



# TREILLAGE AND ORNAMENTAL RAILING PANELS

## TREILLAGE, PANELS AND ROSETTES



Photographer: John Rae

Fabricator: Artistic Railing, Garfield, NJ

### ORNAMENTAL RAILING PANELS

Julius Blum & Co., Inc.'s malleable iron railing panels are also used to provide architectural details on both stairs and straight runs. Some of the panels have been slightly redesigned to meet current code requirements.



### TREILLAGE

All Julius Blum & Co., Inc. treillage panels are double faced and superbly detailed. Because they are malleable iron, they may be welded and bent cold and will not break or shatter in the course of normal handling.



### ORNAMENTAL COLLARS

Designed to fit over 1/2" or 5/8" square bars, ornamental collars are a cost effective way of providing details to a stair, fence or gate.



A wide variety of design options are possible using a combination of ornamental collars.

Many of the **Julius Blum Treillage** patterns are available in both **Aluminum** and **Malleable Iron**. Aluminum castings are recommended where it is important to keep weight at a minimum, as in gates or removable screens. Otherwise, malleable iron castings are preferred for their strength and resistance to breakage. All castings are double faced and cleanly finished.

● **Malleable Iron** is similar in weight, feel and appearance to gray iron—commonly known as cast iron. Gray iron is suitable for small, simple pieces such as post caps, or heavy, solid pieces such as man-hole covers. It is not suitable for delicate ornamental cast patterns such as scrolls and flowers. Gray iron is brittle and shatters easily when dropped or hit and it is subject to cracking when exposed to uneven heat during welding. Malleable Iron will not break or shatter in the course of ordinary handling or shipping and withstands considerable abuse. To some degree, malleable iron castings can be bent cold and they are easily welded. The special properties of malleable iron are produced by heat treating specially alloyed castings in large furnaces under precisely controlled temperature conditions for 8 to 10 days.

**Malleable Iron Castings** are not priced to compete with gray iron castings. Despite the unsuitability of gray iron for intricate ornamental castings, many ornamental patterns are offered in this cheaper material. Since the manufacture of gray iron castings requires fewer operations than heat-treated malleable iron, and since they are not finished with the care of Julius Blum ornamental castings, they can be sold for less. However, breakage during shipping, fabrication, installation and everyday use often eradicats savings due to the initial lower cost. In the long run, its permanence and the quality of the final product make malleable iron more desirable. When panels are assembled into screens spanning more than three panels' width or height, it is important to provide adequate intermediate supports.

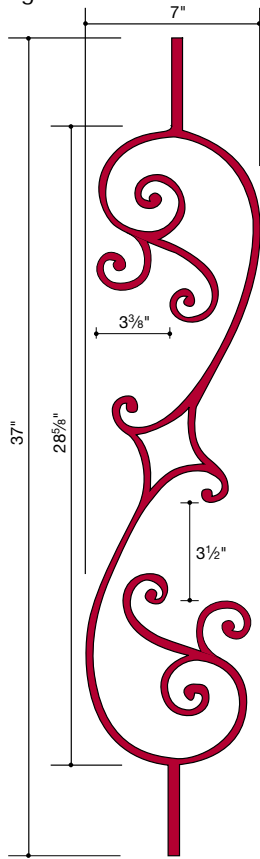
● **Aluminum** items are cast from Almag 35. Anodizing of aluminum panels is not recommended as the material will not anodize consistently and does not match the color of anodized extruded aluminum.

All items are carried in stock in substantial quantities and are normally available for prompt shipment.

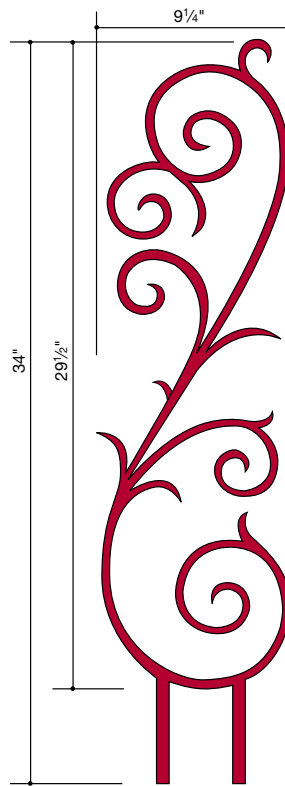
ORNAMENTAL RAILING PANELS

All castings are double faced. Scale: 1 3/8" = 1'-0"

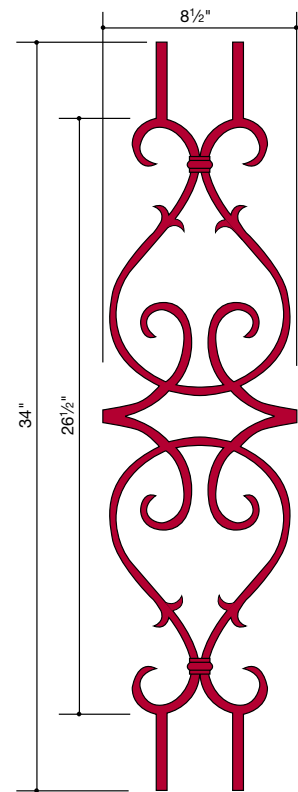
CHATEAU  
Railing Panels



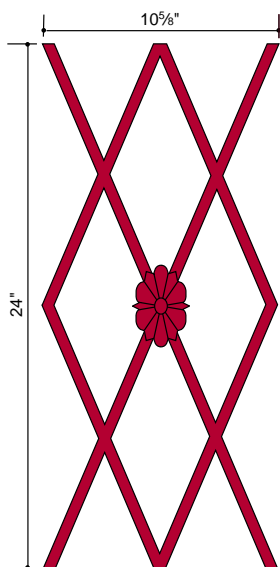
537\* Malleable Iron 5.5 lbs.  
Cross Section: Scroll - 1/2" x 5/16"  
Ends - 1/2" x 1/2"



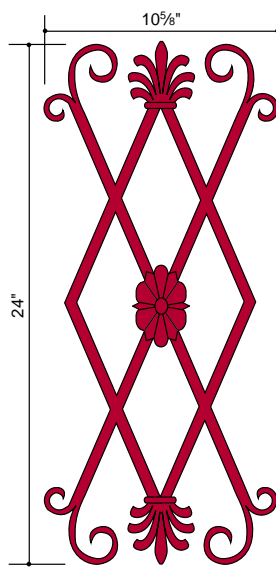
538\* Malleable Iron 7.0 lbs.  
Cross Section: Scroll - 5/8" x 7/16"  
Ends - 1/2" x 1/2"



539\* Malleable Iron 7.8 lbs.  
Cross Section: Scroll - 5/8" x 7/16"  
Ends - 1/2" x 1/2"



540 Malleable Iron 9 lbs.  
Cross Section: 5/8" x 1/2"



541\* Malleable Iron 10 lbs.  
Cross Section: 5/8" x 1/2"



\* When framed, the open spaces will conform to 4" sphere requirement.

Panels 540 and 541 are often combined both horizontally and vertically.

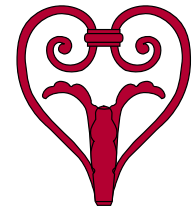
● ORNAMENTAL COLLARS

All castings are double faced. Scale: 1 3/8" = 1'-0"

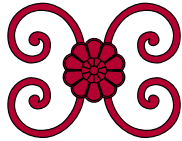
**CAMBRIDGE**

Ornamental Panels

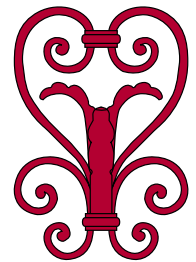
The four elements of the **Cambridge** design can be combined in many different ways to form panels, columns or friezes. The castings are cored to slide over a 1/2" square bar.



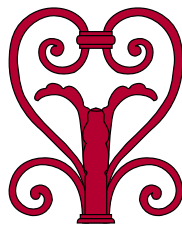
597 ● 2.6 lbs.  
Ht: 9 7/16" Wd: 8"



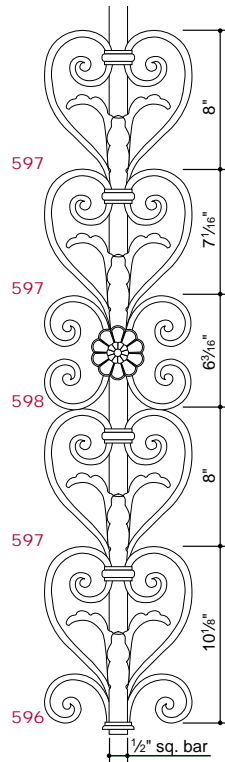
598 ● 2.8 lbs.  
Ht: 6 3/16" Wd: 8"



599 ● 4.1 lbs.  
Ht: 11 7/8" Wd: 8"



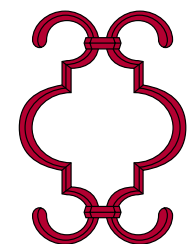
596 ● 3.6 lbs.  
Ht: 10 1/8" Wd: 8"



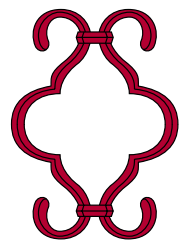
**EMPIRE**

For 1/2" square bar

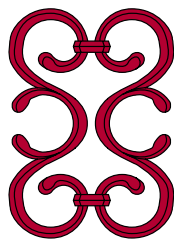
Diamond-shaped cross section gives these panels a distinctive style.



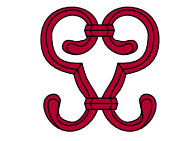
963 ● 1.76 lbs.  
Ht: 11" Wd: 8"



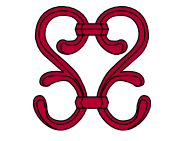
964 ● 2.03 lbs.  
Ht: 11" Wd: 8"



965 ● 2.72 lbs.  
Ht: 11" Wd: 8"



967 ● 1.04 lbs.  
Ht: 5 1/2" Wd: 5 1/4"

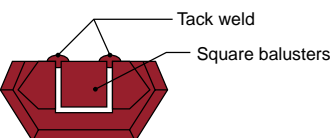


968 ● 1.14 lbs.  
Ht: 5 1/2" Wd: 5 1/4"



969 ● .82 lbs.  
Ht: 5" Wd: 5"

**TYPICAL SECTION THROUGH COLLARS**



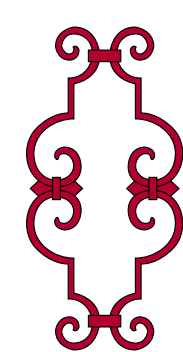
**Empire** and **Florentine** collars are open on the reverse to fit over square bar. **Cambridge** and **Ornamental Collars** are cored to slide over square bar.

**FLORENTINE**

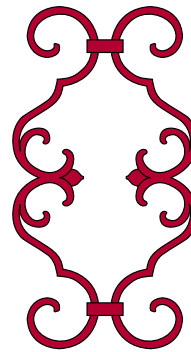
Railing Panels

For 1/2" square bar, except as noted

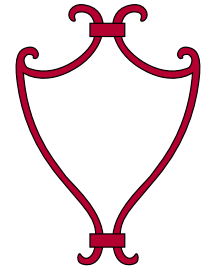
**Florentine** collars are open on one side for easy installation over square bar by tack welding.



559 ● 3.0 lbs.  
Ht: 15" Wd: 7"



560 ● 3.6 lbs.  
Ht: 16" Wd: 8 1/2"



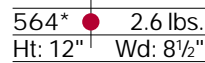
561 ● 1.9 lbs.  
Ht: 12" Wd: 8 1/2"



562\* ● 3.8 lbs.  
Ht: 15" Wd: 7"

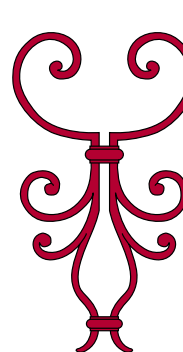


563\* ● 3.9 lbs.  
Ht: 16" Wd: 8 1/2"

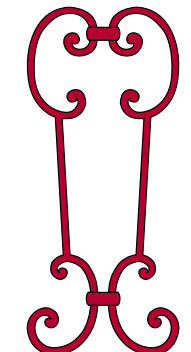


564\* ● 2.6 lbs.  
Ht: 12" Wd: 8 1/2"

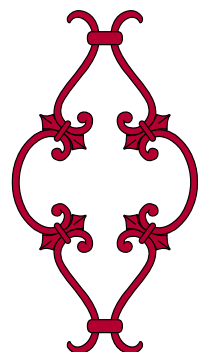
\* For 5/8" square bar



565 ● 3.3 lbs.  
Ht: 15" Wd: 8 1/2"



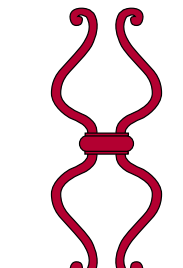
566 ● 2.9 lbs.  
Ht: 16" Wd: 7"



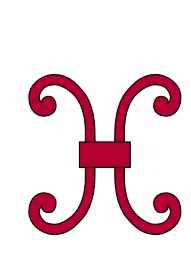
567 ● 3.3 lbs.  
Ht: 16" Wd: 8 1/2"

**ORNAMENTAL COLLARS**

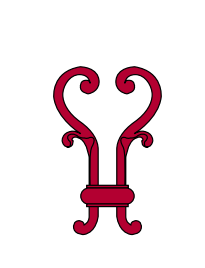
These collars are cored to slide over 1/2" except as noted. Collars are easily applied and can be fastened by screws or by tack welding.



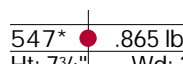
546 ● .767 lbs.  
Ht: 7 3/4" Wd: 3"



543 ● .870 lbs.  
Ht: 4 3/4" Wd: 4 1/2"



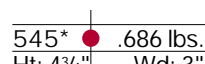
544 ● .685 lbs.  
Ht: 4 3/4" Wd: 3"



547\* ● .865 lbs.  
Ht: 7 3/4" Wd: 3"



535\* ● 1.160 lbs.  
Ht: 4 7/8" Wd: 4 1/2"



545\* ● .686 lbs.  
Ht: 4 3/4" Wd: 3"

\* For 5/8" square bar

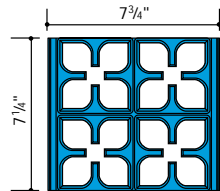
● ● TREILLAGE AND ORNAMENTAL RAILING PANELS

All castings are double faced. Scale: 1 3/8" = 1'-0"

**TRECENTO**

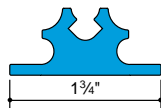
Trecento panel 1963 dovetails with mullions 6433 or 6432. Panels can be arranged in continuous runs or make right-angle turns, tees or crosses. Panels can be stacked to form solid screens or separated by lengths of filler rod 6431 to achieve a more open effect. Filler rod 6431 may also be used to close the recess in the exposed sides of the mullion. Panels may be locked into position by tack welding, caulking, set screws or pins.

**Modular Panel**



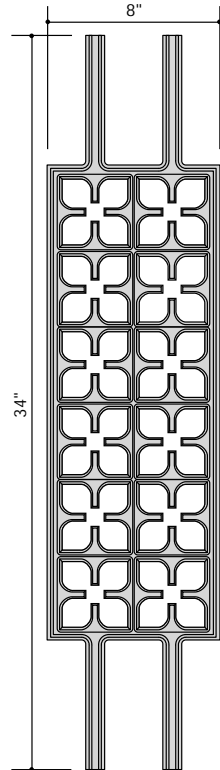
1963 ● Aluminum .80 lb.

**Edge Mullion**  
20' lengths



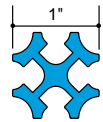
6432 ● Aluminum .660 lb/ft

**Railing Panel**



1962 ● Aluminum 4.3 lbs.  
962 ● Malleable Iron 12.6 lbs.

**Mullion**  
20' lengths



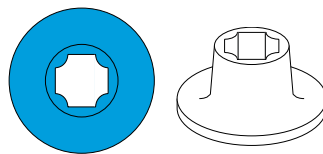
6433 ● Aluminum .493 lb/ft

**Filler Rod**  
6' lengths



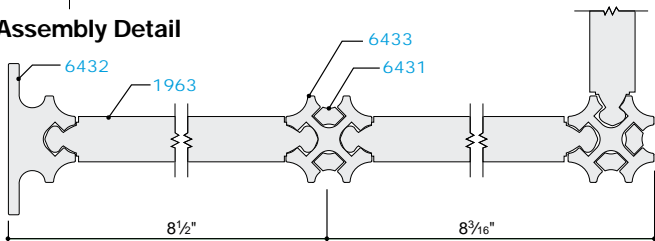
6431 ● Aluminum .063 lb/ft

**Socket**



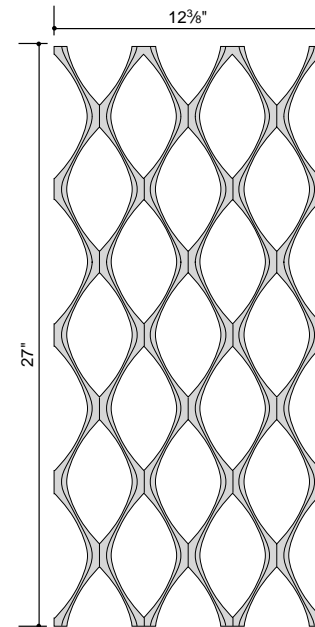
763 ● Aluminum  
For mullion 6433 2 3/4" diameter flange

**Assembly Detail**



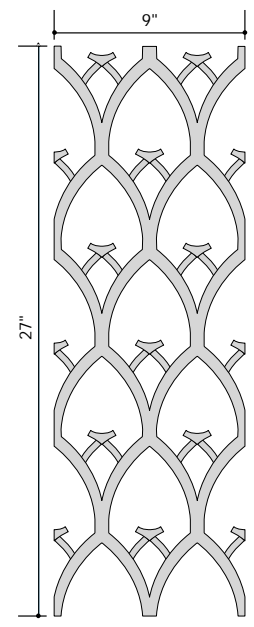
Panels can be joined both vertically and horizontally to form screens and grilles.

**ONDINE**



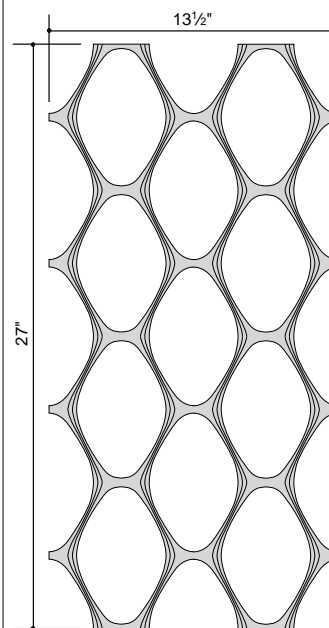
1960 ● Aluminum 2.6 lbs.  
960 ● Mal. Iron 7.9 lbs.

**CANTERBURY**



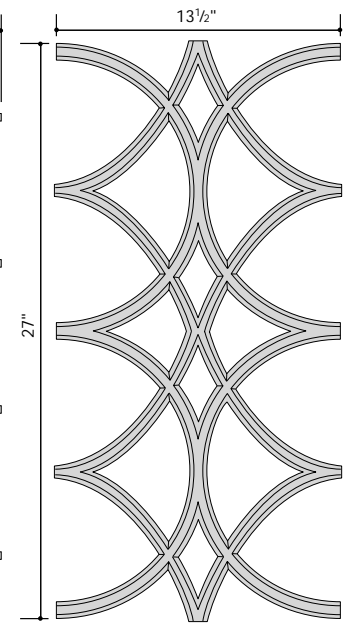
1589 ● Aluminum 3.0 lbs.  
589 ● Mal. Iron 8.8 lbs.

**GOSSAMER**



1585 ● Aluminum 3.4 lbs.  
585 ● Mal. Iron 10.2 lbs.

**ARABESQUE**



1961 ● Aluminum 2.6 lbs.  
961 ● Mal. Iron 7.7 lbs.



JuliusBlum&CoInc



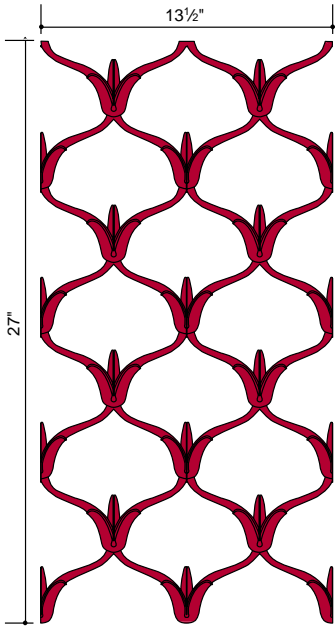
TREILLAGE AND ORNAMENTAL RAILING PANELS

ALUMINUM

MALLEABLE IRON

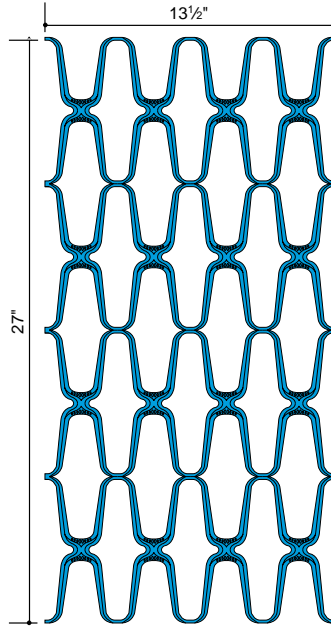
All castings are double faced. Scale: 1 3/8"=1'-0"

AMSTERDAM

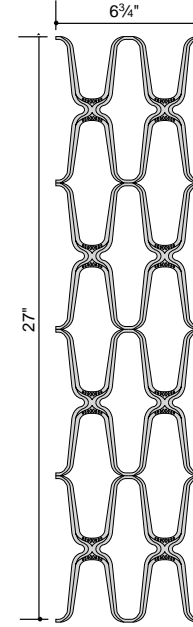


590 ● Malleable Iron 10.5 lbs.

LATTICE

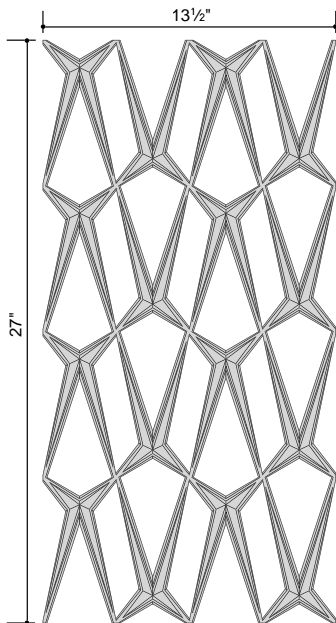


1508 ● Aluminum 3.1 lbs.



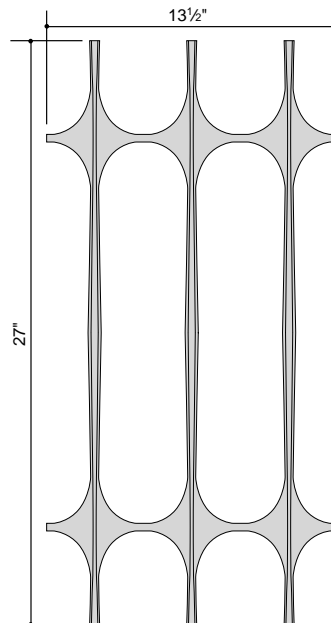
1504 ● Aluminum 1.5 lbs.  
504 ● Malleable Iron 4.5 lbs.

CASCADE



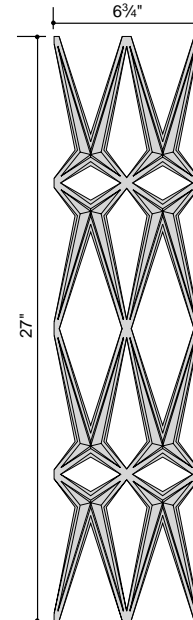
1583 ● Aluminum 4.3 lbs.  
583 ● Malleable Iron 12.8 lbs.

SENTRY



1579 ● Aluminum 2.8 lbs.  
579 ● Malleable Iron 8.4 lbs.

DIAMOND



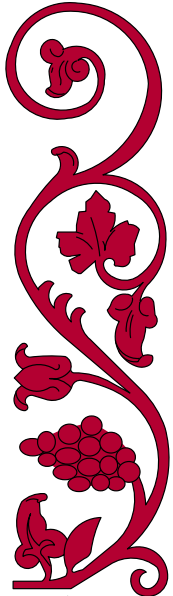
1542 ● Aluminum 2.1 lbs.  
542 ● Malleable Iron 6.4 lbs.

TREILLAGE AND ORNAMENTAL RAILING PANELS

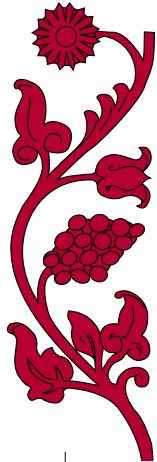
All castings are double faced. Scale: 1 3/8" = 1'-0"

SIENA

Malleable Iron

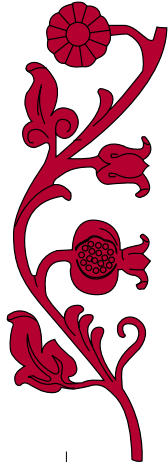


520 • 10.5 lbs.  
Ht: 24 7/8" Wd: 6 7/16"  
Railing Panel

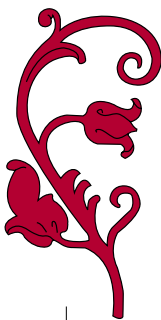


522 • 8.4 lbs.  
Ht: 20 3/8" Wd: 6 7/16"  
Continuous design

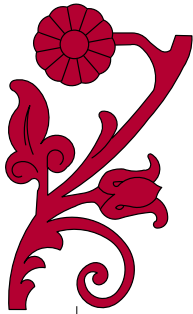
Repeat or alternate 522 and 523 for continuous runs in columns or friezes.



523 • 6.9 lbs.  
Ht: 20 1/4" Wd: 6 7/16"  
Continuous design



525 • 4.2 lbs.  
Ht: 13 3/8" Wd: 6 7/16"  
End Panel



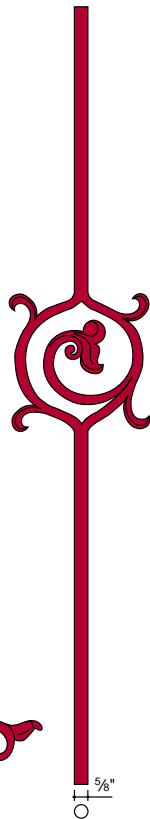
524 • 4.3 lbs.  
Ht: 12" Wd: 6 7/16"  
Starting Panel



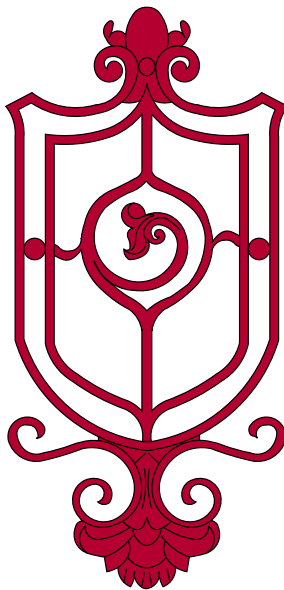
526 • 2.6 lbs.  
Ht: 6 7/16" Wd: 6 7/16"  
Corner Rosette



527 • 3.7 lbs.  
Ht: 7" Wd: 13 3/8"  
Corner Bracket



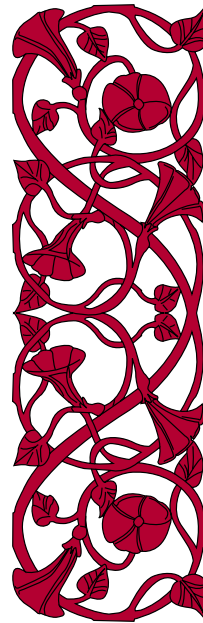
532 • 5.0 lbs.  
Ht: 36"  
Baluster Bar



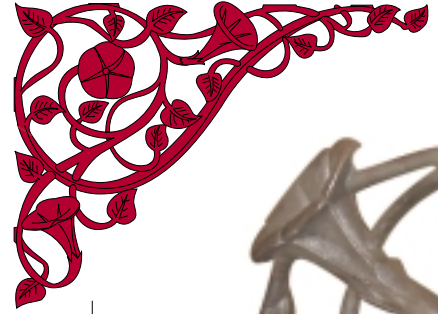
521 • 16.0 lbs.  
Ht: 24 7/8" Wd: 12"  
Railing Panel

SOMERSET

Malleable Iron



580 • 13.0 lbs.  
Ht: 28" Wd: 9"  
Railing Panel



582 • 6.5 lbs.  
Ht: 14" Wd: 19"  
Corner Bracket

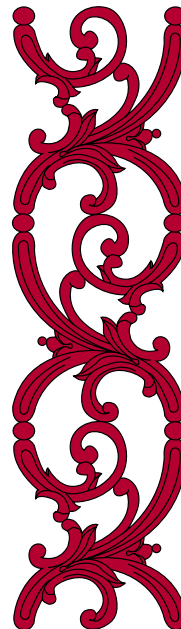


581 • 4.1 lbs.  
Ht: 9" Wd: 9"  
Corner Rosette

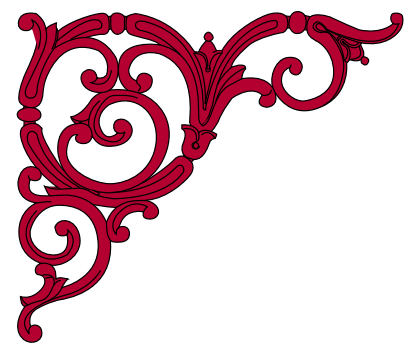


REGENE

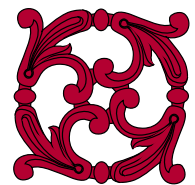
Malleable Iron



576 • 10.1 lbs.  
Ht: 29" Wd: 8"  
Railing Panel



577 • 8.2 lbs.  
Ht: 15 1/4" Wd: 18"  
Corner Bracket



578 • 3.2 lbs.  
Ht: 8" Wd: 8"  
Corner Rosette

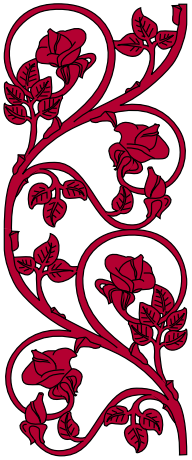


TREILLAGE AND ORNAMENTAL RAILING PANELS

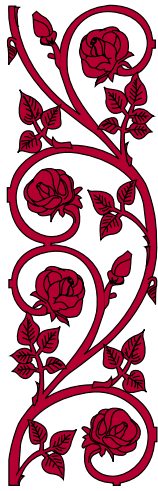
All castings are double faced. Scale: 1 3/8" = 1'-0"

DRESDEN

Malleable Iron



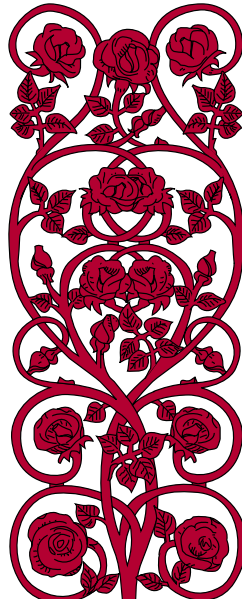
569 6.5 lbs.  
Ht: 21" Wd: 8 1/2"  
Continuous design



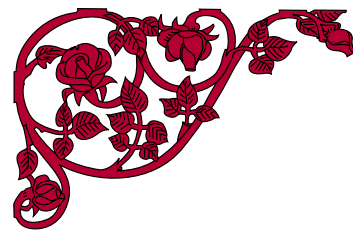
572 5.7 lbs.  
Ht: 22 1/2" Wd: 7"  
Continuous design



568 8.7 lbs.  
Ht: 28" Wd: 8 1/2"  
Railing Panel  
Use together with 569



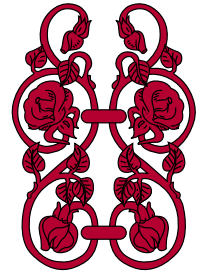
571 14.0 lbs.  
Ht: 28" Wd: 11"  
Railing Panel



574 5.0 lbs.  
Ht: 10 1/4" Wd: 16"  
Corner Bracket



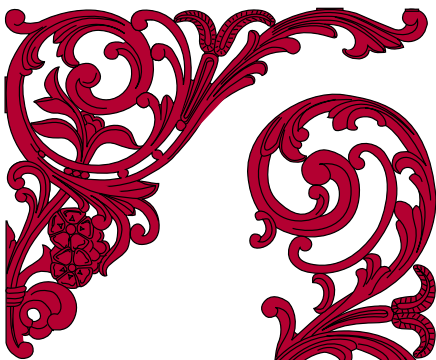
573 2.3 lbs.  
Ht: 7" Wd: 7"  
Corner Rosette



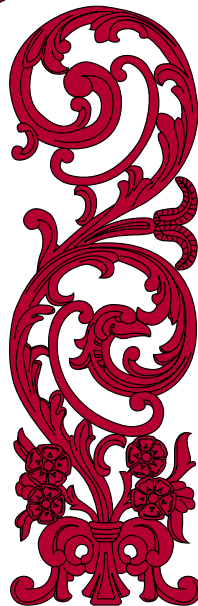
570 4.1 lbs.  
Ht: 12 1/2" Wd: 8 1/2"  
Collar  
Collar is open on one side to fit over square 1/2" bar.

ROCOCO

Malleable Iron



588 10.5 lbs.  
Ht: 16 1/2" Wd: 19 3/4"  
Corner Bracket



586 14.9 lbs.  
Ht: 28" Wd: 8 3/4"  
Railing Panel



587 10.7 lbs.  
Ht: 23 1/4" Wd: 8 3/4"  
Continuous design

Design repeats at 22"

CORINTHIAN

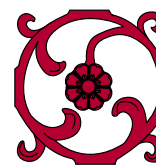
Malleable Iron



550 6.7 lbs.  
Ht: 34" Wd: 7 1/8"  
Continuous design



552 4.3 lbs.  
Ht: 10" Wd: 19"  
Corner Bracket

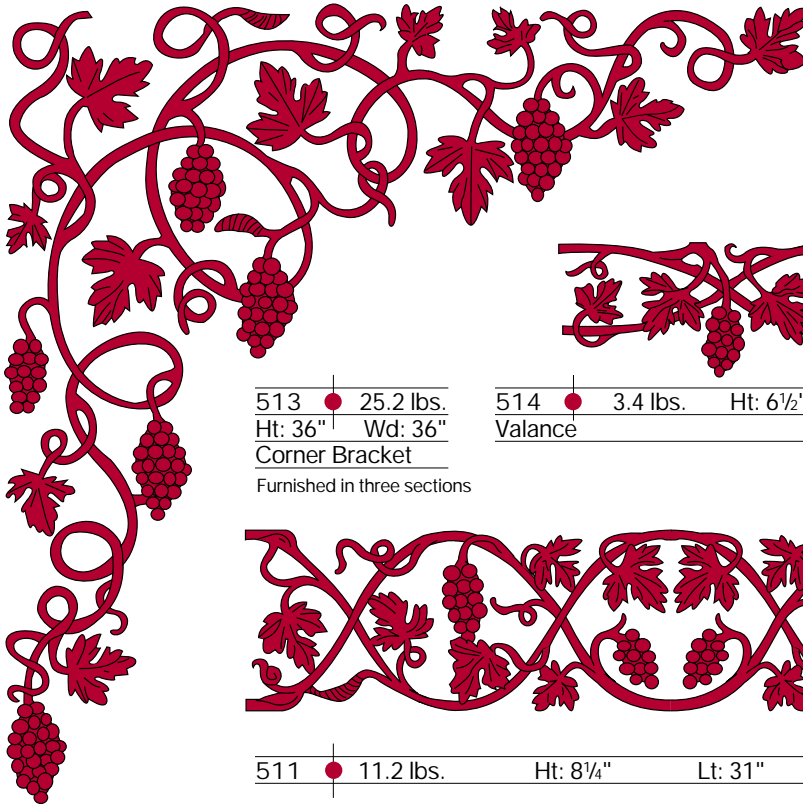


551 2.4 lbs.  
Ht: 7 1/8" Wd: 7 1/8"  
Corner Rosette

TREILLAGE AND ORNAMENTAL RAILING PANELS

All castings are double faced. Scale: 1 3/8" = 1'-0"

**BORDEAUX**  
Malleable Iron

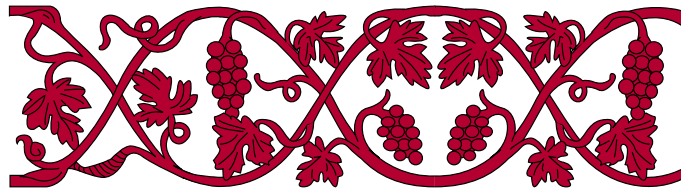


513 • 25.2 lbs.  
Ht: 36" Wd: 36"  
Corner Bracket

Furnished in three sections



514 • 3.4 lbs. Ht: 6 1/2" Lt: 14"  
Valance



511 • 11.2 lbs. Ht: 8 1/4" Lt: 31" Frieze

**CHARNWOOD**  
Malleable Iron

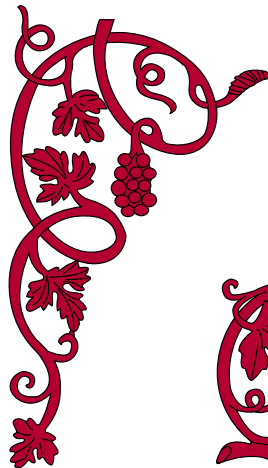


548 • 12.3 lbs. Ht: 27 3/4" Wd: 8"  
Railing Panel

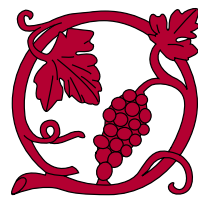


515 • 8.7 lbs.  
Ht: 23 1/2" Wd: 25"  
Corner Bracket

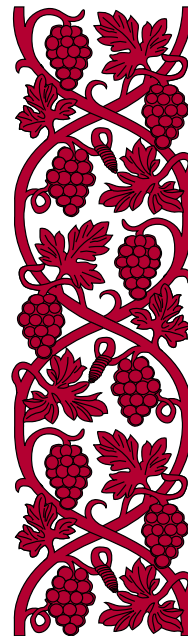
Furnished in two sections



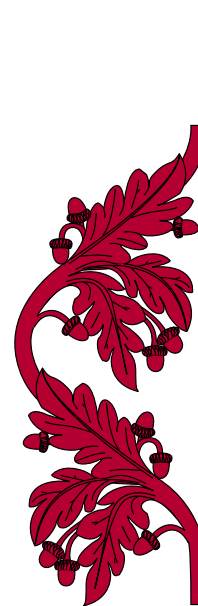
515B • 4.9 lbs.  
Ht: 21" Wd: 11 1/2"  
Corner Bracket



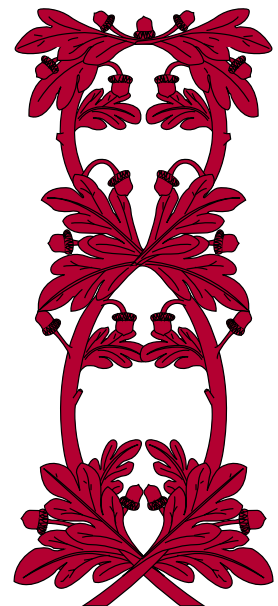
512 • 4.0 lbs.  
Ht: 8 1/4" Wd: 8 1/4"  
Corner Rosette



510 • 13.6 lbs.  
Ht: 29" Wd: 8 1/4"  
Railing Panel



555 • 9.2 lbs.  
Ht: 20 3/4" Wd: 9 1/4"  
Continuous design



558 • 16.8 lbs.  
Ht: 28" Wd: 11 1/2"  
Railing Panel



JuliusBlum&CoInc

ALUMINUM

NICKEL-SILVER

BRONZE

CAST IRON / MALLEABLE IRON

ORNAMENTAL PANELS AND CAST ROSETTES

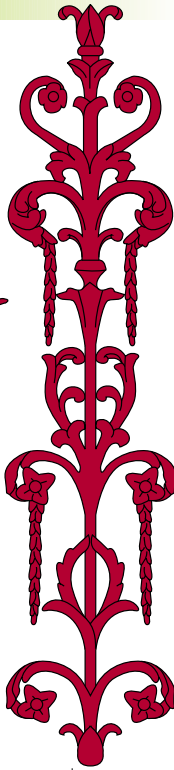
All castings are double faced. Scale: 1 3/8" = 1'-0"

**MILAN**

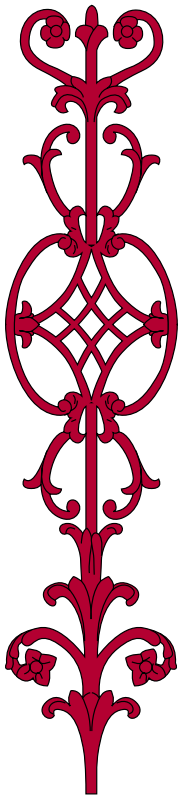
Malleable Iron  
Being of equal width,  
**Milan** panels may be  
stacked vertically.



516 • 3.7 lbs.  
Ht: 8 1/4" Wd: 13 1/4"  
Corner Bracket



517 • 12.0 lbs.  
Ht: 34 1/2" Wd: 7 5/8"  
Railing Panel



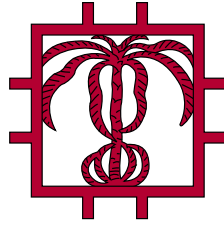
518 • 11.3 lbs.  
Ht: 35 1/2" Wd: 7 5/8"  
Railing Panel



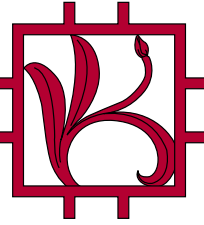
519 • 12.5 lbs.  
Ht: 32" Wd: 7 5/8"  
Railing Panel

**PRIMAVERA**

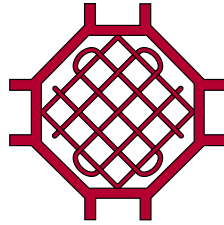
Malleable Iron  
Ornamental Panels



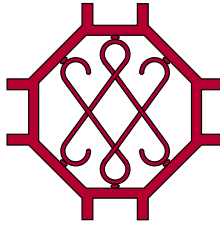
591 • 3.9 lbs.  
Ht: 10" Wd: 10"  
(Without legs: 8" x 8")



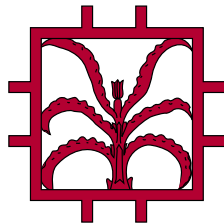
592 • 3.4 lbs.  
Ht: 10" Wd: 10"  
(Without legs: 8" x 8")



593 • 3.2 lbs.  
Ht: 10" Wd: 10"  
(Without legs: 8" x 8")



594 • 3.0 lbs.  
Ht: 10" Wd: 10"  
(Without legs: 8" x 8")



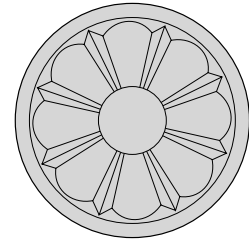
595 • 3.7 lbs.  
Ht: 10" Wd: 10"  
(Without legs: 8" x 8")



584 • 9.9 lbs.  
Ht: 29" Wd: 6 1/2"  
Railing Panel

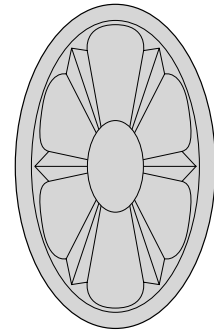
**CAST ROSETTES**

Thickness: Approx. 1/4"  
Burnished, except as noted



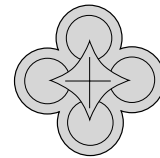
		OD
2454	Aluminum	2 3/4"
2654	Bronze	2 3/4"
1654	Nickel-Silver	2 3/4"
2554*	Cast Iron	2 3/4"

\* As Cast



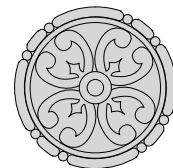
		Oval
2453	Aluminum	3 5/16" x 2 1/16"
2653	Bronze	3 5/16" x 2 1/16"
1653	Nickel-Silver	3 5/16" x 2 1/16"
2553*	Cast Iron	3 1/2" x 2 3/16"

\* As Cast



		OD
6603	Bronze	1 3/4"
1603	Nickel-Silver	1 3/4"
6203*	Cast Iron	1 3/4"

\* As Cast



		OD
6601	Bronze	1 7/8"
1601	Nickel-Silver	1 7/8"
6201*	Cast Iron	1 7/8"

\* As Cast

● ALUMINUM

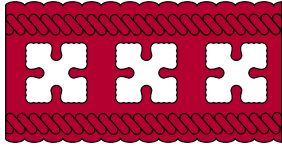
● MALLEABLE IRON / PRESSED STEEL

● ● ORNAMENTS AND PICKETS

All castings are double faced.

**PRESSED STEEL MOULDINGS**

10' lengths, 100' minimum order



2855 ● Pressed Steel Wd: 3 1/4"



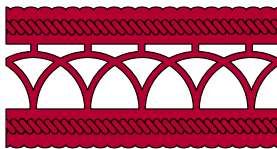
2859 ● Pressed Steel Wd: 2"



2861 ● Pressed Steel Wd: 1 5/16"



2866 ● Pressed Steel Wd: 3 1/4"



2870 ● Pressed Steel Wd: 3 1/4"

**PRESSED STEEL LEAVES\***



2016 ● Lt: 4 1/2"



2003 ● Lt: 3 1/2"



2023 ● Lt: 5"



2017 ● Lt: 4 1/2"



2962 ● Wd: 4"



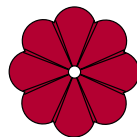
2932 ● Wd: 2 1/2"



2012 ● Length 6"  
2014 ● Length 10 1/4"  
2015 ● Length 11"

**PRESSED STEEL ROSETTES\***

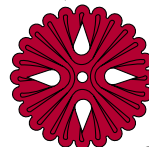
Malleable Iron



2515 ● OD 1 1/2"  
2528 ● OD 2"  
2538 ● OD 3"



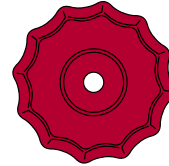
2524 ● Wd: 1 3/8"



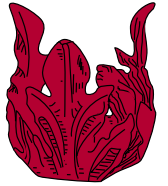
2611 ● OD 2 3/8"  
2616 ● OD 3 5/8"

\* 100 piece packages

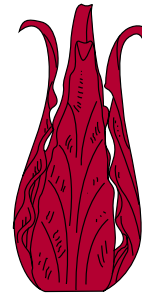
**PRESSED STEEL CANDLE PANS AND HUSKS\***



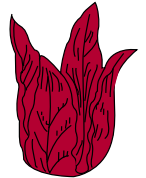
2640 ● OD: 3 3/4"



2717 ● Ht: 3 1/4" Wd: 3 1/4"



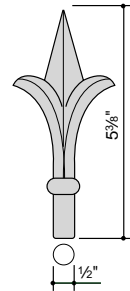
2719 ● Ht: 5 1/2" Wd: 2 1/4"



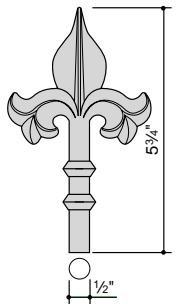
2726 ● Ht: 5 1/2" Wd: 2 1/4"

**PICKETS**

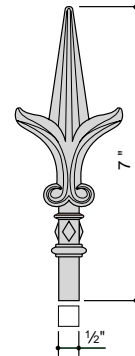
Shanks: 1" lengths



3 ● Aluminum  
4 ● Malleable Iron



11 ● Aluminum  
12 ● Malleable Iron



53 ● Aluminum  
54 ● Malleable Iron

