/8" x 45 1/2"	B1016	B1916	B0106	B0206	B0806	B0706	-	B4006 A:700 mm



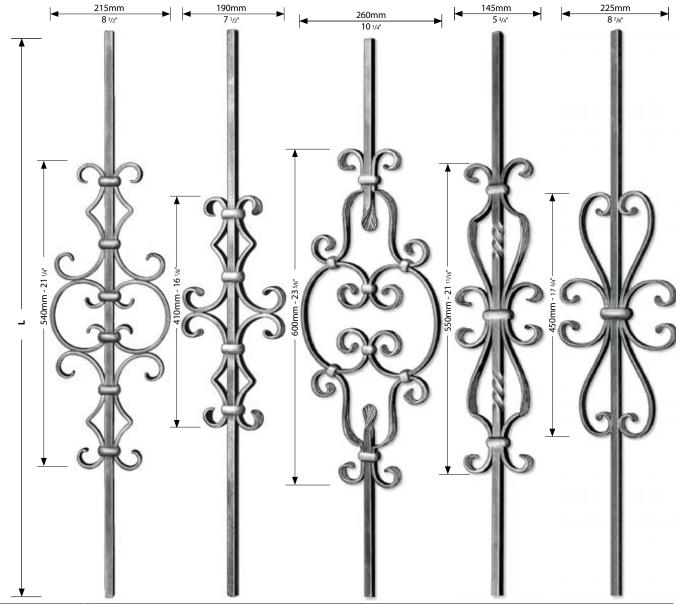
DESIGN: GF-TR003

COMPONENTS:

Post: P102 Baluster: B1801 B0201 B0701



Baluster: B0804 B0204 B0104



12 mm L:1000 mm 1/2" L:39 3/8" B2711 B3601 B3711 B1801 B0401 14 mm L:1150 mm B3714 B2714 B1804 B3604 **B0404** 9/16" L:45 1/2"





DESIGN: GF-TR008

COMPONENTS:

Balusters: B3006 B4006 B9116 B9206

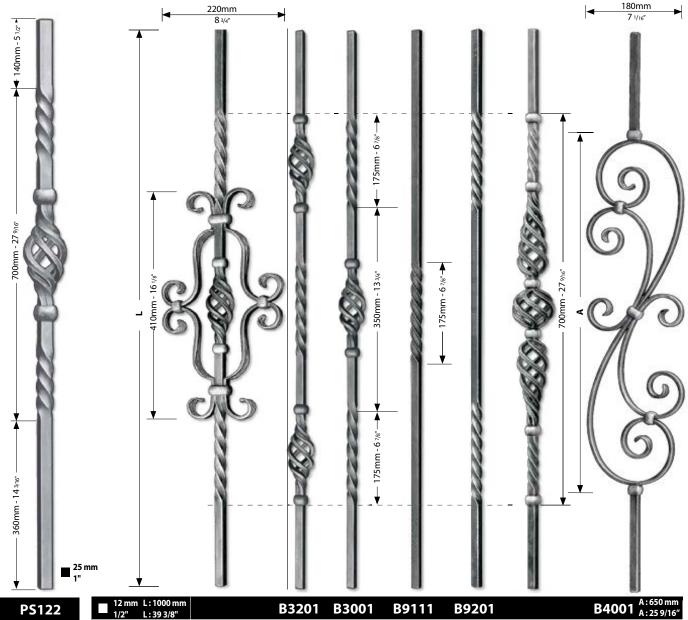
DESIGN:

GF-TR010

COMPONENTS:

Post: **PS122 Baluster:** B3204 Panel: MOG36 Finials: FOT15 FOT8





B3204

B3206

B3004

B3006

ALL DIMENSIONS ARE APPROXIMATE.

B9114

B9116

B9204

B9206

B3104

B1704

L:39 3/8"

14 mm L:1150 mm 9/16" L:45 1/2"

16 mm L:1150 mm

B4004 A: 650 mm A: 25 9/16"

B4006 A: 700 mm

RUSTIQUE SERIES FROM GRANDE FORGE





DESIGN: GF-RS002

COMPONENTS:

Post: PR812 Balusters: B7401 B8101

Finial: FOT12 Base Shoe: FOC83

DESIGN: GF-RS001

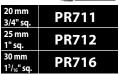
COMPONENTS:

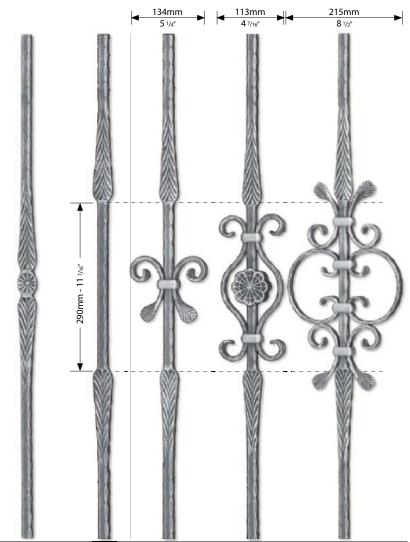
Post: PR712 Balusters: B7501 B7201 Finial: FOT8

Finial: FOT8 Base Shoe: CS250



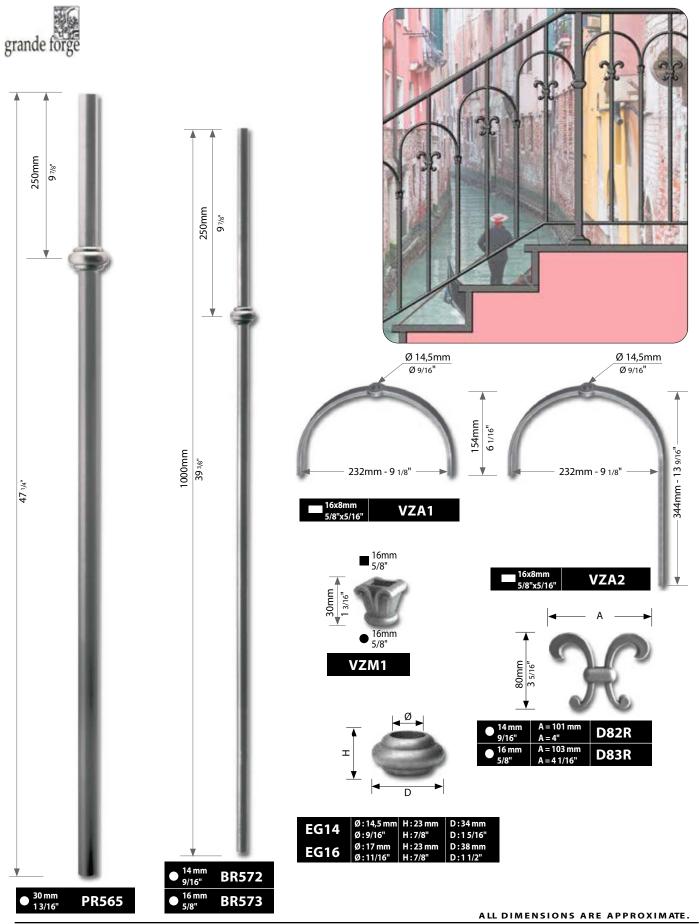






12 mm L:1000 mm 1/2" L:39 3/8"	B7101	B7201	B7401	B7501	B7601	
14 mm L:1150 mm 9/16" L:45 1/2"	B7104	B7204	B7404	B7504	B7604	
16 mm L:1150 mm 5/8" L:45 1/2"	B7106	B7206	B7406	-	B7606	

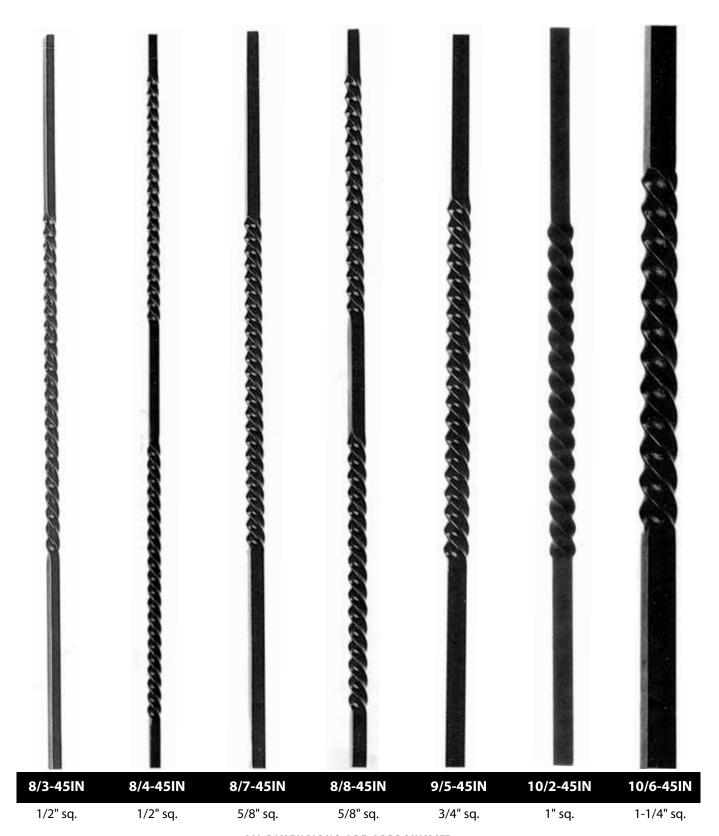
VENEZIA SERIES FROM GRANDE FORGE



TWISTED BAR

Available in a variety of sizes, for railing, balustrades, gates, etc. All supplied in 45" lengths, but can be made to most lengths on request.

NOTE: Bars shown are 35" long. They are extended 10" at the bottom to make 45".





The Cherin Series by RikFer - The Feeling of Living Metal





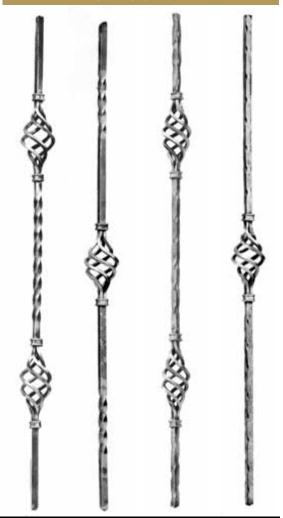


Since each post and baluster is hand forged, design and measurements could vary.

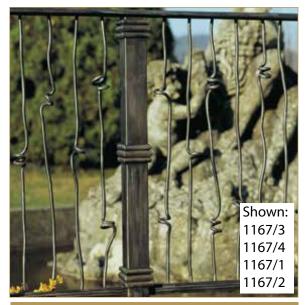
1-1/2" sq. 1-1/8" sq. 7/8" sq. 39-3/8" H (1000mm) 42-1/8" H (1070mm)



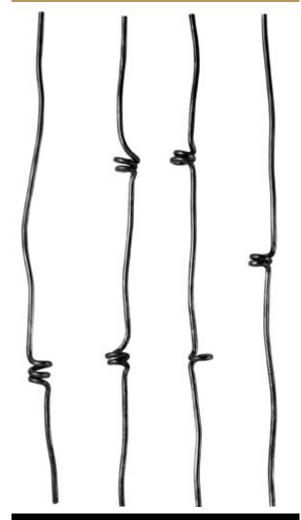
CAGES ON BAR



48/1	48/2	48/3	48/4
1/2" sq.	1/2" sq.	1/2" sq.	1/2" sq.
35-7/16" H	35-7/16" H	35-7/16" H	35-7/16" H



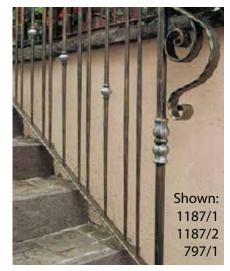
KNOTTED BARS



1167/3	1167/4	1167/1	1167/2
1/2" dia.	1/2" dia.	1/2" dia.	1/2" dia.
39-3/8" H	39-3/8" H	39-3/8" H	39-3/8" H



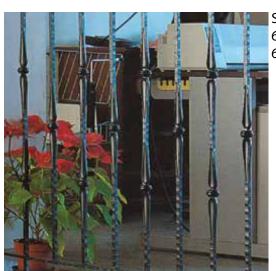






SF7113	490/2	490/1	1192/5	1192/6	504/2	504/3	1187/1	1187/2
1/2" sq. (13mm)		1/2" sq.	3/8" sq.	3/8" sq.	9/16" dia.	9/16" dia.	1/2" dia.	1/2" dia.
39-3/8" H	39-3/8" H	39-1/2" H	39-3/8" H	39-3/8" H	39-3/8" H	39-3/8" H	39-3/8" H	39-3/8" F

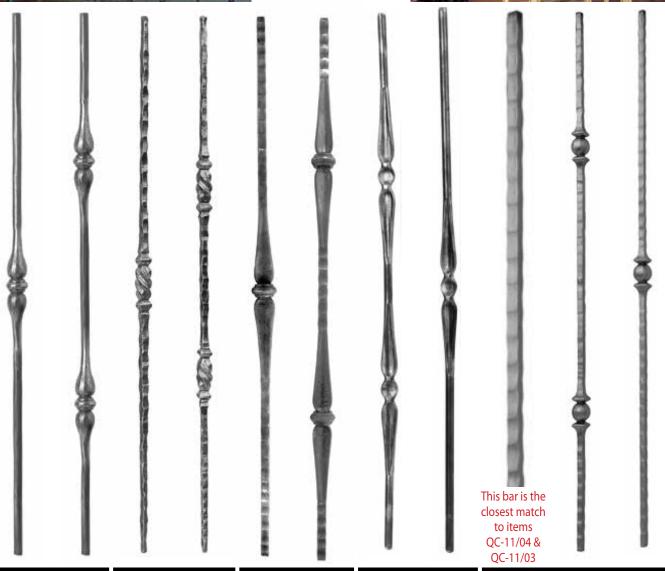




Shown: 64/I/3 64/I/2

Shown: QC-902 64/L/4





QC-14/01 QC-14/02 QC-13/11 QC-13/12 64/1/3 64/1/2 64/L/3 64/L/4 QC-11/03 105/3 QC-11/04 9/16" sq. 9/16" dia. 9/16" dia. 9/16" sq. 9/16" sq. 9/16" sq. 9/16" dia. 9/16" dia. 9/16" sq. 1/2" sq. 1/2" sq. 39-1/2" H 39-1/2" H 39-1/2" H 39-1/2" H 35-7/16" H 35-7/16" H 35-7/16" H 39-3/8" H 39-1/2" H 39-1/2" H





ADI

Create a classic & unique design using these balusters with a notched hole.













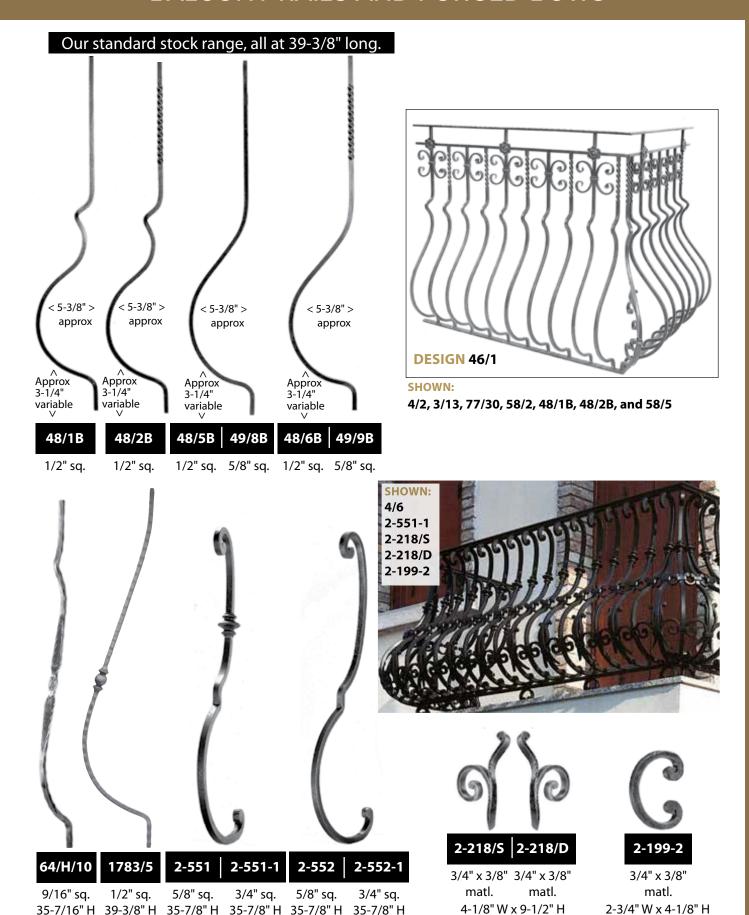
9/16" sq. bar and 5/8" x 5/16" flat bar

36-1/4" H x 9-1/4" W

9/16" sq. bar and 5/8" x 5/16" flat bar 31-7/8" H x 9-1/2" W 9/16" sq. bar and 5/8" x 5/16" flat bar 39-3/4" H x 8-3/4" W

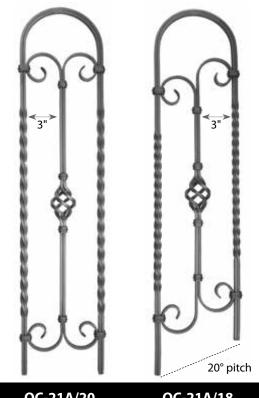
5-207

BALCONY RAILS AND FORGED BOWS

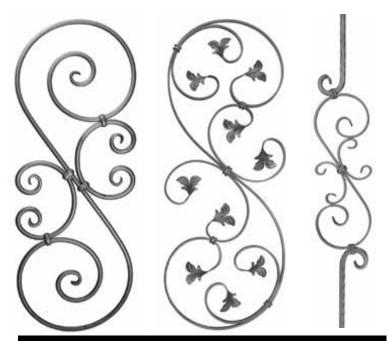


ALL DIMENSIONS ARE APPROXIMATE.

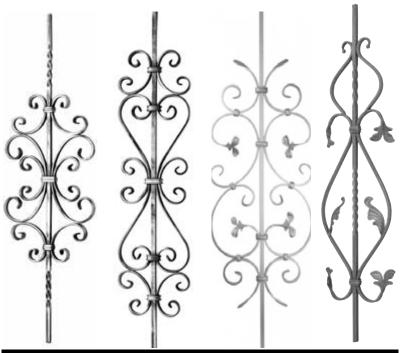
35-7/16" H 39-3/8" H 35-7/8" H 35-7/8" H 35-7/8" H



QC-21A/20	QC-21A/18
1/2" sq.	1/2" sq.
8-1/2" W x 36-1/4" H	8-1/2" W x 35-1/2" H



QC-902	QC-21/09	QC-21E/20
9/16" Ø	1/2" x 1/4" matl.	1/2" sq.
13-1/2" W x	13" W x 34" H	6" W x
35-1/2" H		36-1/2" H

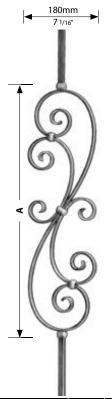


52/F/1	52/E/2	PL35	52/2
1/2" sq.	1/2" sq.	1/2" sq.	1/2" sq.
10-1/4" W x	7-1/4" W x	11-13/16" W x	9-1/4" W x
35-7/16" H	35-7/16" H	39-3/8" H	35-7/16" H

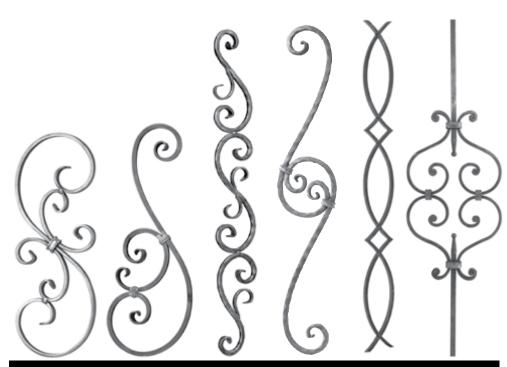




685/5	685/6	52/1	1046/1	1051/5
1/2" Ø	1/2" Ø	1/2" x 1/4"	1/2" sq.	1/2" x 1/4"
14-3/16" W x	14-3/16" W x	13-3/4" W x	9-27/32" W x	7-9/32" W x
31-29/32" H	31-29/32" H	34-1/4" H	35-7/16" H	23-5/8" H



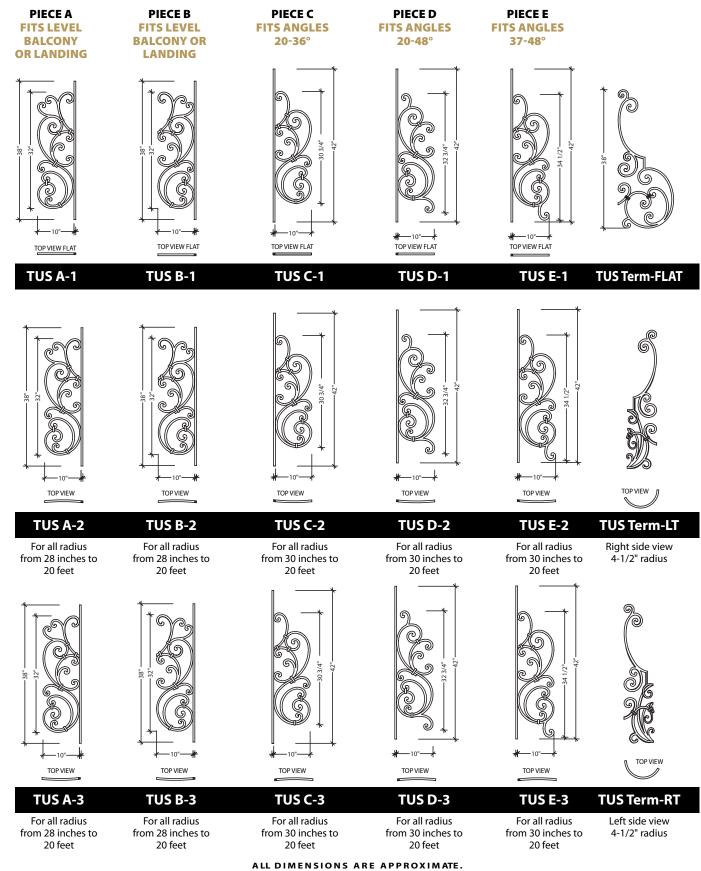
B4001 A:650 mm A:25 9/16"	1/2" sq	39-3/8" H
B4004 A: 650 mm	9/16" sq	45-1/2" H
B4006 A: 700 mm A: 27 9/16"	5/8" sq	45-1/2" H



	1051/4	1050/3	511/1	103/2	5-203	6-242
,	1/2" x 1/4"	9/16" sq.	1/2" sq.	1/2" sq.	3-7/8" W x	9/16" sq.
	5-29/32" W x	10-7/16" W x	4-15/16" W x	6-1/2" W x	39-3/8" H	9-7/16" W x
	15-3/4" H	28-3/8" H	35-7/16" H	33-3/8" H	matl. size	39-3/8" H
	ALL DIME	NSIONS ARE AI		5/8" x 5/16"		

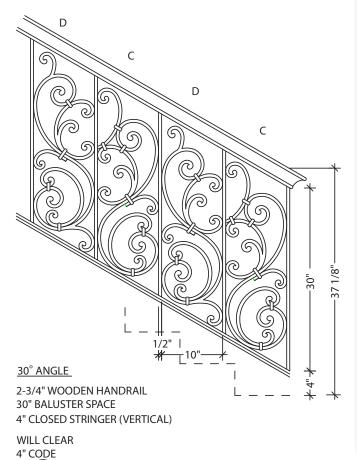
Tuscany panels are 1/2" square.

All railing panels come painted textured black. The panels can be painted over. If powdercoating is an option, the panels must be sandblasted and cleaned first and then powder coated.



REGENCY RAILINGS TUSCANY PANELS

Tuscany panels are 1/2" square.





3" WOODEN HANDRAIL 33" BALUSTER SPACE

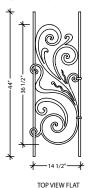
BALCONY

WILL CLEAR 4" CODE

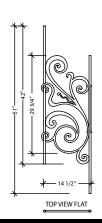
Rebecca panels are 1/2" round and side bars are 5/8" round.

All railing panels come painted textured black. The panels can be painted over. If powdercoating is an option, the panels must be sandblasted and cleaned first and then powder coated.

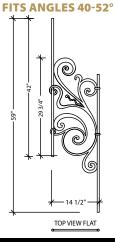


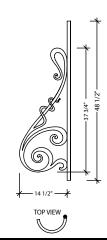


PIECE B FITS ANGLES 23-39°



PIECE C



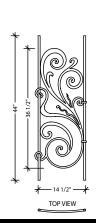


RB A-1

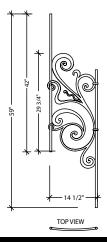
RB B-1

RB C-1

RB Term









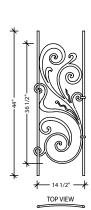
RB A-2

RB B-2

RB C-2

RB Term

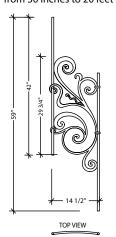
For all radius from 28 inches to 20 feet



For all radius from 30 inches to 20 feet



For all radius from 30 inches to 20 feet



Right termination 4-1/2" radius



RB A-3

For all radius from 28 inches to 20 feet

RB B-3

For all radius from 30 inches to 20 feet

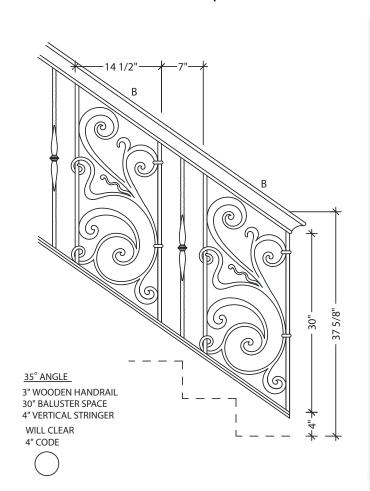
RB C-3

For all radius from 30 inches to 20 feet

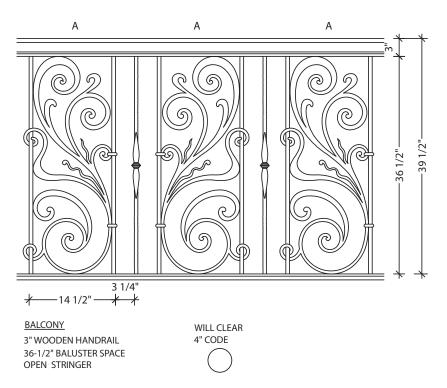
ALL DIMENSIONS ARE APPROXIMATE.

REGENCY RAILINGS REBECCA PANELS

Rebecca panels are 1/2" round and side bars are 5/8" round.



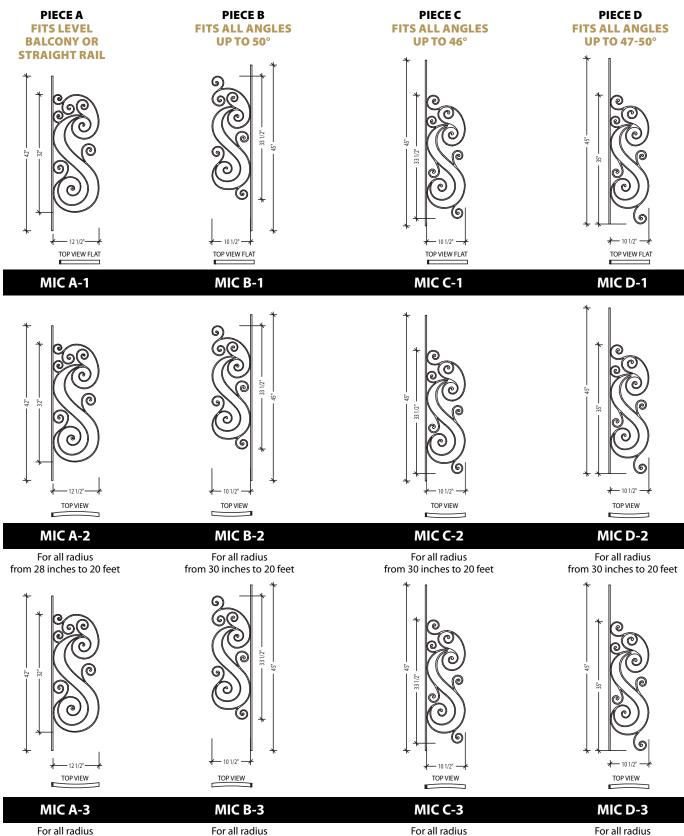




REGENCY RAILINGS MICHELLE PANELS

Michelle panels are 1/4" x 1" flat bar and side bars are 3/8" x 1" flat bar.

All railing panels come painted textured black. The panels can be painted over. If powdercoating is an option, the panels must be sandblasted and cleaned first and then powder coated.



ALL DIMENSIONS ARE APPROXIMATE.

from 30 inches to 20 feet

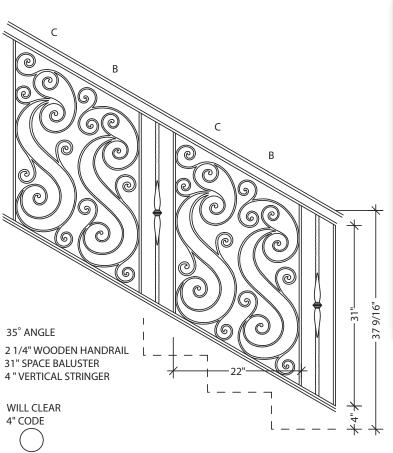
from 30 inches to 20 feet

from 30 inches to 20 feet

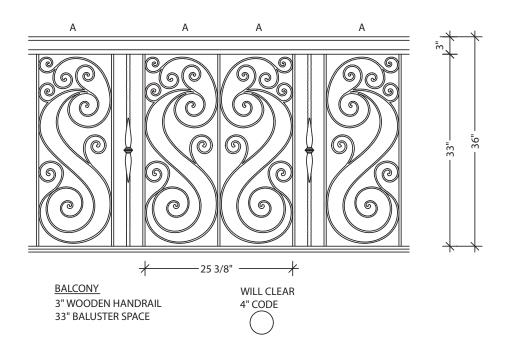
from 28 inches to 20 feet

REGENCY RAILINGS MICHELLE PANELS

Michelle panels are 1/4" x 1" flat bar and side bars are 3/8" x 1" flat bar.







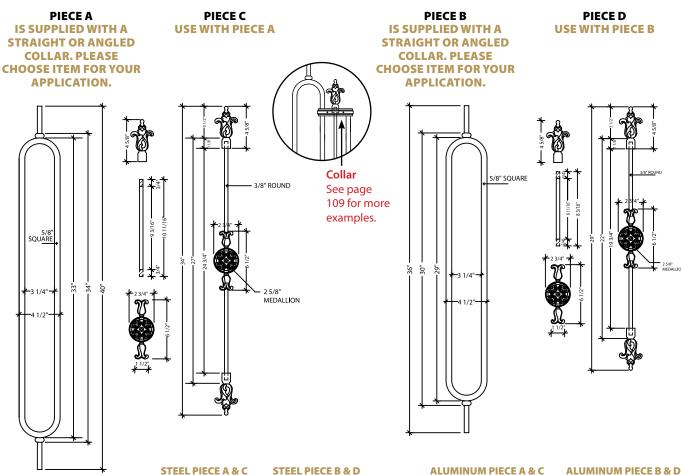
REGENCY RAILINGS WINDSOR I PANELS

Windsor I hoops are 5/8" square bar and the center bar of piece C & D is 3/8" round.

Windsor I is sold in sets and includes one hoop, two collars, two fleur de lis, two threaded rods, and one center medallion.

All railing panels come painted textured black. The panels can be painted over. If powdercoating is an option, the panels must be sandblasted and cleaned first and then powder coated.

Available in steel and aluminum (see page 224).



For straight applications Fits angles 21° to 27° Fits angles 28° to 34° Fits angles 35° to 42° Fits angles 43° to 49° WIN A1C-0 WIN A1C-24 WIN A1C-31 WIN A1C-39 WIN A1C-46 WIN B1D-0 WIN B1D-24 WIN B1D-31 WIN B1D-39 WIN B1D-46

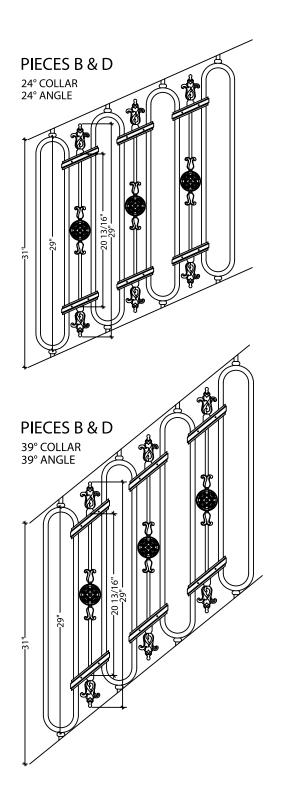
WIN A1AC-0 WIN A1AC-24 WIN A1AC-31 WIN A1AC-39 WIN A1AC-46 WIN B1AD-0 WIN B1AD-24 WIN B1AD-31 WIN B1AD-39 WIN B1AD-46

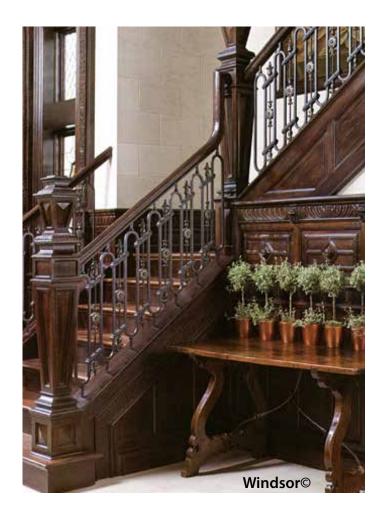




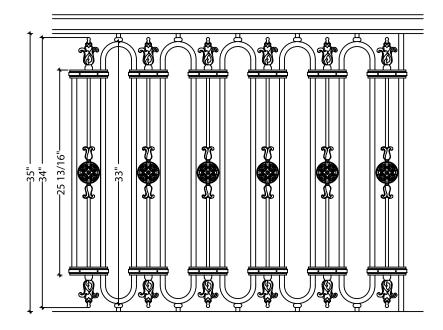
WIN A1 WIN A1A WIN B1 WIN B1A Piece A in Steel
Piece A in Aluminum

Piece B in Steel
Piece B in Aluminum



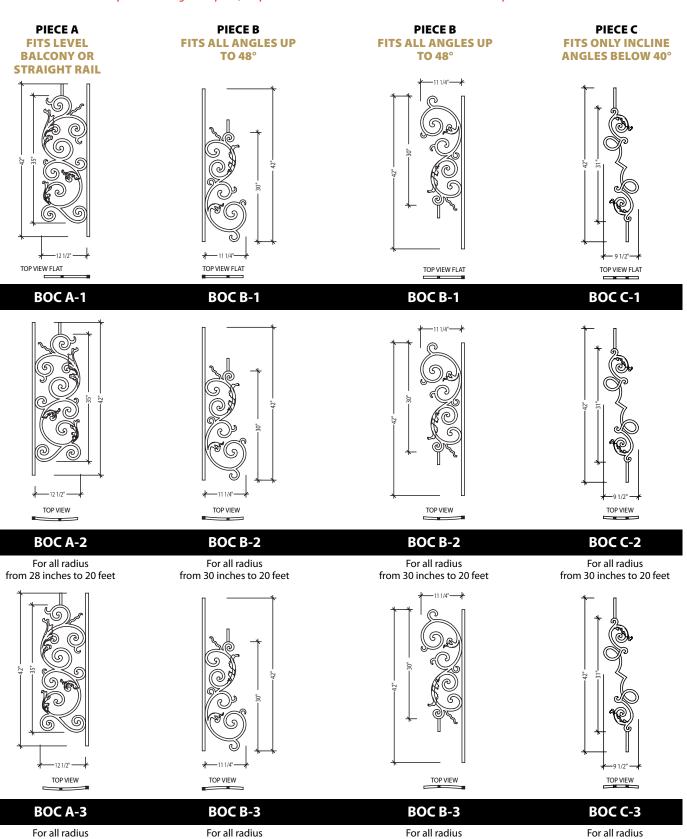


PIECES A & C



Bordeaux panels are 5/8" square and side bars are 3/4" square tube.

All railing panels come painted textured black. The panels can be painted over. If powdercoating is an option, the panels must be sandblasted and cleaned first and then powder coated.



ALL DIMENSIONS ARE APPROXIMATE.

from 30 inches to 20 feet

from 30 inches to 20 feet

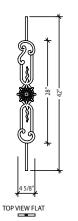
from 30 inches to 20 feet

from 28 inches to 20 feet'

REGENCY RAILINGS BORDEAUX PANELS

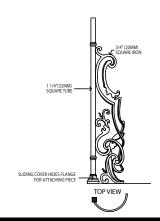
Bordeaux panels are 5/8" square and side bars are 3/4" square tube.



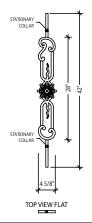


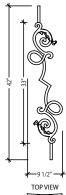
PIECE E FITS ONLY ANGLES ABOVE 40°

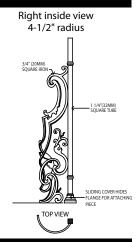




BOC D BOC E-1 BOC Term







BOCF

Fits level balcony or



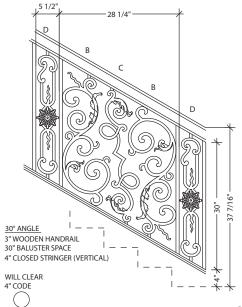


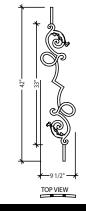
BOC E-2

For all radius from 30 inches to 20 feet

BOC Term

Left inside view 4-1/2" radius





BOC E-3

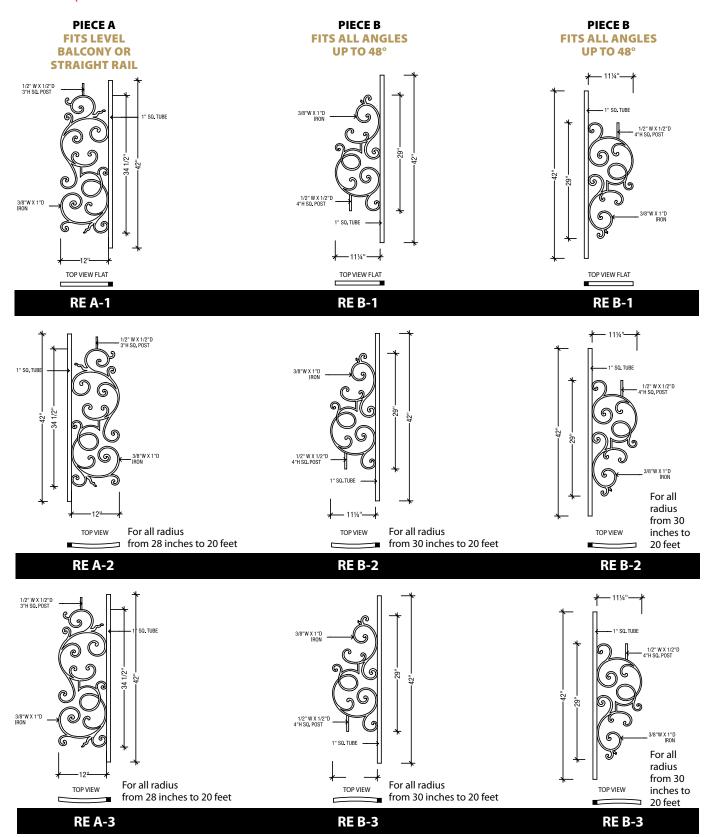
For all radius from 30 inches to 20 feet



REGENCY RAILINGS REGENCY PANELS

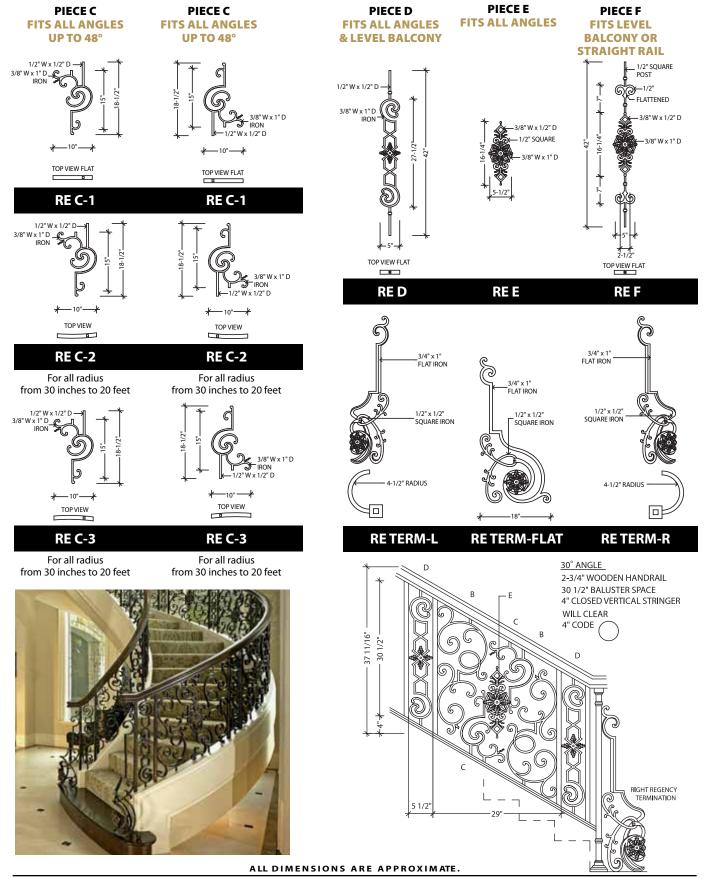
Regency panels include a 1/2" sq. post at 3" or 4" tall depending on the panel chosen. The scroll design is made of 3/8" x 1" flat bar. The side bars are 1" square tube.

All railing panels come painted textured black. The panels can be painted over. If powdercoating is an option, the panels must be sandblasted and cleaned first and then powder coated.



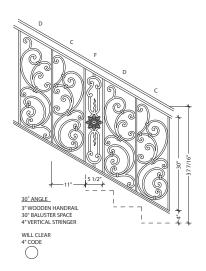
REGENCY RAILINGS REGENCY PANELS

Regency panels include a 1/2" sq. post at 3" or 4" tall depending on the panel chosen. The scroll design is made of 3/8" x 1" flat bar. The side bars are 1" square tube.

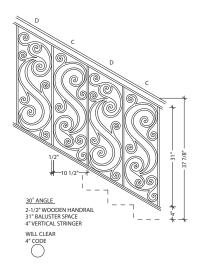


MORE PREFABRICATED PANELS OFFERED

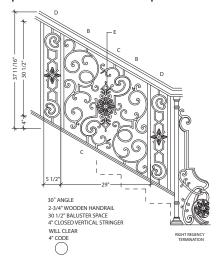
Rossi: 1/2" square



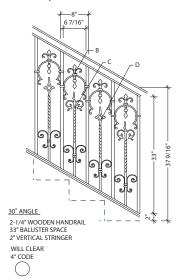
Victoria: 1/2" x 1/2" square



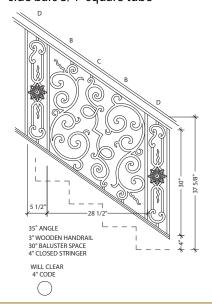
Regency: Panels are 3/8" wide x 1" deep, side bars are 1" square tube and top/bottom bars are 1/2" square



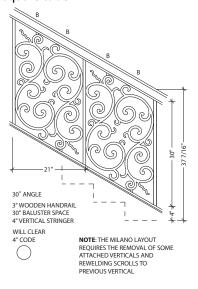
Firenza: Panels are 13/16"x 3/16" and 13/16" x 5/16", side bars are 13/16" square



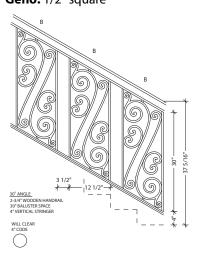
Verona: Panels 1/2" square and side bars 3/4" square tube



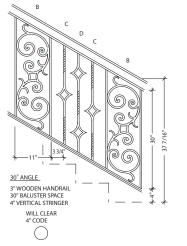
Milano: Panels 1/2" square and side bars 3/4" square tube



Geno: 1/2" square

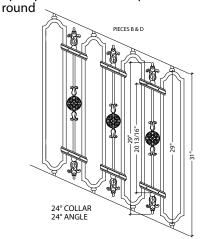


Seville: 1/2" square

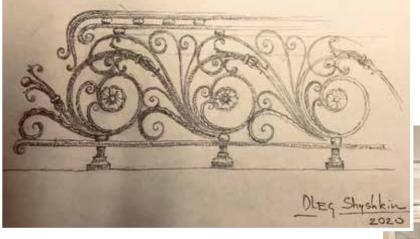


ALL DIMENSIONS ARE APPROXIMATE.

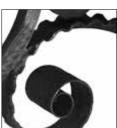
Windsor: II Bar size varies depending upon piece either 5/8" square or 3/8"













Oleg Shyshkin is the owner of "Wrought Irony Art Ltd.", Canada.

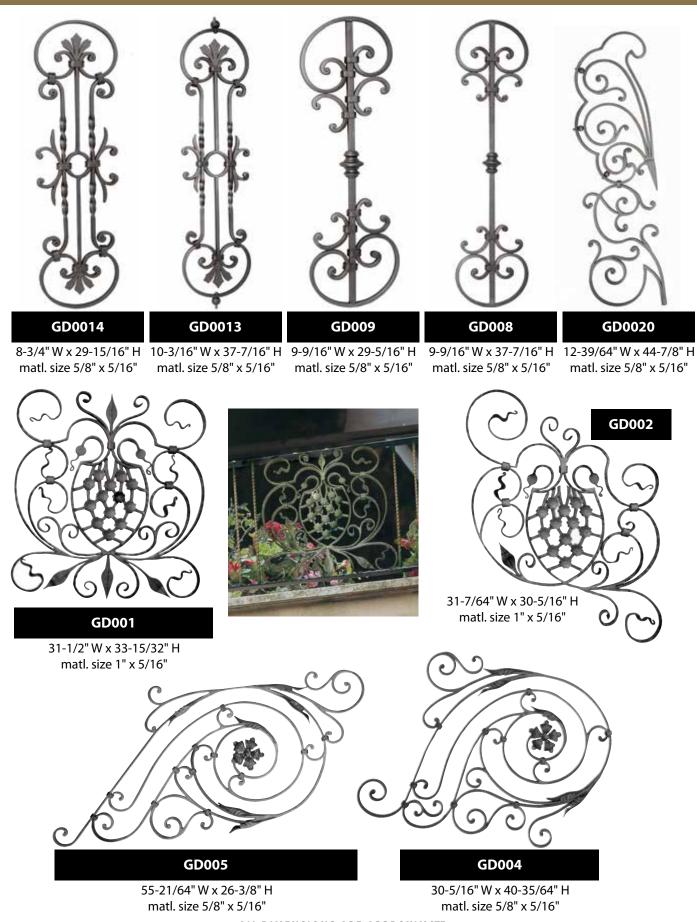
Shyshkin has extensive experience as an architect, interior designer and artist in his homeland, Ukraine, in Russia and Moldova. Early in his career, Shyshkin had been fascinated by artistic blacksmiths. He believed no other technique could transform lines into art as well as wrought iron.

Shyshkin imported old European traditions of artistic forging to North America. Blending his love of French Art-Nouveau and Art-Deco, he created a personal style that is unmistakably his own.

He creates the designs himself; from preliminary sketches to architectural working drawings; and does most of the fabrication as well. Every work is one-of-a-kind, confirming Shyshkin's originality.



ALL DIMENSIONS ARE APPROXIMATE.





GD007

28-47/64" W x 30-5/16" H matl. size 5/8" x 5/16"





GD006

31-1/2" W x 37-7/16" H matl. size 5/8" x 5/16"



GD0019

25-13/64" W x 37-7/16" H matl. size 5/8" x 5/16"



GD0012

24-1/64" W x 36-39/64" H matl. size 5/8" x 5/16"

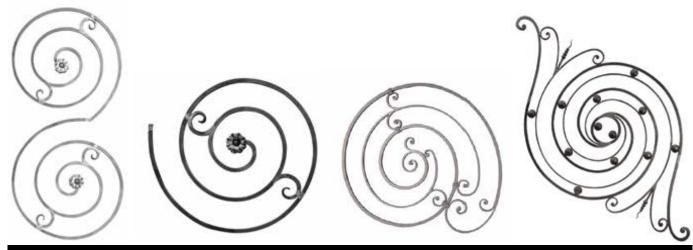








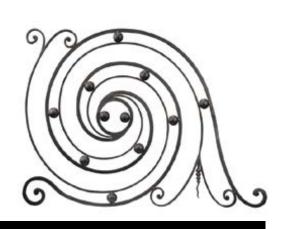
22-7/16" W x 30" H 9/16" sq.



1038/1 1038/2 GD286/1 GD0042

20-25/32" W x 42-1/2" H 9/16" sq. 20" W x 22-1/32" H 9/16" sq. 26-3/8" W x 31-5/16" H 9/16" sq. 59-13/16" W x 33-7/8" H 5/8" sq.





GD0041

47-1/4" W x 33-7/8" H 5/8" sq.



7-110/S

29-17/32" W x 23-5/8" H matl. sizes 1/2" Ø & 3/8" Ø



7-110/D

29-17/32" W x 23-5/8" H matl. sizes 1/2" Ø & 3/8" Ø



7-113/S

20-15/32" W x 19-11/16" H matl. sizes 1/2" Ø & 3/8" Ø



7-113/D

20-15/32" W x 19-11/16" H matl. sizes 1/2" Ø & 3/8" Ø



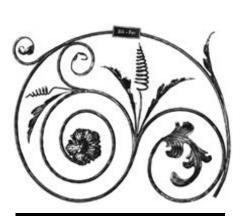
6-340/S

37-3/4" W x 29-1/2" H 1/2" sq.



6-340/D

37-3/4" W x 29-1/2" H 1/2" sq.



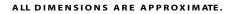
7-111/S

29-17/32" W x 21-5/8" H matl. sizes 1/2" Ø & 3/8" Ø



7-111/D

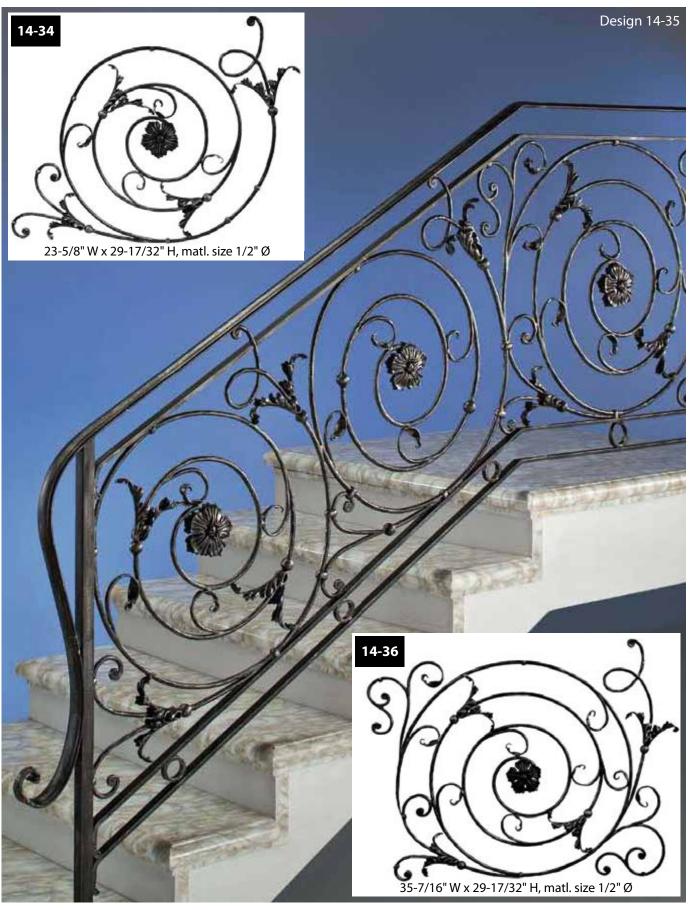
29-17/32" W x 21-5/8" H matl. sizes 1/2" Ø & 3/8" Ø



















20-46

35-7/16" W x 35-7/16" H matl. size 1-3/16" x 3/8"



20-33

11-13/16" W x 43-5/16" H matl. size 1-3/16" x 1"

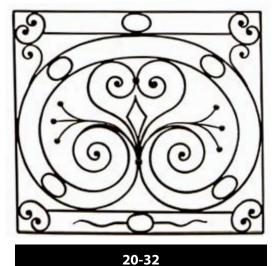






20-47

35-7/16" W x 35-7/16" H matl. size 1-3/16" x 3/8"



29-3/8" W x 35-7/16" H matl. size 5/8" x 5/16"







23-5/8" W x 31-1/2" H matl. size 1/2" Ø



7-108/D

23-5/8" W x 31-1/2" H matl. size 1/2" Ø





7-109/S

19-11/16" W x 34-5/8" H matl. size 1/2" Ø



7-109/D

19-11/16" W x 34-5/8" H matl. size 1/2" Ø







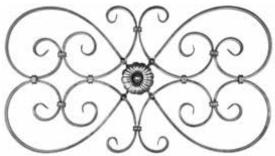
719/2

25-3/16" W x 27-15/16" H matl. size 5/8" x 5/16" Single Sided.



QC-19B/08

16-1/2" W x 21" H
Hammered bar.
Floral element on one side only.
matl. size 1/2" sq.
Center rosette, 116/A/5, is single sided.



40/14

32" W x 17-1/2" H, using 5/8" x 5/16" grooved. Can be used horizontally or vertically. Center rosette, 116/A/5, is single sided.



92/B/3

Decorative C-Scroll with leaves 13-3/4" W x 3-3-16" H matl. size 1/2" x 1/4"



13-86

20-43/64" W x 3-5/32" H matl. size 5/8" x 5/16" grooved



13-85

20-43/64" W x 3-5/32" H matl. size 1/2" Ø



GD0010

26-3/16" W x 56-45/64" H matl. size 5/8" sq.



GD0011

31-57/64" W x 41-11/32" H matl. size 5/8" sq.



PRE032

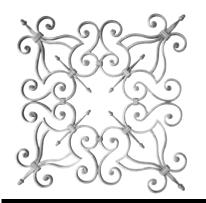
40-5/32" W x 20-15/32 H matl. size 3/8" sq. Can be used horizontally or vertically. Center rosette is double sided.



1013/1

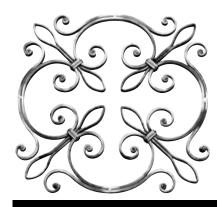
11-5/8" Ø, matl. size 1/2" Ø Center rosette is double sided.





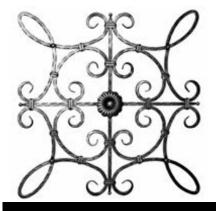
GD151/2

30-5/16" from corner tip to corner tip 21-21/32" from side to side matl. size 9/16" x 5/16"



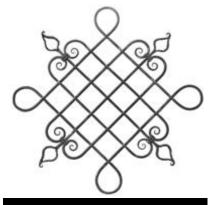
1667/2

23-1/4" in diameter matl. size 9/16" x 5/16"



40/15

26" x 26" matl. size 1/2" sq. edge hammered bar. Rosette is double sided.



679/2

32-5/8" W x 32-5/8" H matl. size 1/2" Ø

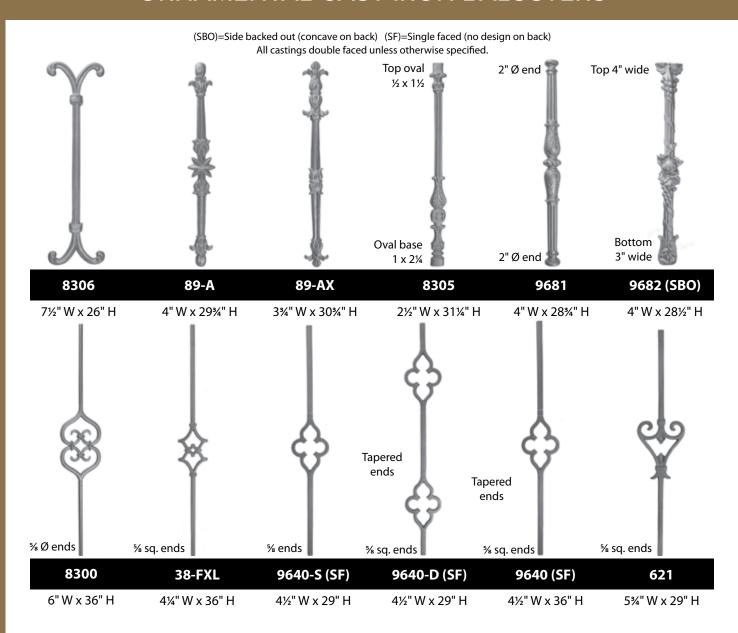




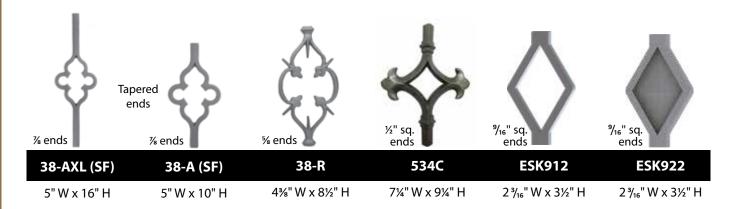
18" x 18", matl. size 1/2" Ø



ORNAMENTAL CAST IRON BALUSTERS

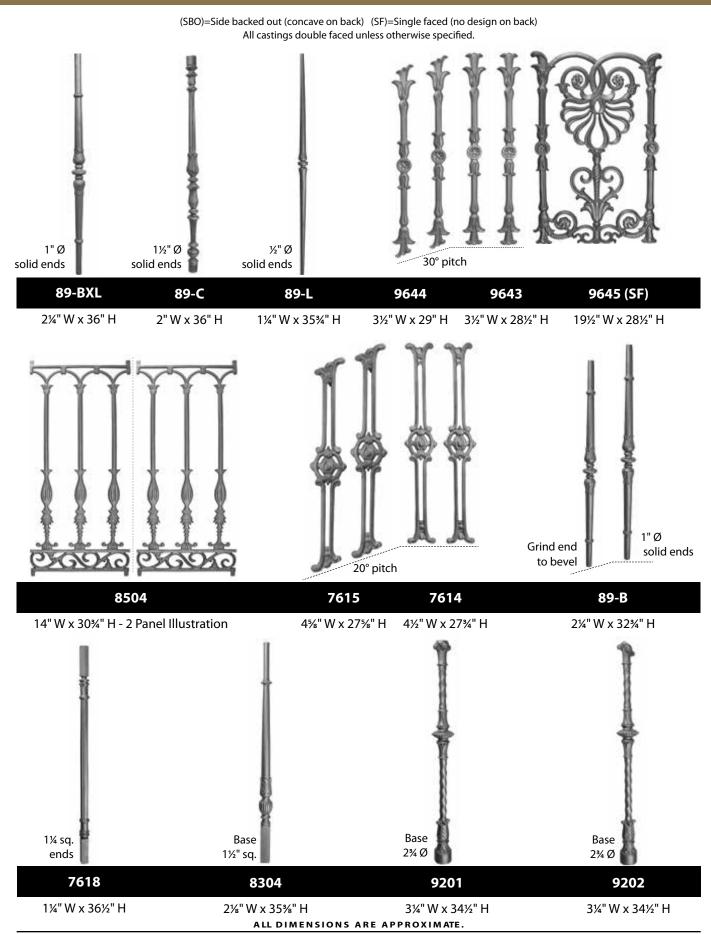


Create a unique railing design by incorporating these lovely decorative castings on your own bar.



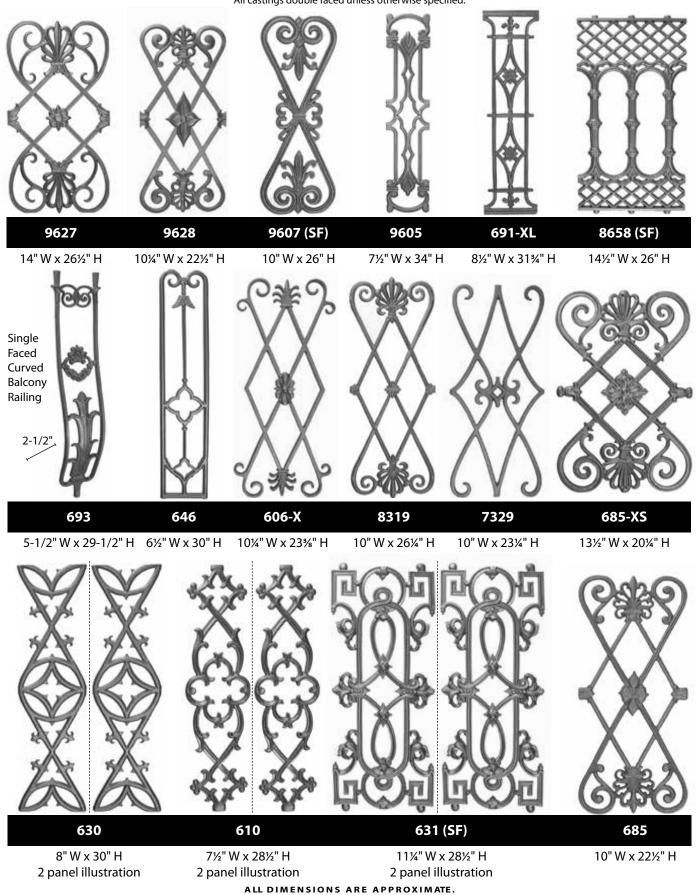


ORNAMENTAL CAST IRON BALUSTERS

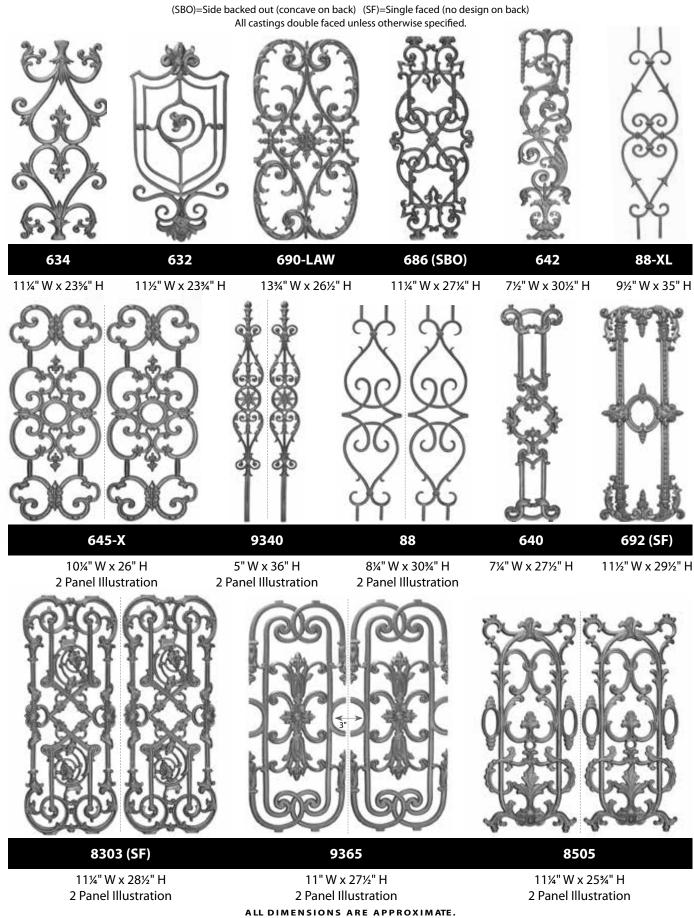


MODERN (SBO)=Side backed out (concave on back) (SF)=Single faced (no design on back) All castings double faced unless otherwise specified. 9048 7314 14%" W x 3¾" H 18¾" W x 4¼" H 702 (SF) 38-SQ 38 94-B 94 8311 12¾"W x 5¼"H 14¼" W x 14¼" H 10¾"W x 10¾"H 10¾" W x 15" H 8¼" W x 18¼" H 8¼" W x 16" H 9006 606 9007 7379 9915-LAW 38-X 93 10%" W x 26¾" H 10½" W x 24" H 10½" W x 21½" H 9½" W x 17½" H 10¾" W x 18½" H 10" W x 23" H 9½" W x 23¼" H 697 605 (SF) 36-B 9916-LAW 9094 9093 38-XL 11"W x 27½"H 85/4" W x 283/4" H 8" W x 29" H 10¼"W x 29¼"H 10¼"W x 31¼"H 9¾"W x 24¼"H

(SBO)=Side backed out (concave on back) (SF)=Single faced (no design on back)
All castings double faced unless otherwise specified.



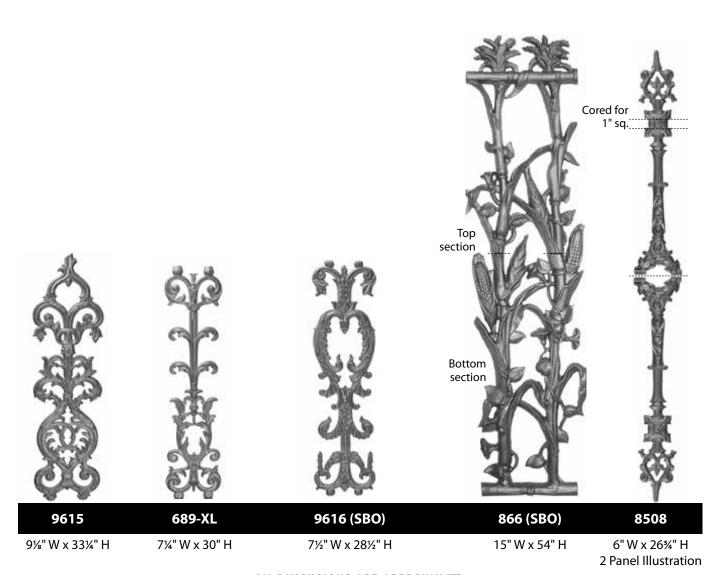
ADI



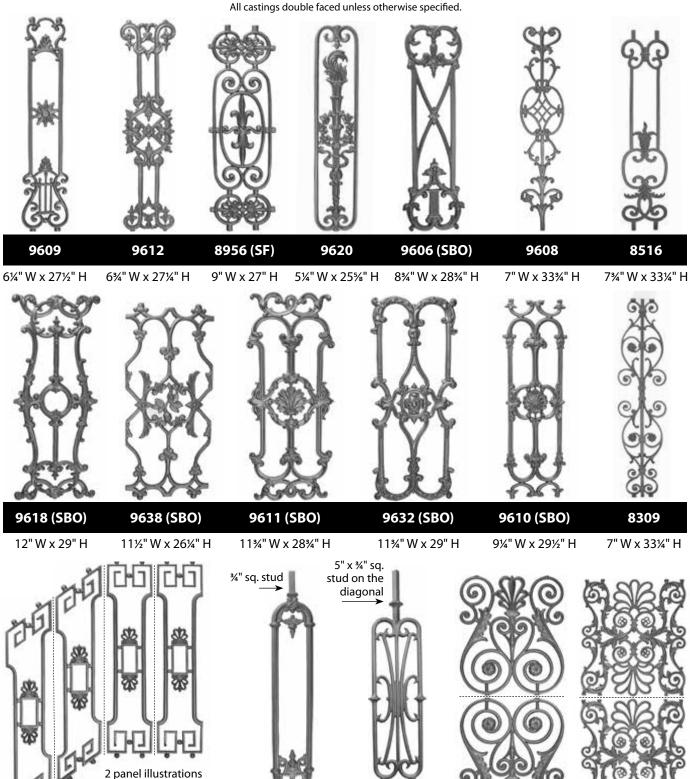


(SBO)=Side backed out (concave on back) (SF)=Single faced (no design on back) All castings double faced unless otherwise specified. 87-A 7236 625 7446 **87-AXL** 1335 13¾"W x 30"H 9"W x 30¾"H 6"W x 34"H 81%"W x 26¾"H 8¾"W x 31"H 8¾"W x 33¼"H 8¾" W x 33¼" H 691 9434 7222 648 15¾" W x 25" H 14½" W x 29¾" H 15¼" W x 27½" H 17¼" W x 24" H 2 Panel Illustration cored hole for 3/4" tubing 3/4" tubing slips through cored hole fabricated for sturdy panels and easy . overlap installation. to make (Starter about tubing does one foot of railing not come with casting.) 35° pitch 87-F 87-S 84 89-XL 83 6"Wx 7-1/4" W x 7" W x 31½" H 7"W x 30½"H 27¾" H 29½" H 2 Panel Illustration 2 Panel Illustration 11"W x 361/2"H ALL DIMENSIONS ARE APPROXIMATE.





(SBO)=Side backed out (concave on back) (SF)=Single faced (no design on back)
All castings double faced unless otherwise specified.



7463	7462	9450	9358	7515	8502	
6¾" W x 31½" H	6¾" W x 28%" H	5%"Wx32%"H	8" W x 36" H	20" W x 22¾" H 2 Panel Illustration	19" W x 21" H 2 Panel Illustration	
ALL DIMENSIONS ARE APPROXIMATE.						

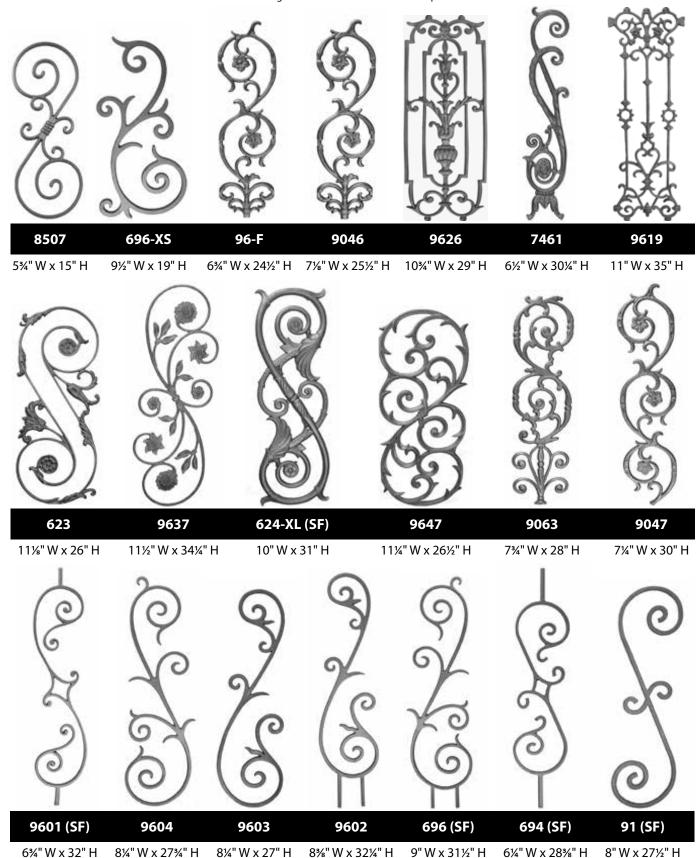
2" x ½" Ø

studs

1" sq. stud

35° pitch

(SBO)=Side backed out (concave on back) (SF)=Single faced (no design on back)
All castings double faced unless otherwise specified.





(SBO)=Side backed out (concave on back) (SF)=Single faced (no design on back) All castings double faced unless otherwise specified. Casting is 2" thick 1"Øx 1½" H studs 9613 9614 (SBO) 9625 6357 (SBO) 9980 9980-XL 9981 7" W x 25" H 7" W x 28½" H 11"W x 30"H 9½" W x 28½" H 7¼" W x 28¾" H 8" W x 37¼" H 8"W x 361/2"H studs 9639 (SBO) 9635 (SBO) 9636 (SBO) 9633 9623 (SBO) 9332 (SBO) 8¾" W x 26¾" H 11"W x 28"H 14½" W x 29" H 6¾"W x 28¼"H 11½"W x 29½"H 12" W x 28" H x 1¼" H stud %" Ø x 1¼" H

623-XL 8540 (SF) 9985 7441 (SBO)

13½" W x 41½" H 2 Panel Illustration 12½" W x 34" H

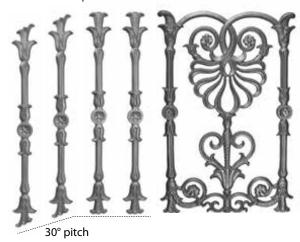
(34" H 11½" W x 29½" H 2 Panel Illustration ALL DIMENSIONS ARE APPROXIMATE. 4¾" W x 28½" H 2 Panel Illustration



(SBO)=Side backed out (concave on back) (SF)=Single faced (no design on back) All castings double faced unless otherwise specified.







9336 9987 (SF) 9644 9643 9645 (SF)

13½" W x 27¼" H

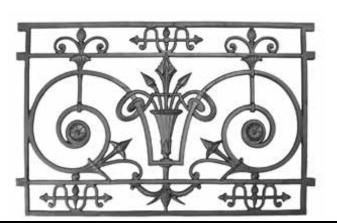
15¾" W x 30" H

3½" W x 29" H 3½" W x 28½" H

19½" W x 28½" H







7519 8660 9082 (SF)

15½" W x 27" H

18" W x 261/2" H

39½" W x 24¾" H







9930 (SF) 8810 8657

25¾" W x 19¼" H 9½" W x 25¾" H 32%" W x 25½" H