

Crown[®]
Heritage

*An updated catalog collection of elegant wood and forged iron combinations that
will create a place of style and beauty within the home.*



E X T R A O R D I N A R Y S T Y L E

2014

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Note: Crown Heritage products are designed for interior use only.



GEARScan is a patent pending sales tool by Crown Heritage. For more information contact your local Crown Heritage Representation.

Fifteen collections of wood and forged iron styles that will fit any home design. From the detail of design to unsurpassed craftsmanship, these exceptional stair systems are where style is found today.

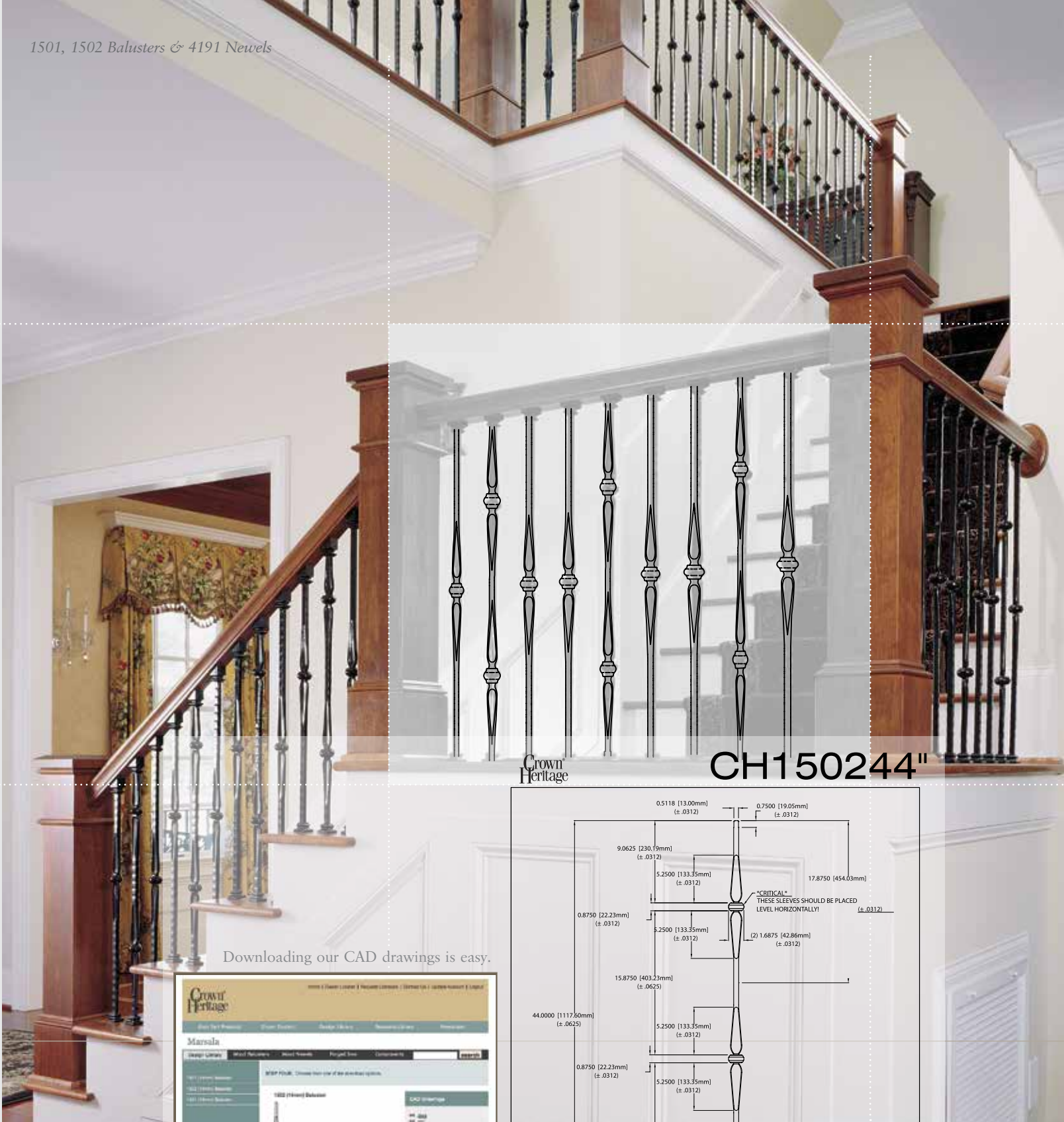


DESIGN LIBRARY

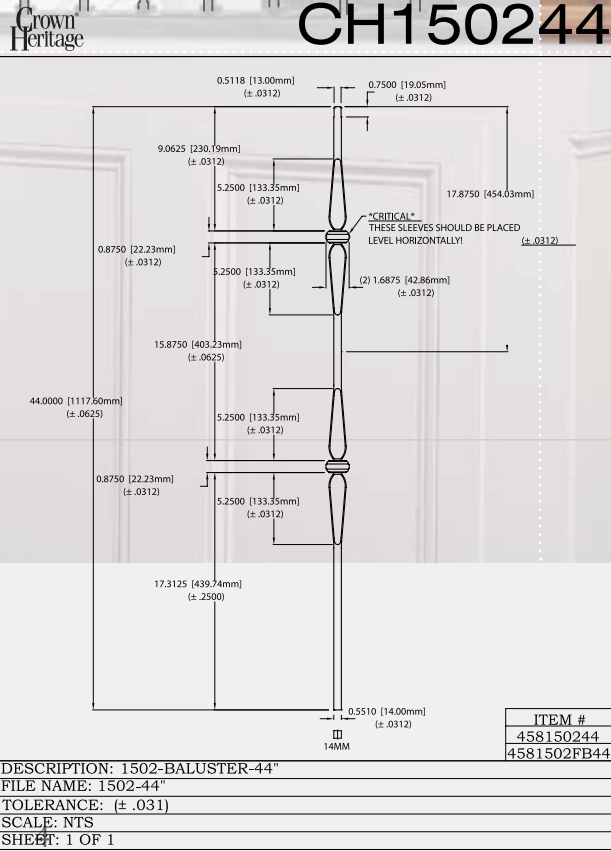
Crown Heritage makes it easy to get the stair part CAD drawings, PDF files and information you need. The Design Library is a valuable tool and service for architects and designers to place our CAD-ready drawings directly into home plans. Getting your CAD-ready plans is FREE. Go to the Design Library at www.crownheritage.com, create an account and start downloading your files. It is that easy.



1501, 1502 Balusters & 4191 Newels



Downloading our CAD drawings is easy.



HANDCRAFTED FORGED IRON

Seven handcrafted collections bring together the style and design of forged iron with the warmth of wood for an exquisite look and design. With multiple options available, the ability to customize the style of any stairway is easily achieved with Crown Heritage.



HANDCRAFTED FORGED IRON



AVAILABLE IN SIX COLOR FINISHES

Crown Heritage hand forged iron is crafted for high style and is available in six exciting color finishes, including our unique Nickel metal finish. Forged iron stair parts are the perfect complement to our wood stair parts. Unique shapes and finishes are handcrafted through the same enduring qualities and exceptional style as the old-world blacksmiths. The modern techniques of electric welding allow Crown Heritage to carry the forged iron tradition into our latest iron baluster collections.

EXTRA LARGE HOLLOW BALUSTERS

Crown Heritage extra large, hollow forged iron balusters have the same style and finish as our solid balusters, but are lighter, making them easier to install. The extra large style will make any stair project stand out.

Satin Black

Copper Vein

Rubbed Copper

Silver Vein

Hollow Iron

2101

19mm

2102

19mm

2121

19mm

2122

19mm

2700-44

19mm

2708-44

19mm

Nominal size is 3/4"
For more detailed information go to Index section page 71

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EXTRA LARGE HOLLOW BALUSTERS

Note: Not all images are to scale. | All dimensions in inches unless specified.

Available in:
Satin Black
Rubbed Copper
Copper Vein
Silver Vein

2708CV-44

Copper Vein Finish

2708SV-44

Silver Vein Finish

2708RC-44

Rubbed Copper Finish

2101

Silver Vein Finish Detail

2101

Copper Vein Finish Detail

2121

Rubbed Copper Finish Detail

3028

FORGED IRON WALL RAIL
BRACKETS AVAILABLE
See page 63

2811

FB/RC/CV/SV
FORGED IRON
SHOES AVAILABLE
IN 4 FINISHES
See page 30

8

12MM HOLLOW BALUSTERS

Our 12mm (1/2") hollow balusters are available in 30" and 44" lengths. 30" balusters are perfect for creating great visual style and alignment in a knee wall installation, while 44" balusters complement traditional landing heights.

Satin Black

Rubbed Copper

Oil Rubbed Bronze

Hollow Iron

AVAILABLE IN LIGHTWEIGHT ALUMINUM IN 3 COLOR FINISHES. See page 30

3811 (12mm) FB/RC/RB

3821 (12mm) FB/RC/RB

30" special knee wall balusters*

Not available in Oil Rubbed Bronze

8 3/8

11 1/4

10 3/8

3101-30

12mm

4 1/2

8 1/2

6 1/2

3102-30

12mm

4 1/2

5 1/4

6 1/2

3121-30

12mm

4 1/2

8 1/2

6 1/2

3122-30

12mm

3 23/32

21 1/4

5 1/32

3708-30

12mm

12 1/4

11

20 3/4

3101-44

12mm

30" balusters are designed with tighter dimensions *specifically* for knee walls.

Nominal size is 1/2"
For more detailed information go to Index section page 71

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HOLLOW BALUSTERS

Note: Not all images are to scale. | All dimensions in inches unless specified.

See pages 6, 17, 21 and 23 for more Oil Rubbed Bronze balusters.

6 1/4

5 1/4

12 1/4

5 1/4

15

3102-44

12mm

6 1/4

5 1/4

12 1/4

5 1/4

15

3121-44

12mm

6 1/4

5 1/4

12 1/4

5 1/4

15

3122-44

12mm

44

15 3/4

3700-44

12mm

7

21 1/4

4 3/8

15 3/4

3708-44

12mm

ADD ONE OF MANY AVAILABLE ACCESSORIES TO STRAIGHT BARS See page 29

Standard length balusters

30" knee wall balusters

3708, 3101 & 3102 Balusters

Standard length balusters

30" knee wall balusters

3121, 3122 & 3101 Balusters

The above pictures show how 30" balusters and 44" balusters should be installed.

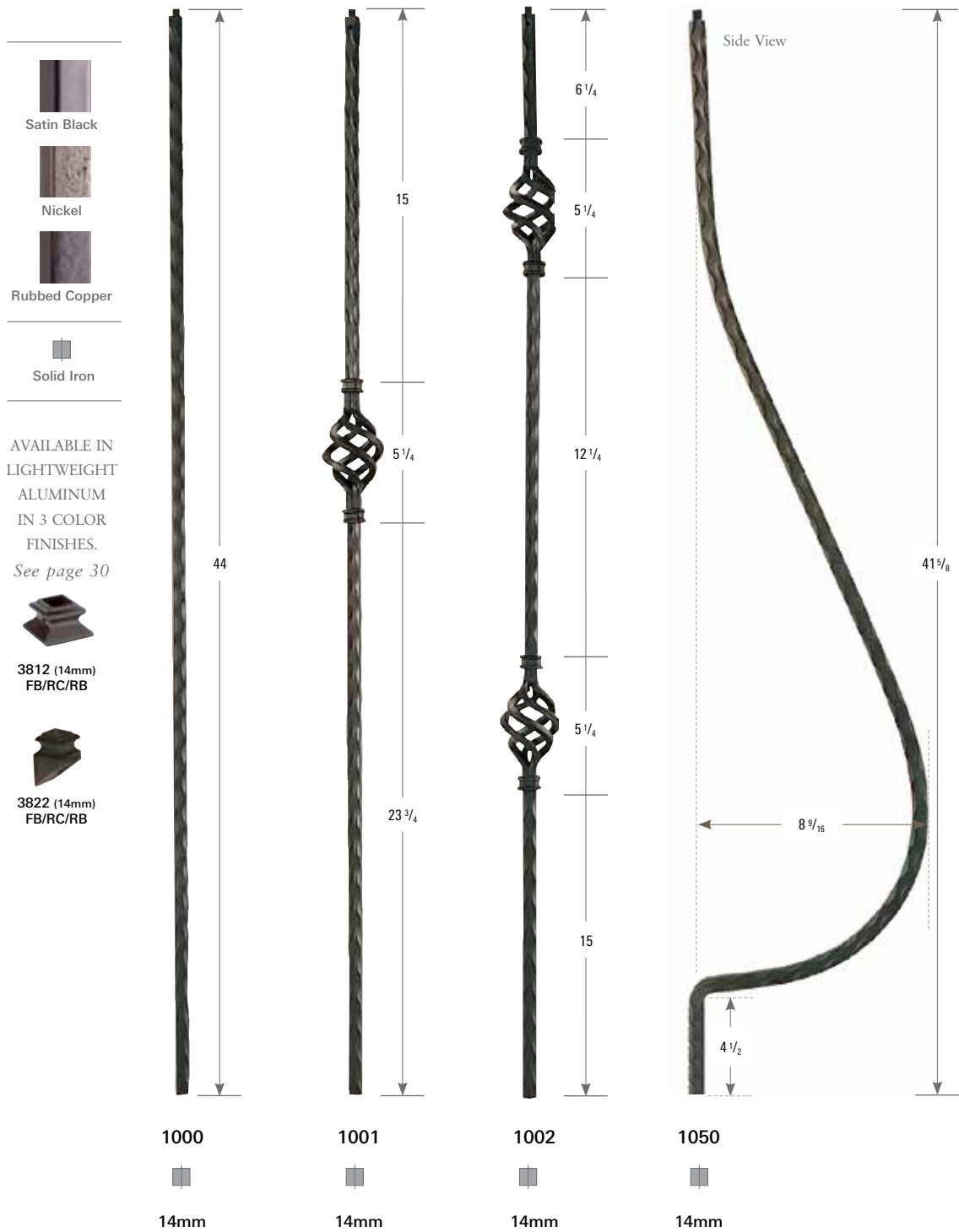
30" balusters are especially designed with tighter dimensions to fit between the rail and the knee wall. For 44" balusters revert to standard installation dimensions.

Note: 30" balusters should only be used in knee wall installations.

10

MILAN COLLECTION

SOLID IRON BALUSTERS ONLY



Nominal size is 9/16"

For more detailed information go to Index section page 71

Belly balusters are used on balconies to replicate Old-World Charm

MILAN COLLECTION

Note: Not all images are to scale. | All dimensions in inches unless specified.

OVER-THE-POST
IRON NEWELS



Forged Iron balusters are compliant with the 4" sphere building code requirement.

3/4" is included in the overall height for the pin tops on the balusters.

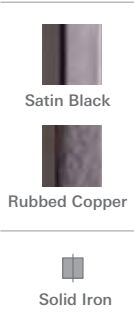


FLORENCE COLLECTION

SOLID IRON BALUSTERS ONLY

FLORENCE COLLECTION

Note: Not all images are to scale. | All dimensions in inches unless specified.



AVAILABLE IN
LIGHTWEIGHT
ALUMINUM
IN 3 COLOR
FINISHES.
See page 30



1060


14mm

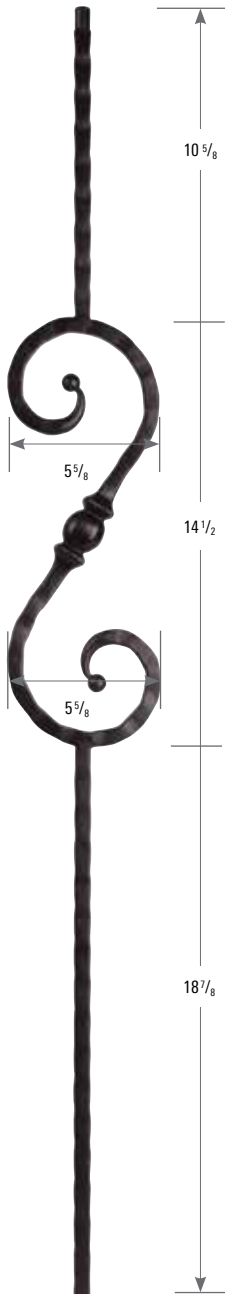


1061

14mm



1062

14mm



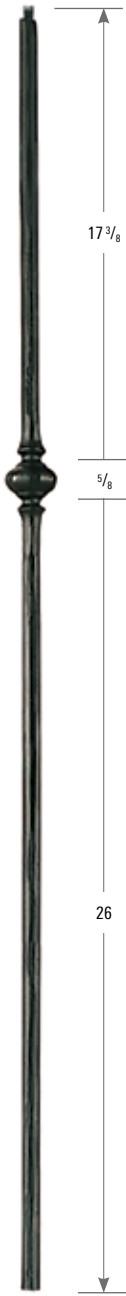
1068

14mm



1070

12mm



1071

12mm



1074

16mm

For more detailed information go to Index section page 71

3/4" is included in the overall height for the pin tops on the balusters.

1070, 1071 and 1074 are hammered round therefore square shoes are not required. Any round iron baluster can be installed in round drilled holes and secured with Crown Heritage Epoxy.



PALERMO COLLECTION

SOLID IRON BALUSTERS ONLY



ROMA COLLECTION

AVAILABLE IN BOTH SOLID & HOLLOW BALUSTERS

See pages 6, 10, 21 and 23 for more Oil Rubbed Bronze balusters.



Nominal size is 9/16"
For more detailed information go to Index section page 71

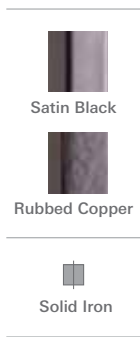
ROMA COLLECTION

Note: Not all images are to scale. | All dimensions in inches unless specified.



VICENZA COLLECTION

SOLID IRON BALUSTERS ONLY



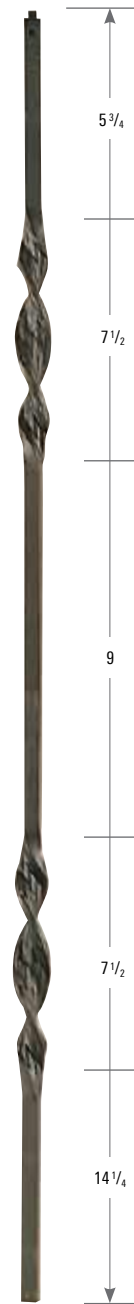
AVAILABLE IN
LIGHTWEIGHT
ALUMINUM
IN 3 COLOR
FINISHES.
See page 30



1301



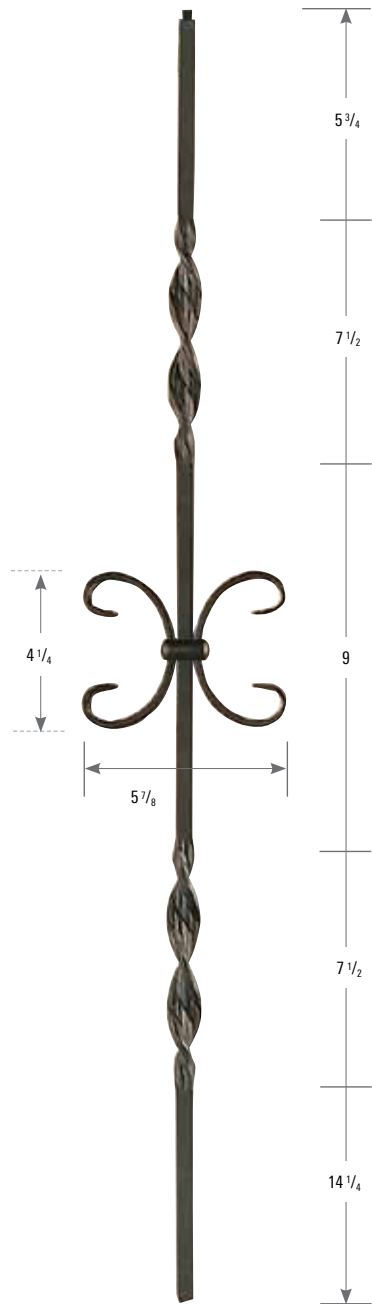
12mm



1302



12mm



1331



12mm



1332



12mm



1332
Baluster
Detail

OVER-THE-POST
IRON NEWEL

Only available in
Satin Black



1391



30mm



1391
Newel

Nominal size is 1/2"
For more detailed information go to Index section page 71

VICENZA COLLECTION

Note: Not all images are to scale. | All dimensions in inches unless specified.

3/4" is included in the overall height for the pin tops on the balusters.



MARSALA COLLECTION

AVAILABLE IN BOTH SOLID & HOLLOW BALUSTERS

See pages 6, 10, 17 and 23 for more Oil Rubbed Bronze balusters.



Satin Black



Rubbed Copper



Nickel



Oil Rubbed Bronze



Solid Iron



Hollow Iron

AVAILABLE IN LIGHTWEIGHT ALUMINUM IN 3 COLOR FINISHES.
See page 30



3812 (14mm)
FB/RC/RB



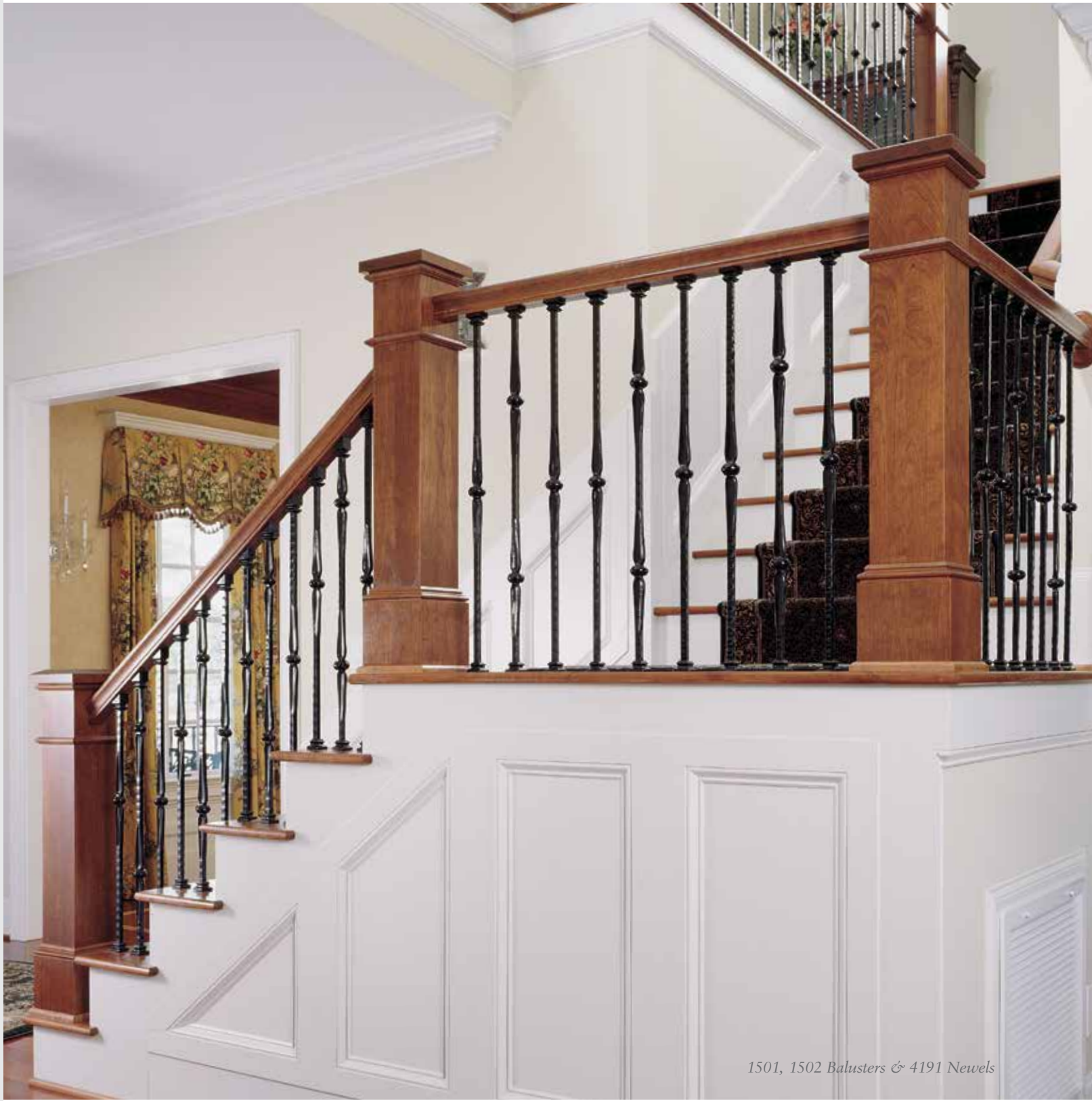
3822 (14mm)
FB/RC/RB

				
1501 (Solid) 3501 (Hollow)	1501NK Nickel	1501RC Rubbed Copper	1502 (Solid) 3502 (Hollow)	1531 (Solid) 3531 (Hollow)
 			 	 
14mm	14mm	14mm	14mm	14mm

Nominal size is 9/16"
For more detailed information go to Index section page 71

MARSALA COLLECTION

Note: Not all images are to scale. | All dimensions in inches unless specified.



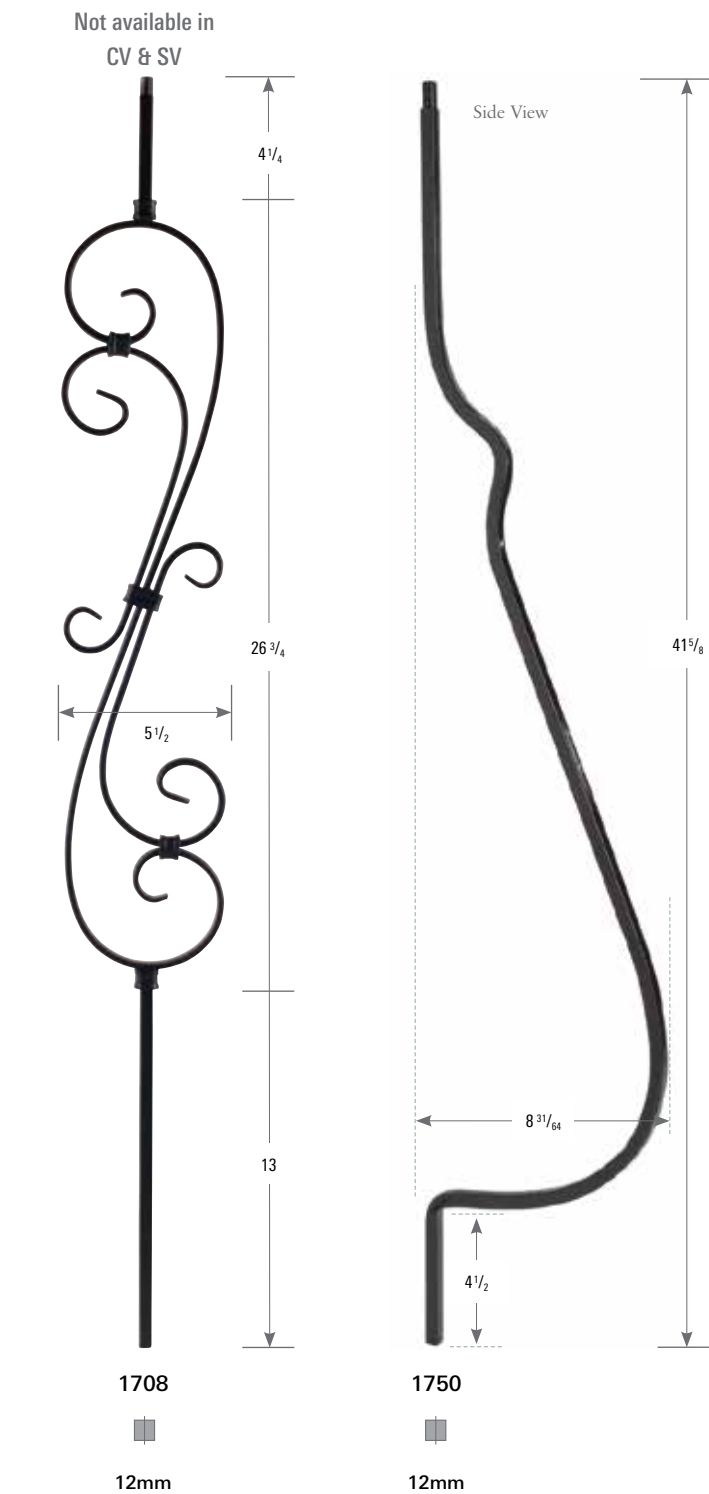
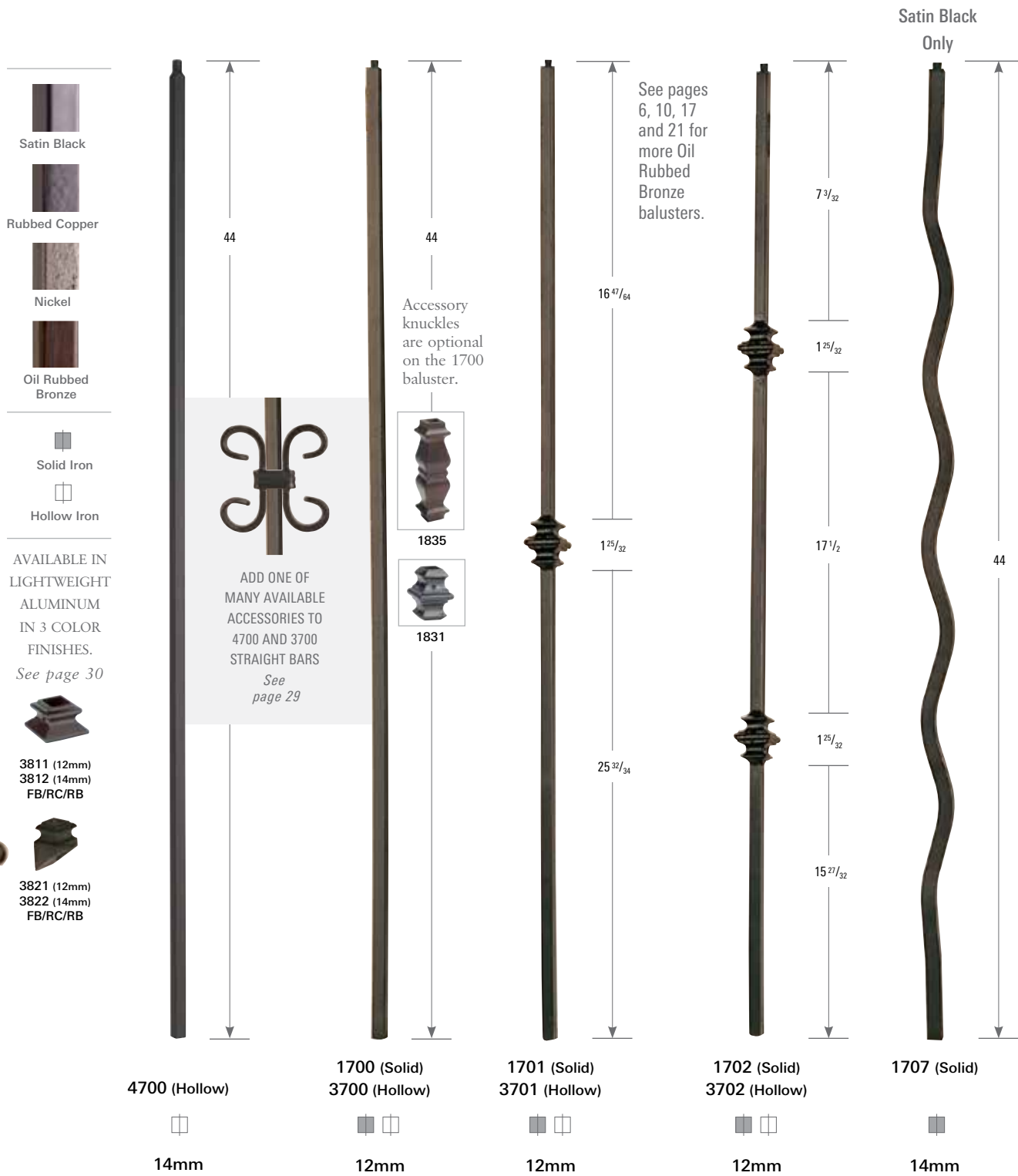
1501, 1502 Balusters & 4191 Newels

3/4" is included in the overall height for the pin tops on the balusters.



SICILY COLLECTION

AVAILABLE IN BOTH SOLID & HOLLOW BALUSTERS



Forged Iron balusters are compliant with the 4" sphere building code requirement.
3/4" is included in the overall height for the pin tops on the balusters.



1101, 1102, 1708 Balusters & 8510 Newel

FORGED IRON

FORGED IRON INSTALLATION

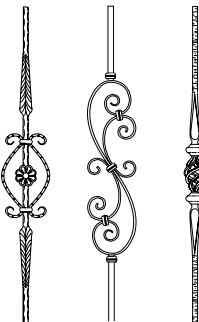
STEP ONE — BALUSTERS



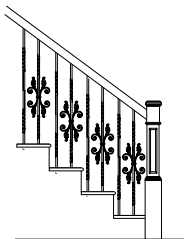
Here's your chance to be creative. Our forged iron stairways may be designed to your preference. Feel free to "mix and match" balusters that appeal to you. Almost any combination is acceptable.

Balusters for the Balcony

Our graceful "belly balusters" are specially designed for balconies. They are a great way to make your stairway unique!

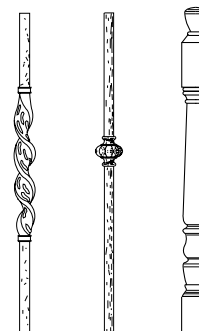


STEP TWO — NEWELS



Installation Using a Box Newel

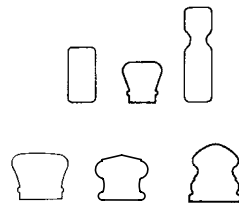
You may choose either a forged iron or a wood newel. Forged iron newels may be used in Over-the-Post installations. Wood newels may be used in both Post-to-Post and Over-the-Post stairways. If you choose a wood newel installation, consider one of our many box newels—combined with forged iron balusters, they make a beautiful stairway (see pages 35-38).



Handrail Profiles

STEP THREE — HANDRAILS

Again, we offer a wide array of styles with matching fittings. See page 59 for the handrails that may be used with our forged iron stairways.



STEP FOUR — TIPS

Many building codes require three balusters on a tread. Check with your local code officials if you have any doubts about compliance.

Because these balusters are handcrafted, they may vary slightly in size. Please check each baluster and newel *before* you drill the hole for it.

STEP FIVE — COMPONENTS

Balusters are offered in both square and round shapes and may be installed with or without shoes. Each requires that the appropriately-shaped hole be cut in the tread and handrail. One way to cut the square hole is by drilling a round hole in the wood the same size as the baluster's overall width. Then, chisel out the hole to make it square (see illustration 2).

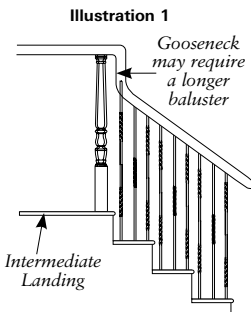


Illustration 1

Illustration 2

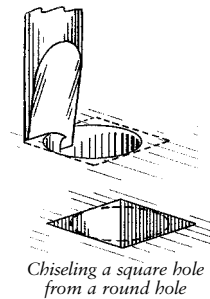


Illustration 3

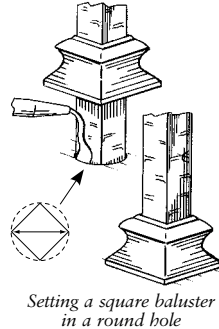


Illustration 4

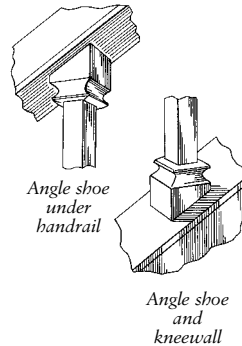
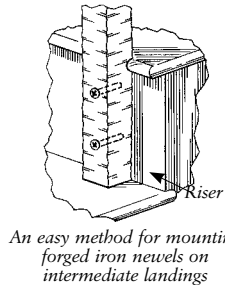


Illustration 5



DESIGN AND INSTALL FORGED IRON STAIRWAYS

If you use shoes, you may decide to drill a round hole and not chisel it square. This hole will be the size of the diagonal measurement of the baluster and will be hidden by the shoe (some shoes have set screws to hold them in place [see illustration 3]). We recommend using epoxy in the hole. You may apply the epoxy in one of two ways:

- (1) If you have only a few steps to install, you may put the epoxy in the hole before the baluster. Apply a small amount of epoxy—you don't want it to overflow when the baluster is inserted. Then, put the shoe on the baluster and place the baluster in the hole. Continue up the staircase.
Important: The cure time for epoxy is approximately 15 minutes, so you must proceed with speed once you've started the process!
- (2) If you have several steps to install—or if you don't feel comfortable with scenario #1—then place the baluster in the hole **before** applying the epoxy. Put the epoxy in the hole between the baluster and the side of the hole (see illustration 3). Do not get epoxy on any wood surfaces that you are going to finish.

If you are using **round forged iron balusters**, you may drill a small hole through the baluster and insert a small finishing nail into the wood. Or, you may fit the baluster into a hole of the same size drilled into the tread and allow it to turn.

Angle shoes are used beneath the handrail and where the baluster connects to the treads, and also on installations where a knee wall is used (see illustration 4). A set screw on the side of the shoe will hold it in place.

Forged iron newels are installed differently depending upon their locations:

- **Starting step:** Cut a square hole into the tread and riser plates. The hole must be a good, tight fit around the newel. A mortising bit is very helpful for cutting this square hole.
- **Intermediate landing:** Drill two holes in the side of the newel and attach the newel to the riser. This is the easiest and strongest method (see illustration 5).
- **Balcony:** Cut square holes into the floor. Then, depending on under-floor access, either screw the newel into a joist (similar to the way an intermediate newel is screwed into a riser) or attach the newel to the front of the balcony with the appropriate screws.

NOTE: USE THE 1843 NEWEL INSTALLATION HARDWARE TO INSTALL 30MM FORGED IRON NEWELS





CREATE
A PLACE OF STYLE AND BEAUTY

ACCESSORY IRON

ADD ACCESSORY IRON TO STRAIGHT BARS

We offer several accessory iron designs that add design elements to your straight bar balusters. Accessory iron styles are available for 1900 Series (19 mm), 1400 Series (14 mm) and 1200 Series (12 mm) balusters. Straight bars and accessory iron are perfect for use on knee walls.

DESIGN YOUR OWN ACCESSORY IRON STAIRCASE STYLE



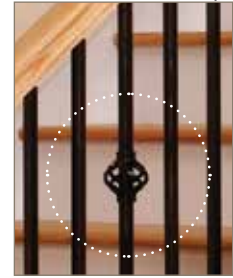
1863/2700



1864/2700



1865/2700



1866/2700



2700-44 Hollow 19mm
4700-44 Hollow 14mm
3700-44 Hollow 12mm



1861 12mm 14mm 19mm
1863 12mm 14mm 19mm
1864 12mm 14mm 19mm



1865 12mm 14mm 19mm
1866 12mm 14mm 19mm
1867 12mm 14mm 19mm

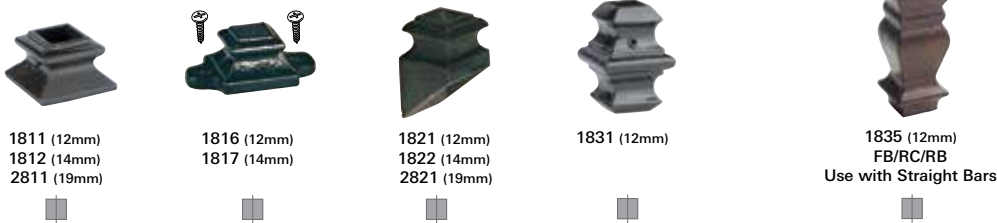
ACCESSORY IRON NOT SHOWN TO SCALE



IRON

IRON COMPONENTS

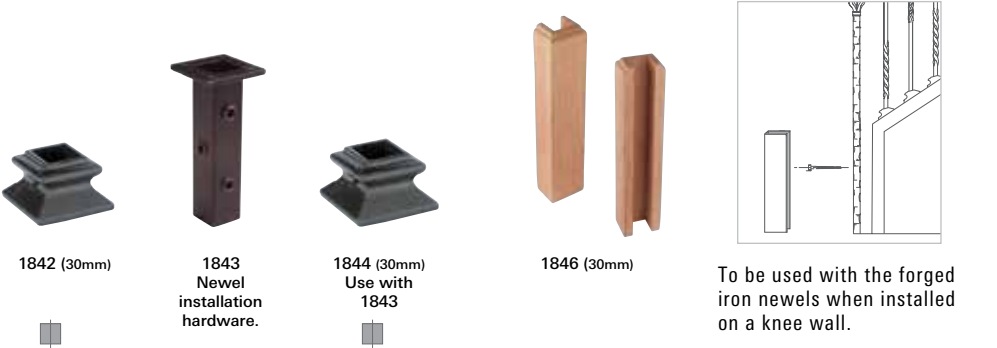
FORGED IRON SHOES



LIGHTWEIGHT ALUMINUM KNUCKLES & SHOES



NEWEL HARDWARE



HARDWARE



³3037 2-Pack Epoxy tips for 3039 available.

