





Coffman Stair Parts has been a leading name in the stair part industry since 1874. For over 140 years, Coffman Stair Parts has been committed to providing the highest quality and workmanship of wood and iron stair parts. With a name you can trust, Coffman's focus on our customer's needs has us constantly looking for ways to offer improved service with programs, technology and the highest level of sales support.

www.WM-Coffman.com

800.810.9204



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# Six Easy Steps to Create an Elegant Staircase

Creating a staircase just the way you want it is easier than ever with Coffman Stair Parts. Whatever your personal style or type of home, you'll enjoy turning the stairway that you imagine into a beautiful creation. Our step-by-step process below will help guide you to a perfectly crafted staircase.

Have any questions? Our dedicated team of stair professionals are here to help. Contact us at (800) 810-9204 or email us at sales@wm-coffman.com and also check us out at www.wm-coffman.com.

# Choose an Over-the-Post or Post-to-Post System

Over-the-Post stairways incorporate a continuous handrail that is set atop the newels and balusters for the length of the stair run and allow for the use of a variety of decorative fittings.

Post-to-Post stairways feature a handrail that connects into an upper square block on the newel.



**OVER-THE-POST** 

**POST-TO-POST** 

# 2. Select Your Wood Species

Give your staircase a personal touch with beautiful wood. Consider selecting from our standard species that include Red Oak, White Oak, Poplar, Hard Maple, and Beech. Add a higher degree of distinction with virtually any custom wood species. We will craft virtually any style of stair in the exotic specie of your choice.

Contact us today for information at sales@wm-coffman.com.



# **3.** Select Your Baluster Style

All wood balusters are either pin top or square top. Pin top balusters have turned, round tops that are inserted into holes drilled into an unplowed handrail (as well as Iron Balusters). Square top balusters have a turned portion, leaving a square upper and lower portion. Square top balusters require a plowed handrail and fillet.





**PIN TOP** 

# 4. Choose Your Collection

Our extensive Collections are created to fit your style and your home's interior setting. Their design possibilities are almost limitless. Find the look that works best for you. Choose the profile you like and combine it with your preference of Newel design.







# **Select Your Handrail**

Most handrails are available either plowed or unplowed, as shown in the pictures, and are designed to correspond to your selection of baluster type.





**PLOWED** 

UNPLOWED

# **Add Detail with Design Options**

Enhance your staircase with a wealth of decorative design accessories. Our appealing array of starting steps, rosettes and tread brackets provides finishing touches to create a richly decorated stairway that you and your family will cherish. You will find many finely crafted options throughout this book to help you create your perfect stairway.





**ROSETTE** 

STARTING STEP





TREAD BRACKET





# **Product Summary**

# **Post to Post Systems**



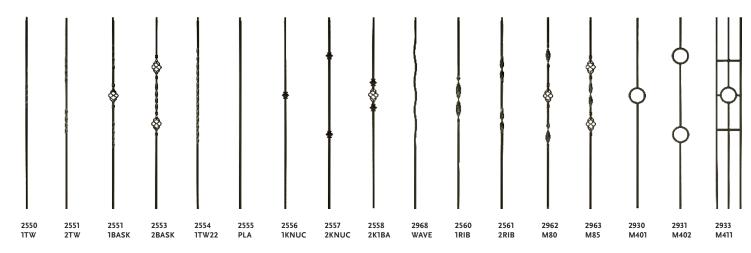
# **Over the Post Systems**



#### **Box Newels**



# 1/2" Iron Baluster Options



Ender Wall Series

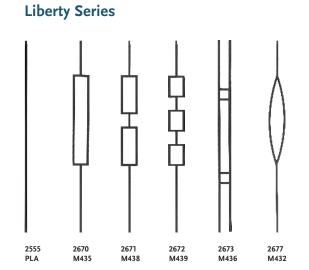
Scroll Series

Belly Series

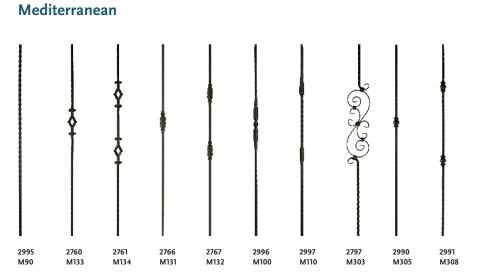
Belly Series

2580 2585 2581 2582 2583 2982 2986 2987 2988 18ASK-BLY KWITW KWZTW KWZTW KWZTW KWZTW KWZTW KWZBA KWM501 M301 M501 M601 M325 M326 M331 PLA-BLY TTW-BLY 178-BLY 18ASK-BLY





# %16" Iron Baluster Options



#### 5/8" Iron Baluster Options

**Round Series** 

**Venetian Series** 

2596 M652

2597 M653



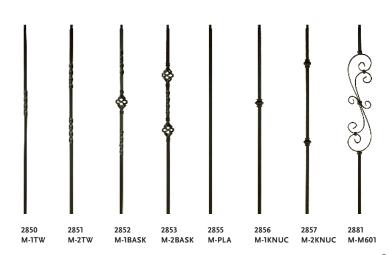
2571 M150

2572 M60

Hammered

3/4" Iron Baluster Options

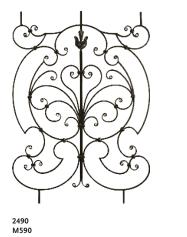
**Mega Baluster Series** 

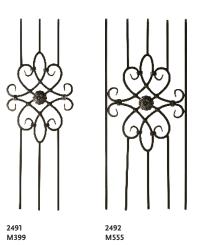


**Iron Newels** 

# 2452 N-1TW 2450 N-1BASK

**Decorative Panels** 





# **Shoe & Knuckle Options**

1/2" Shoes













M-020





1/2" Round Shoes

5/8" Shoes





%16" Shoes









%16" Round Shoes



3/4" Shoes



2391 M-FSH-08

M-M-08

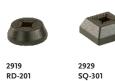


2390 M-PSH-08





Universal (1/2" or 9/16") Shoes







**Newel Kit** 

SQ-301

RM-201



# Wood Species Guide

#### **Available Stocking Wood Species**

Coffman Stair Parts offers a large selection of quality stair parts in the most popular wood species including Red Oak, White Oak, Poplar, Hard Maple, and Beech. We also offer a wide range of Primed White options.





# **Custom Program**

Coffman Stair Parts has over 140 years of creating beautiful stair components for any home. Contact one of our customer satisfaction team members for more information on your custom project. We can make virtually any stair part for your project in nearly any specie including Hickory, Alder, Cherry, Walnut, and many others.





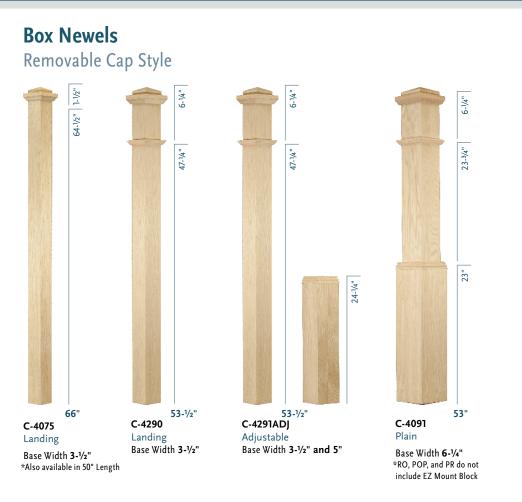
Wood Collection Wood Collection

#### **Box Newels**

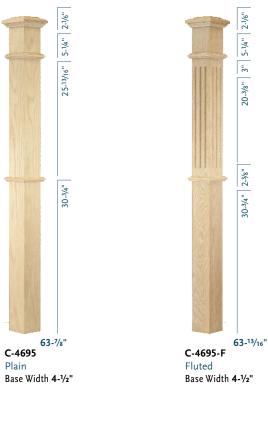
Each Box Newel Family has unique Cap and Trim designs. Ex: Removable Cap Style Box Newels have a different Cap and Trim as the Fixed Cap Style Box Newels, etc.

All Removable Cap Style Box Newels come with a Flat Cap and a Pyramid Cap to give more design options.

All 3-1/2" and 4-1/2" Box Newels have solid bases. All 6-1/4" and 7-1/2" Box Newels have a hollow base for easier installation (using the Coffman EZ Mount Installation Block).







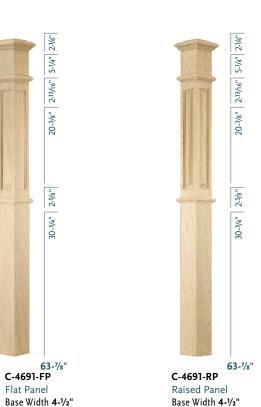


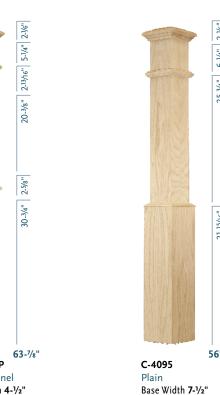














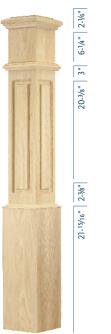






#### **Box Newels**

Fixed Cap Style





Base Width 7-1/2"





#### **Box Newels**

C-4095-RP

Raised Panel

Base Width 7-1/2"

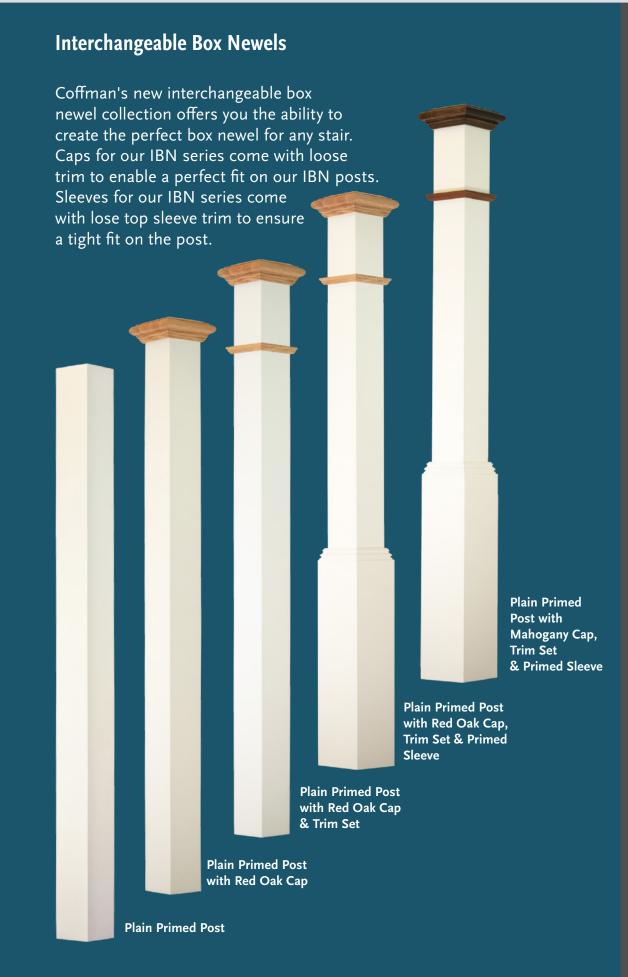
Mission Style



Base Width 4-1/2"







To Create Your Own Custom Box Newel, Select:

1. Plain or Flat Panel



Flat Panel

2. Sleeve & Width

Available to fit all size posts  $3^{-1/2}$ ",  $4^{-1/2}$ ", or  $5^{-1/2}$ "

Overall Sleeve Width 3-1/2" post – 5" overall 4-1/2" post – 6" overall 5-1/2" post – 7"overall

3. Cap & Trim



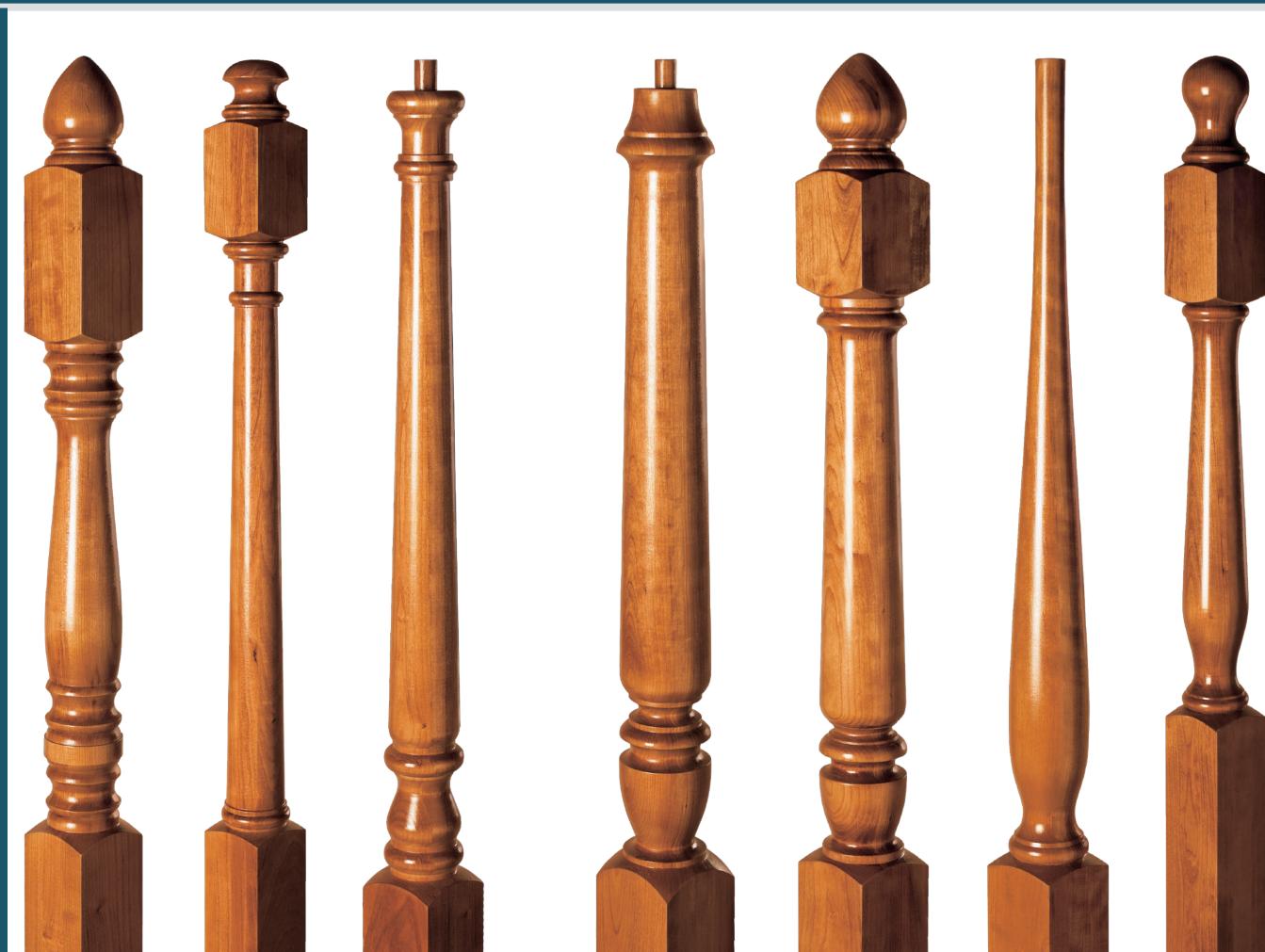
Available to fit all size posts 3-1/2", 4-1/2" or 5-1/2"

Available in: Red Oak, Poplar, Primed, Hard Maple, White Oak

Ask us about our New England Cap Style Wood Collection Wood Collection

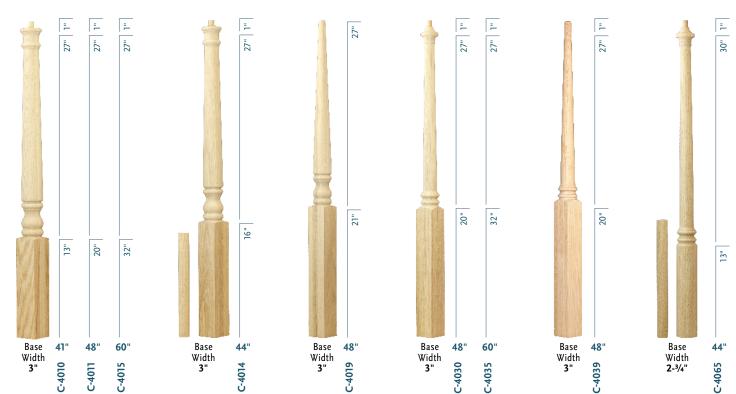
# **Wood Series**

Coffman Stair Parts has a rich history of offering a variety of beautifully crafted Wood stair parts. Our attention to detail and focus on quality has allowed Coffman to be an industry leader for over 140 years. We offer a wide range of styles in the most popular species (Red Oak, White Oak, Poplar, Hard Maple, and Beech) and can create any part you need in virtually any specie.



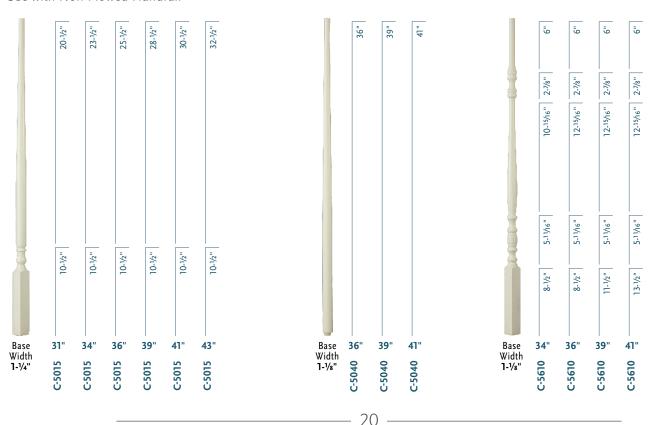
#### **Over-the-Post Pintop Newels**

**Traditional Series** 



# **Over-the-Post Pintop Balusters**

Traditional Series
Use with Non-Plowed Handrail



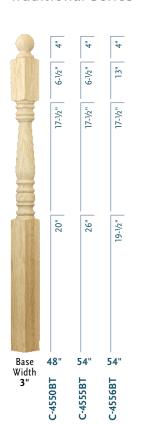
#### **Post-to-Post Newels**

**Traditional Series** 



#### **Post-to-Post Newels**

**Traditional Series** 



#### **Square Top Balusters**

Traditional Series
Use with 1-1/4" Plowed Handrail



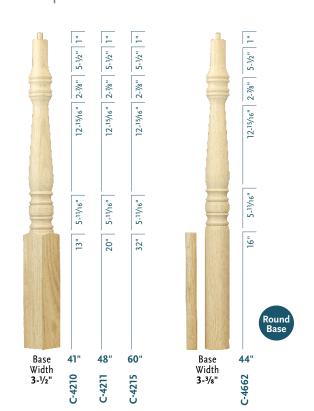
Wood Collection



# Wood Collection

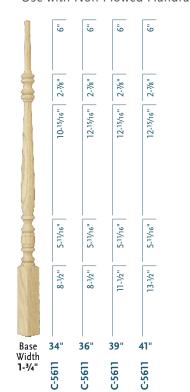
#### **Over-the-Post Pintop Newels**

**Hampton Series** 



# Over-the-Post Pintop Balusters

Hampton Series
Use with Non-Plowed Handrail



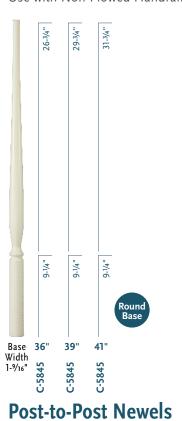
# **Over-the-Post Pintop Newels**

Art Deco Series



# **Over-the-Post Pintop Balusters**

Art Deco Series
Use with Non-Plowed Handrail



#### **Post-to-Post Newels**

13"

**Art Deco Series** 

6-1/2"

25-1/2"

Base **56**" **72**"

Width **3-1/2**"



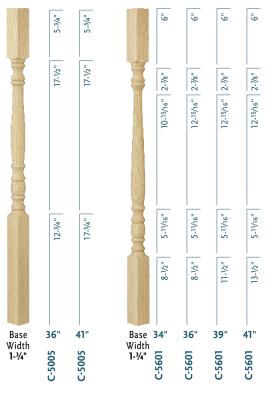
#### **Post-to-Post Newels**

**Hampton Series** 





Hampton Series
Use with 1-3/4" Plowed Handrail



— 22 — Coffman



# Wood Collection

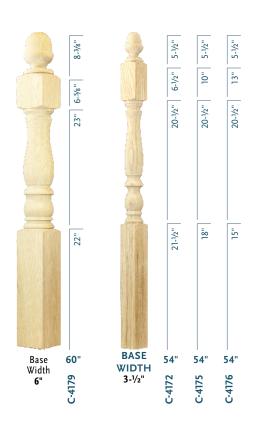
#### **Over-the-Post Pintop Newels**

**Bristol Series** 



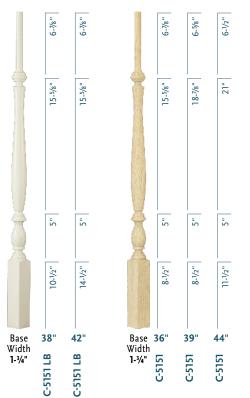
#### **Post-to-Post Newels**

**Bristol Series** 



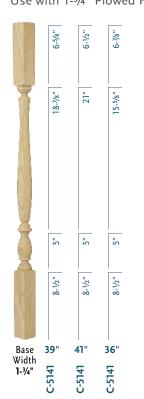
#### **Over-the-Post Pintop Balusters**

Bristol Series
Use with Non-Plowed Handrail



#### **Square Top Balusters**

Bristol Series
Use with 1-3/4" Plowed Handrail



### **Over-the-Post Pintop Newels**

Chippendale Series



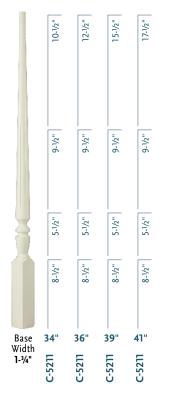
#### **Post-to-Post Newels**

Chippendale Series



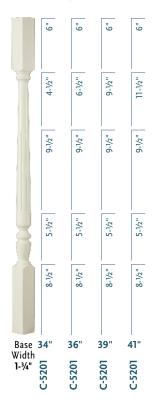
# **Over-the-Post Pintop Balusters**

Chippendale Series
Use with Non-Plowed Handrail



#### **Square Top Balusters**

Chippendale Series
Use with 1-3/4" Plowed Handrail

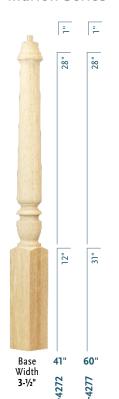




# Wood Collection

#### **Over-the-Post Pintop Newels**

**Marion Series** 



#### **Post-to-Post Newels**

**Marion Series** 



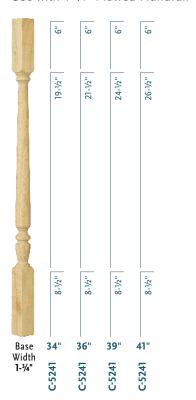
#### **Over-the-Post Pintop Balusters**

Marion Series
Use with Non-Plowed Handrail



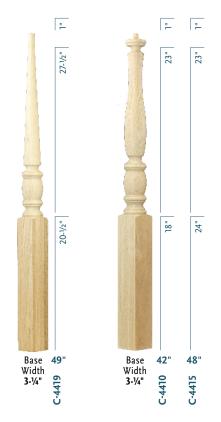
#### **Square Top Balusters**

Marion Series
Use with 1-3/4" Plowed Handrail



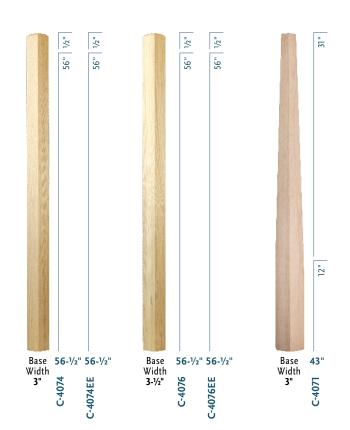
### **Over-the-Post Pintop Newels**

**Richmond Series** 



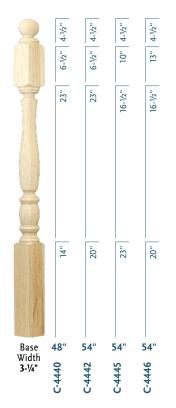
#### **Post-to-Post Newels**

Craftsman Series



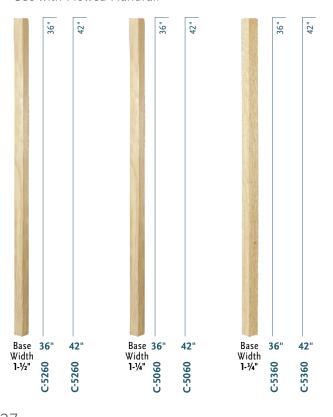
#### **Post-to-Post Newels**

Richmond Series



#### **Square Top Balusters**

Craftsman Series
Use with Plowed Handrail



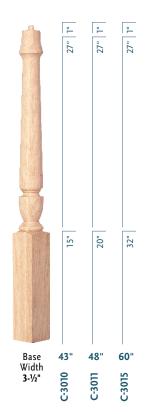
26 -





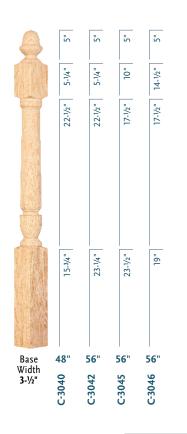
# **Over-the-Post Pintop Newels**

Gatlin Series



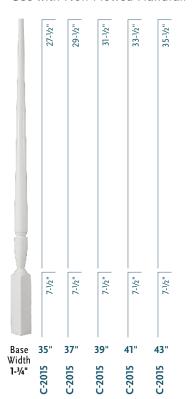
#### **Post-to-Post Newels**

Gatlin Series



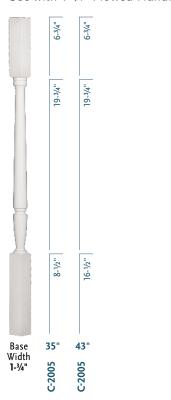
# **Over-the-Post Pintop Balusters**

Gatlin Series
Use with Non-Plowed Handrail

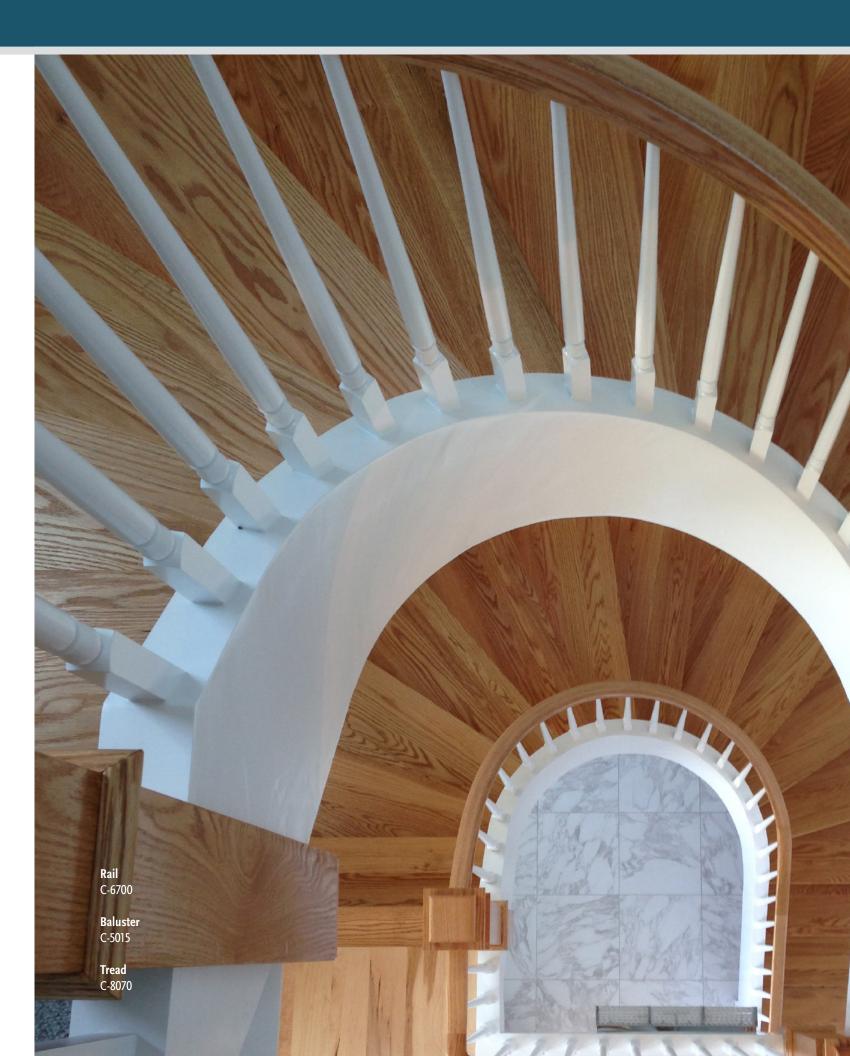


# **Square Top Balusters**

Gatlin Series Use with 1-3/4" Plowed Handrail

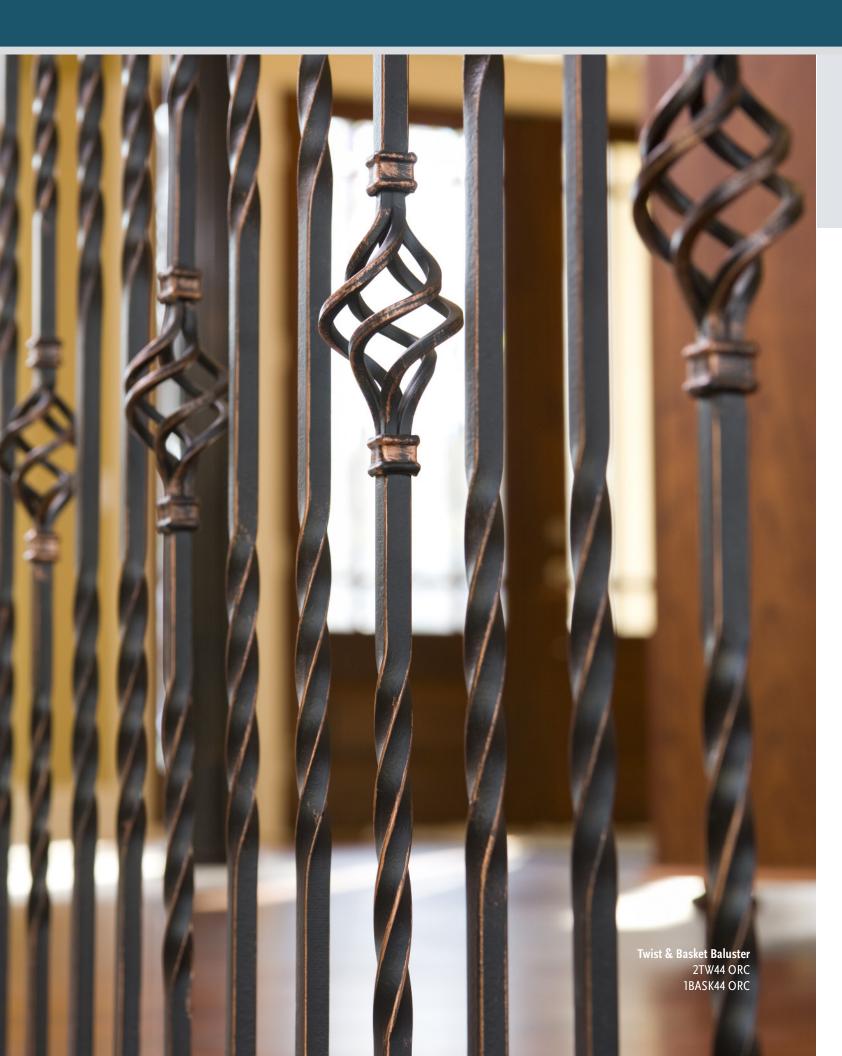


Coffman





# Iron Collection



#### **Available Iron Finishes**

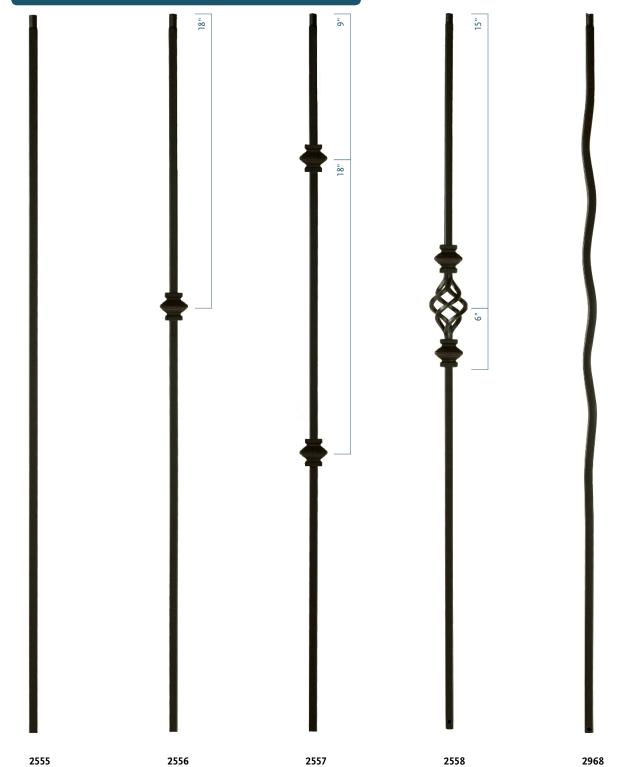
Coffman Stair Parts 8 finishes offer the options you need to create a welcoming staircase with the warmth of iron. Use the Coffman Stair Artist tool (wm-coffman.com) to create a unique pattern for your stairway.



# **Twist & Basket Series** Use with 1/2" SQUARE shoes found on page 54 2550 2551 2552 2553 2554 2TW44 1BASK44 2BASK44 1TW22 ITW44 1/2" × 44" 1/2" × 44" ½" × 44" 1/2" × 44" 1/2" × 44" ABZ, BLK, ORB, ORC, SAT Lite Iron Lite Iron ABZ, BLK, ORB, ORC, PC, ABZ, BLK, ORB, ORC, SAT SAT, AG, PC SAT, AG, PC SAT, AG, PC SAT, AG, PC

#### **Versatile Series**

Use with 1/2" SQUARE shoes found on page 54



2555
PLA44

1/2" × 44"

Solid Iron

ABZ, BLK, ORB, ORC, SAT

Lite Iron

ABZ, BLK, ORB, ORC, PC,

SAT, AG, PC

2556 1KNUC44 1/2" × 44" Solid Iron ABZ, BLK, ORB, ORC, SAT Lite Iron ABZ, BLK, ORB, ORC, PC,

SAT, AG, PC

2KNUC44 1/2" × 44" Solid Iron ABZ, BLK, ORB, ORC, SAT Lite Iron ABZ, BLK, ORB, ORC, PC, 2558 2KNUC1BASK44 1/2" × 44" Lite Iron ABZ, BLK, ORB, ORC, SAT

WAVE44
1/2" × 44"
Lite Iron
ABZ, BLK, ORB, ORC, SAT

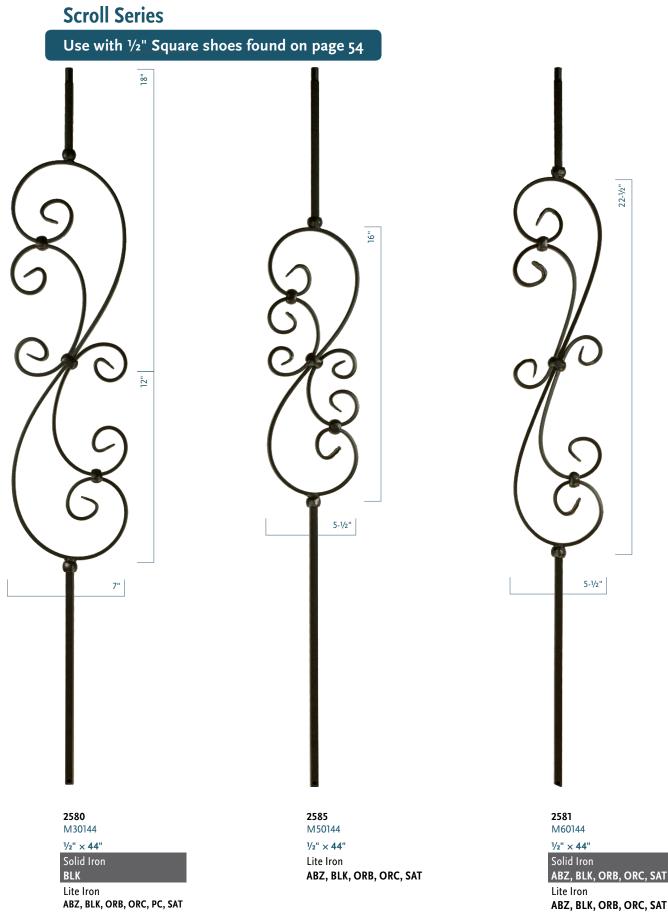
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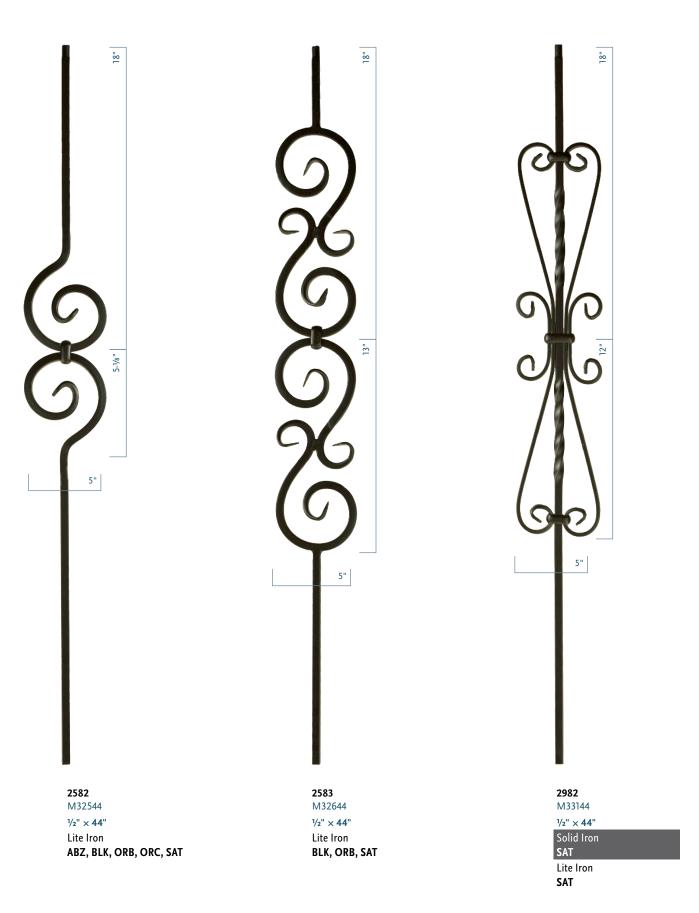


SAT, AG, PC

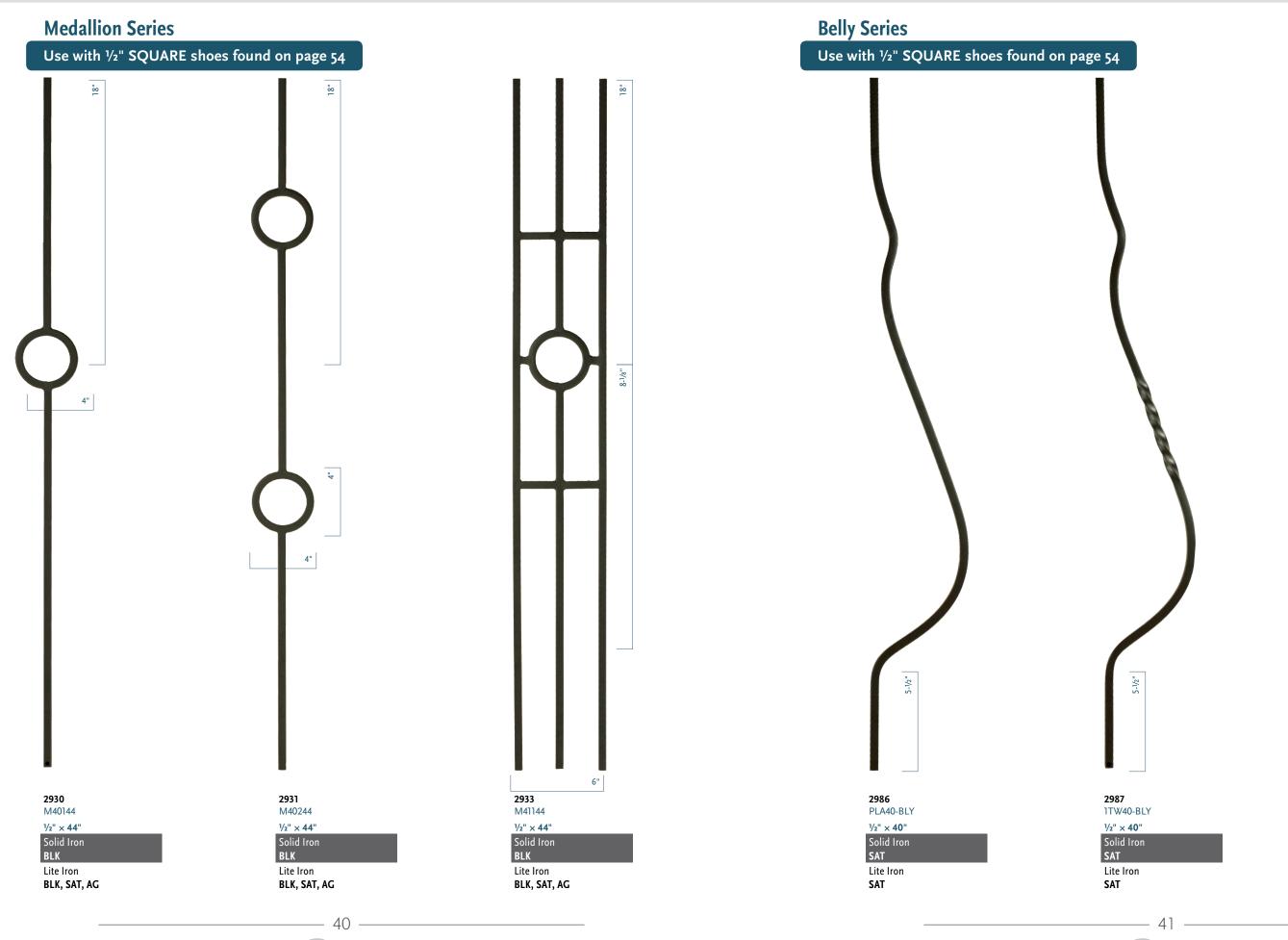








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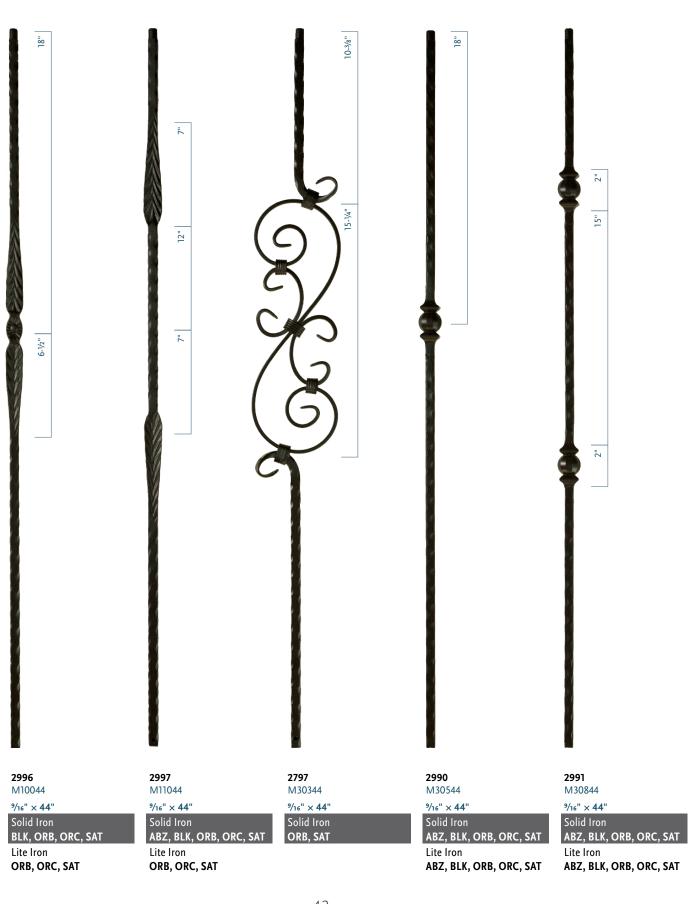
**2988** 1BASK40-BLY

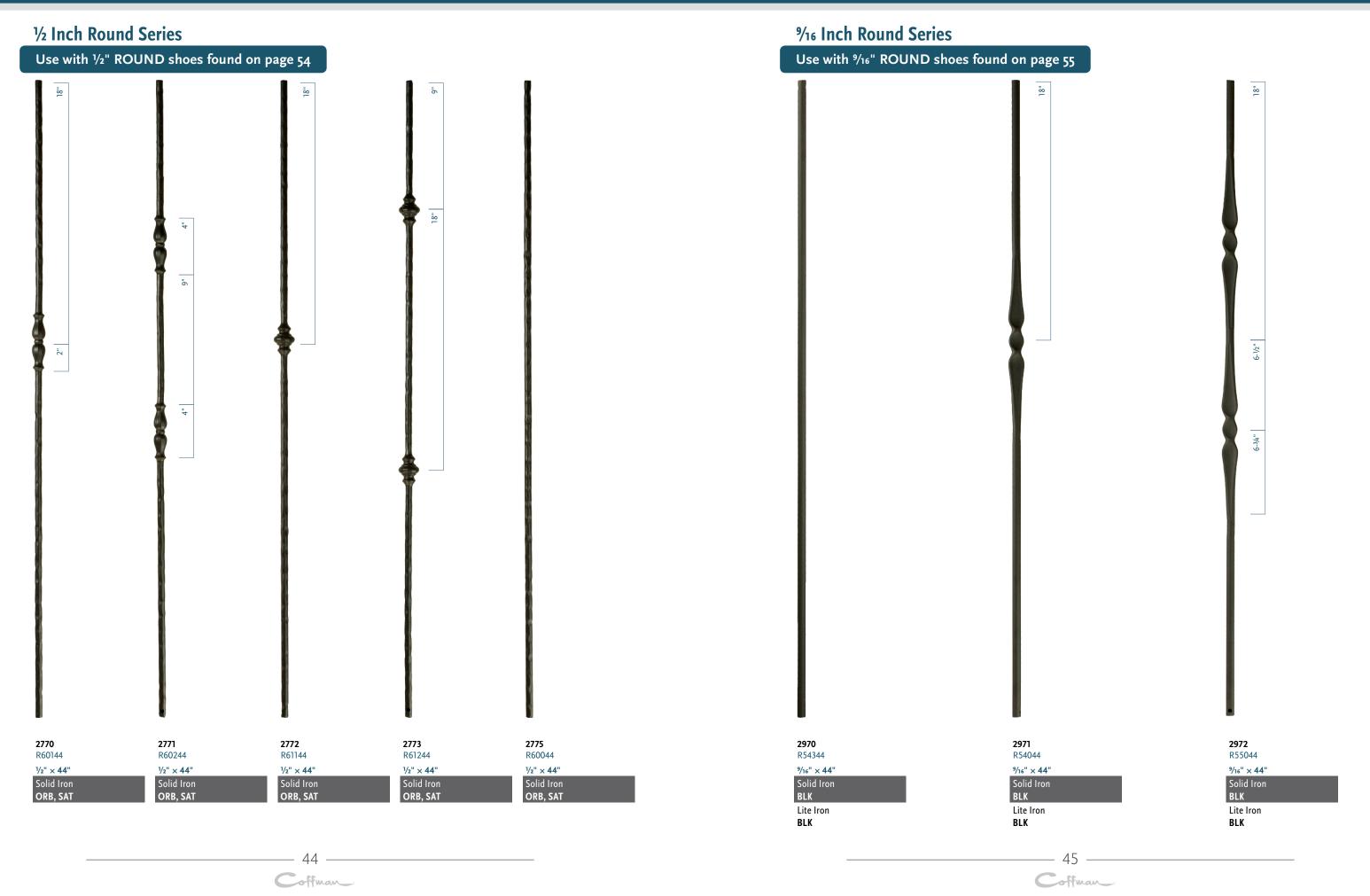
1/2" × 40"

Solid Iron **SAT** 

SAT

# **Mediterranean Series** Use with %16" SQUARE shoes found on page 54 **2766** M13144 **2767** M13244 2995 2760 2761 M13344 M9044 M13444 <sup>9</sup>/16" × 44" Solid Iron ORB, SAT Solid Iron Solid Iron Solid Iron Solid Iron ORB, SAT ABZ, BLK, ORB, ORC, SAT ORB, SAT ORB, SAT ABZ, BLK, ORB, ORC, SAT







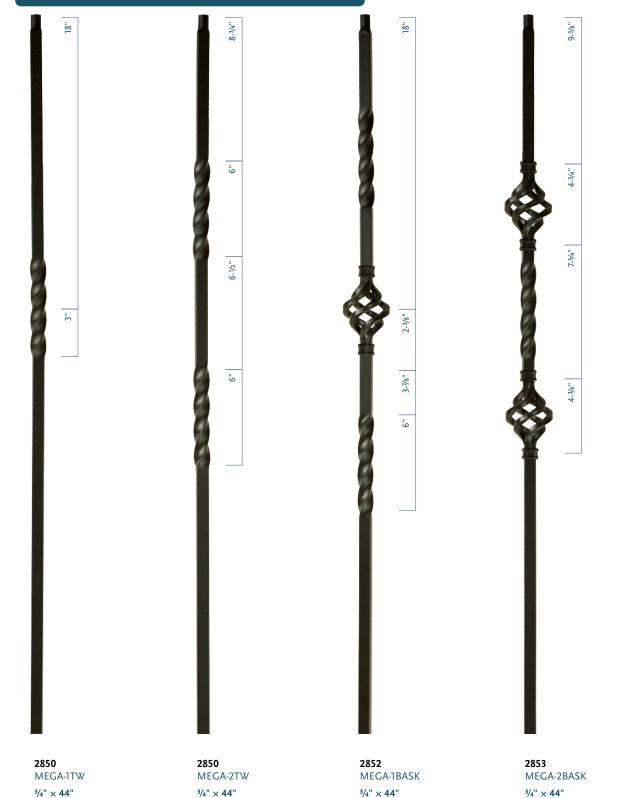
# **Venetian Series** Use with 5/8" ROUND shoes found on page 55 2595 2596 2598 M6522 M65144 M65044 5/8" × 44" 5/8" × 44" 5/8" × 44" 5/8" × 44" Lite Iron Lite Iron Lite Iron Lite Iron BLK, ORB, ORC, SAT BLK, ORB, ORC, SAT BLK, ORB, ORC, SAT BLK, ORB, ORC, SAT

# **Mega Series**

Lite Iron

ABZ, BLK, ORB, ORC, SAT

Use with 3/4" SQUARE shoes found on page 54





48

Lite Iron

ABZ, BLK, ORB, ORC, SAT

49

ABZ, BLK, ORB, ORC, SAT

ABZ, BLK, ORB, ORC, SAT

Coffman

ABZ, BLK, ORB, ORC, SAT

ABZ, BLK, ORB, ORC, SAT

Lite Iron

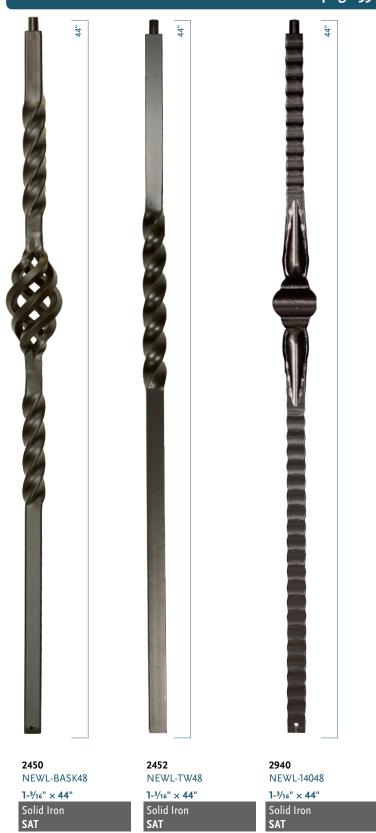
ABZ, BLK, ORB, ORC, SAT

Lite Iron

ABZ, BLK, ORB, ORC, SAT

#### **Iron Newels**

Use with 1-3/16" NEWEL KIT shoes found on page 55



#### **Decorative Panels**

Use 1/2" SQUARE shoes on page 54



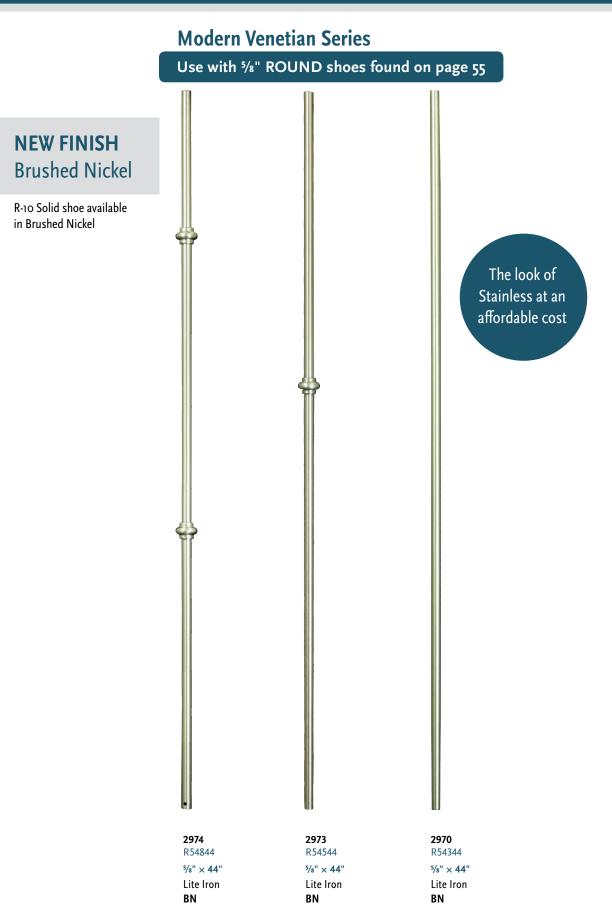


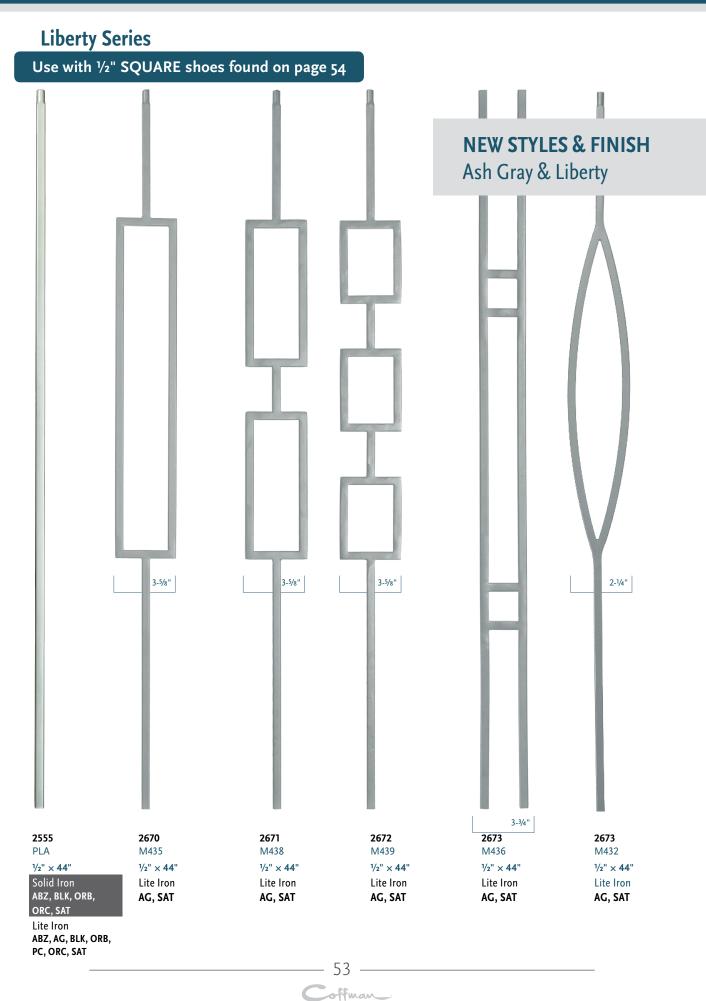




ABZ, BLK, ORB, ORC, SAT

½" × 44"





# **Shoe & Knuckle Options**

Be sure to select shoes that are the same size and shape as your iron balusters.

# 1/2" Square Shoes and Knuckles







AK-01





SCR-04

ABZ, BLK, ORB, ORC, SAT

ABZ, BLK, ORB, ORC, SAT

2350, 2342, 2345, 2350 also available in **PC** 2350, 2342, 2350 also available in AG



M-020

Lite Iron



M-022

PSH-02

# %16" Square Shoes



2915 H-06

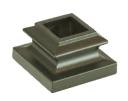


H-05P

Solid Iron
ABZ, BLK, ORB, ORC, SAT

ABZ, BLK, ORB, ORC, SAT

# 3/4" Square Shoes



M-FSH-08



2392 M-M-08



2390 M-PSH-08



ABZ, BLK, ORB, ORC, SAT

ABZ, BLK, ORB, ORC, SAT

#### 1/2" Round Shoes







R-09P

ORB, SAT





RAK-01

5/8" Round Shoes and Knuckles

Lite Iron

#### %16" Round Shoes and Knuckles





Lite Iron



R-06P



2918 RAK-03

Lite Iron BLK



**Newel Kit** 

Universal (1/2" or 9/16") Shoes



ABZ, BLK, ORB, ORC, SAT

2330 RM-301

ORB, SAT

Lite Iron



2331 RM-201









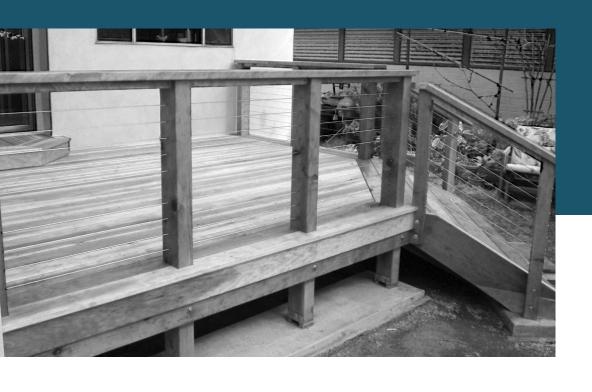
2929 SQ-301

Solid Iron
ORB, SAT Lite Iron ORB, SAT





# Modern Collection











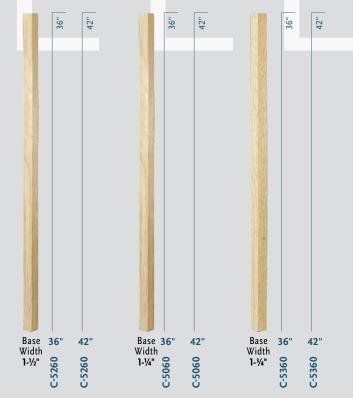
Base 56-1/2" Width 3" 25

Base 43" Width 3" 5

Base 56-1/2" Width 3-1/2" 8













58 59



# Handrails

# Handrails

#### **Rail Series**

Make sure that if you have chosen Square Top Balusters that you select the appropriate Plowed Handrail. Coffman handrail is available in Finger Joint, Solid Cap, and Engineered.

#### PLEASE NOTE:

All Coffman Bending handrails come with bending moulding and all Coffman Plowed handrails and shoerails come with fillet installed. 1-1/4" fillet is crowned (show picture) and 1-3/4" fillet is flat.

#### Traditional Series Lengths Available: 8', 10', 12', 14', 16', 18', and 20'



C-6010 Non-Plowed 2-1/4" × 2-3/8"



C-6010P Plowed 1-1/4" 2-1/4" × 2-3/8"



C-6016 Bending Rail 2-1/4" × 2-3/8"

Classic Series Lengths Available: 8', 10', 12', 14', and 16'



C-6210 Non-Plowed 2-5/8" × 2-3/8"



C-6210P1 Plowed 1-3/4" 2-5/8" × 2-3/8"



C-6216 Bending Rail 2-5/8" × 2-3/8"

**Bristol Series** Lengths Available: 8', 12', and 16'



C-6110 Non-Plowed 2-3/4" × 2-3/4"



C-6110P1 Plowed 1-3/4" 2-3/4" × 2-3/4"



C-6116 Bending Rail 2-3/4" × 2-3/4"

#### Richmond Series Lengths Available: 8', 12', and 16'



C-6410 Non-Plowed 2-5/8" × 2-3/8"



C-6410P1 Plowed 1-3/4" 2-5/8" × 2-3/8"



C-6416 Bending Rail 2-5/8" × 2-3/8"

#### **Fillet**



C-6050 1-1/4"



C-6007 1-3/4"

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#### Coffman

#### Georgian Series Lengths Available: 8', 12', and 16'



C-6310 Non-Plowed  $2^{-5/8}$ "  $\times$   $2^{-1/4}$ "



C-6310P1 Plowed 1-3/4" 2-5/8" × 2-1/4"



C-6316 Bending Rail 2-5/8" × 2-1/4"

## Craftsman Series Lengths Available: 16'



C-6700 Non-Plowed 2-1/2" × 1-5/8"



C-6700P Plowed 1-1/4" 2-1/2" × 1-5/8"



C-6700P1 Plowed 1-3/4" 2-1/2" × 1-5/8"



C-6840 Non-Plowed 2-5/8" × 1-5/8"



C-6840P Plowed 1-1/4" 2-5/8" × 1-5/8"

**Chatham Series** Lengths Available: 16'



C-6009 Non-Plowed 2-5/8" × 2-5/16"



C-6009P Plowed 1-1/4" 2-5/8" × 2-5/16"

#### **Shoe Rail**



C-6045 Plowed 1-1/4" 2-1/2" × 3/4"



C-6006 Plowed 1-3/4" 2-5/8" × 2-1/4"

#### **Wall Rail**



C-6040 1-11/16" × 1-1/2"



C-7024 Starting Easing Use with C-6040



C-6042 2-1/4" × 1-9/32"



C-7023 Quarterturn Use with C-6040



C-7025 Starting Easing Use with C-6040



C-7005 Quarterturn Use with C-6042

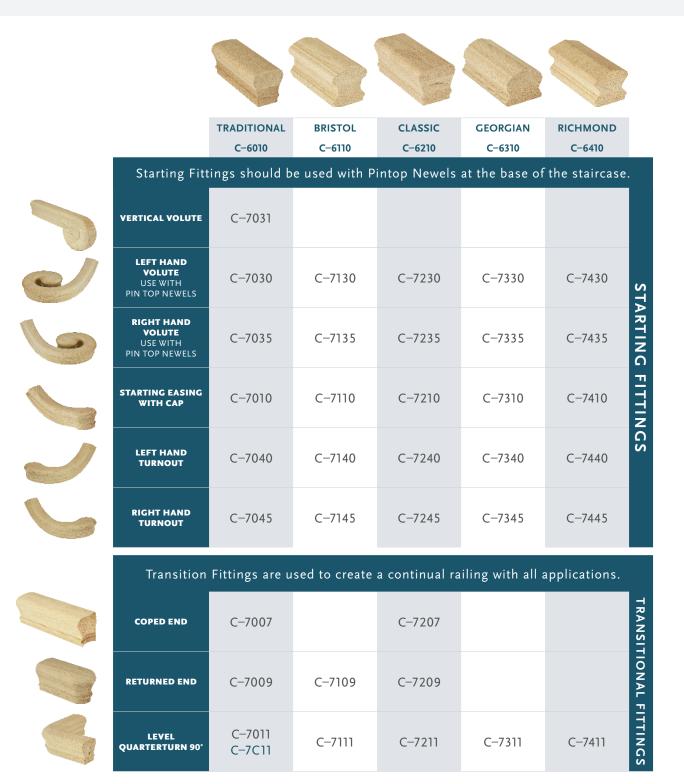


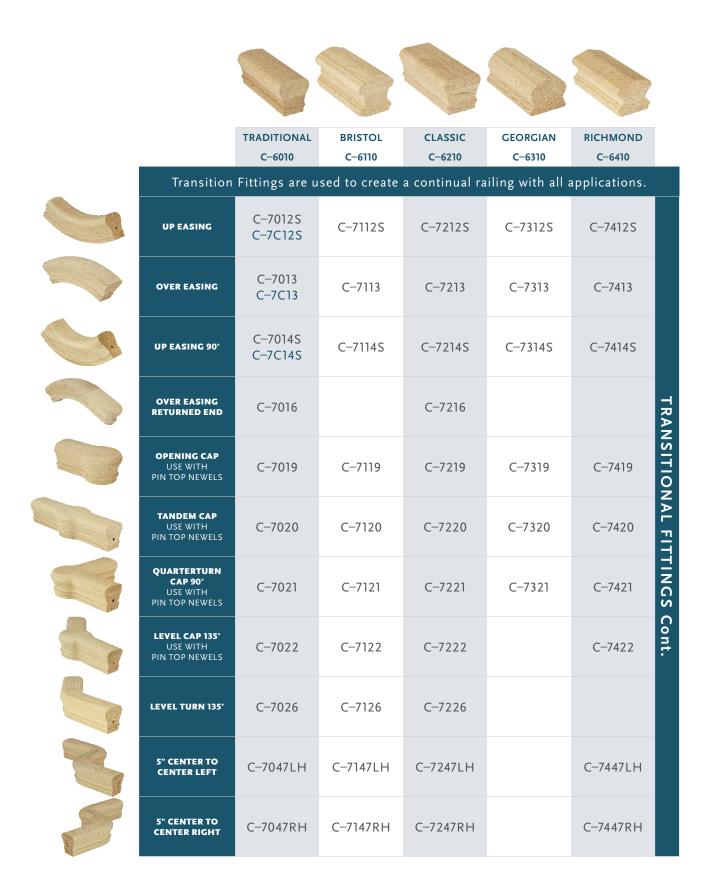


Handrails Handrails

#### **Rail Fittings**

The 2nd digit of the Fitting part number identifies the profile and must match the 2nd digit of the Rail part number. (Example: C-70XX Fittings = C-6010 Rail / C-72XX Fittings = C-6210 Rail.)







Handrails Handrails



	TRADITIONAL	BRISTOL	CLASSIC	GEORGIAN	RICHMOND	
	C-6010	C-6110	C-6210	C-6310	C-6410	
LEFT HAND 2 RISER NO CAP 90°	C-7071			C-7371		
RIGHT HAND 2 RISER NO CAP 90°	C-7076			C-7376		
2 RISER WITH TANDEM CAP USE WITH PIN TOP NEWELS	C-7089			C-7389		GOOSENECK
2 RISER NO CAP	C-7099 C-7C99	C-7199	C-7299	C-7399	C-7499	K FITTINGS
LEFT HAND 2 RISER WITH CAP USE WITH PIN TOP NEWELS	C-7060		C-7260			
RIGHT HAND 2 RISER WITH CAP USE WITH PIN TOP NEWELS	C-7065		C-7265			



		TRADITIONAL	BRISTOL	CLASSIC	GEORGIAN	RICHMOND	
		C-6010	C-6110	C-6210	C-6310	C-6410	
	LEFT HAND 2 RISER WITH CAP 135° USE WITH PIN TOP NEWELS	C-7061		C-7261			
	RIGHT HAND 2 RISER WITH CAP 135° USE WITH PIN TOP NEWELS	C-7066		C-7266			GOOSENE
	LEFT HAND 2 RISER WITH CAP USE WITH PIN TOP NEWELS	C-7081		C-7281			IECK FITTING
<b>&gt;</b>	RIGHT HAND 2 RISER WITH CAP USE WITH PIN TOP NEWELS	C-7086		C-7286			GS cont.
·	2 RISER WITH CAP USE WITH PIN TOP NEWELS	C-7097		C-7297			

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#### **Rosettes**



C-7217 5-3/8" × 5-3/8" × 3/4" Top panel width 4-1/2"



C-7337 4" × 5-1/2" × 3/4" Top panel width 3-1/8"



C-7317 4-5/8" × 4-5/8" × 3/4" Top panel width 3-3/4"



C-7237  $4^{-5/16}$ " ×  $6^{-3/16}$ " × 3/4" Top panel width 3-1/2"

C-7318

#### 4-3/16" × 5-3/8" × 3/4" Top panel width 3-5/16"

#### **Starting Steps**

All Coffman Starting Steps are shipped with the necessary cove and shoe moulding. Single Bullnose Steps are Reversible and can be trimmed to length.



Usable with all Standard Turnouts and Volutes Available in 48", 54", 60", and 72"



C-8015 Usable with all Standard Turnouts and Volutes Available in 48", 54", and 60"

C-8016 Usable with all Standard Turnouts and Volutes as well as adjustable sizes for exact finishing fit. Available in 48" (trim from 43" to 48"), 53" (trim from 48" to 53"), and 58" (trim from 53" to 58")



C-8030 Usable for Post to Post systems and work well with Box Newels. Available in 48" and 60"

#### **Treads & Risers**

Coffman treads are manufactured under highly controlled standards for beauty that will last a lifetime. We only carry solid, American made treads. Coffman Tread & Riser Caps are used with applications where carpeting would be placed along the center. These components allow for the look of quality hardwood on either side.



C-8070 Tread - No Return 1-1/32" × 11-1/2" 1-1/32" × 13"



C-8075 Riser 3/4" × 8"



C-6973 Skirtboard 1" × 8" (Actual 11/16" × 7-1/4") C-6975 Skirtboard 1" × 12" (Actual 11/16" × 11-1/4")



1/4" Thick 1/4" Thick



C-8070 MR **Coped Reversible Return Tread**  $1-\frac{1}{32}$ " ×  $11-\frac{1}{2}$ "



Available in S4S and Nosed 2 Slides

C-8070

**Tread Blanks** 

**Sizes Varies** 

C-8070 Hybrid Reversible (Oak Reveal) Tread 1-1/32" × 11-1/2"



C-8090 3-1/2" Wide C-8390 3/8" × 5-1/4" Wide C-8590 5-1/4" Wide C-8690 6-1/2" Wide



C-8028 Tread Bracket C-8028V Tread Bracket (Veneered)



C-8029 Tread Bracket 1/4" Thick C-8029V Tread Bracket (Veneered) 1/4" Thick



C-8085 **Shoe Mould Lineal Stock**  $\frac{1}{2}$ " ×  $\frac{3}{4}$ "



C-8085 **Shoe Mould Lineal Stock**  $1/2" \times 3/4"$ 



C-8080 Nosing **Lineal Stock**  $1-\frac{1}{4}$ " ×  $1-\frac{1}{32}$ "



C-8081 Nosing and Cove **Lineal Stock**  $1^{-1/4}$ " ×  $1^{-27/32}$ "



C-8080-13 13" Return Nosing 1-1/4" × 1-1/32"



C-8080-13 MR **Coped Return** Nosing 1-1/4" × 1-1/32" × 13-3/4"





Details Details

#### **Tread & Riser Caps**



C-8071 Tread Cap with Mitered Return Nosing and Cove (Left or Right) 5-5/8" × 12"



**Reversible Starting End Cap Includes Cove & Shoe Mouldings** 



C-8072 **Tread Cap with Nosing and Cove** 5-5/8" × 12"





C-8010-2 **Reversible Starting End Cap** (No Notch) **Moulding Not Included** 



C-8079 **Reversible False Tread and Riser** 5-1/4" × 8"



#### **Job-Lot Epoxy Adhesive Systems**







2302 Manual Dispenser 2303 Extra Mixing Nozzles – Packed 10 each **2401** Adhesive Approximately 20 Balusters per Tube 25 Minute Open Working Time



2902 F-101 Injector Tool **2903** Extra Mixing Nozzle – 1 each **2901 F-300** 8.5oz Epoxy Approximately 50–70 Balusters per Tube 25 Minute Open Working Time



**2905** 5oz Adhesive Kit Cartridge and Nozzle to be used in standard caulking gun Approximately 50 Balusters per Tube 6 Minute Open Working Time

#### **Wall Rail Brackets**

Rail brackets are shipped with all installation hardware.



Standard Wall Rail Bracket Wall-to-Center 2-3/4" **C-3631PB – 573002** Polished Brass **C-3631BN** – **573039** Brushed Nickel **C-3631CHR – 573020** Chrome **C-3631FB – 573022** Flat Black C-3631SB - 573023 Satin Black **C-3631ORB – 573105** Oil Rubbed Bronze



**Long Arm Standard Wall Rail Bracket** Wall-to-Center 3-1/2" **C-3632PB – 573038** Polished Brass C-3632BN - 573138 Brushed Nickel **C-3632ORB – 573135** Oil Rubbed Bronze



Premium Handrail Bracket Wall-to-Center 2-3/8" **C-3621PB – 573003** Polished Brass **C-3621AB – 573009** Antique Brass **C-3621BN – 573007** Brushed Nickel **C-3621CHR – 573006** Chrome **C-3621BC – 573010** Brushed Chrome **C-3621B – 573008** Textured Black **C-3621SB – 573021** Satin Black **C-3621ORB – 573015** Oil Rubbed Bronze



**Premium Handrail Bracket** Wall-to-Center 3-3/8" **C-3622PB – 573014** Polished Brass **C-3622BN – 573024** Brushed Nickel C-3622ORB - 573025 Oil Rubbed Bronze



Iron Handrail Bracket Wall-to-Center 3-1/4" **C-3611BLK – 573013** Flat Black C-3611SAT - 573016 Satin black C-3611PC - 573012 Grey/Black **C-3611ABZ – 573011** Antique Bronze **C-3611ORB – 573019** Oil Rubbed Bronze **C-3611ORC – 573018** Oil Rubbed Copper C-3611AN - 573017 Antique Nickel



#### **Hardware and Accessories**



**EZ-Mount** 

C-3501

Plate and 13

Plate 4-5/8" × 4-5/8"

Fasteners

Fasteners 3"

**Newel Plate Fastener** 

for C-4091 Box Newels

Rail & Post Fastener
Includes Fastener, Washer, Nut, & Plugs



C-3302
Rail & Post Fastener
Includes Fastener, Washer, Nut, & Plugs
5/16"



C-3283 Key Lock 2" × 2-5/8" × 3/8"



C-3201 Baluster Fastener Drill Driver Kit 4 Fasteners 1/4"



C-3203 B 100 Pack C-3203 B 100 Pack Post Fastener 2-1/2" × 5/16"



C-3008 Sure Tite Newel Fastening System Lag Bolt, Washer, Nut, and 1-1/2" Plugs



L-Bracket Post Fastener C-3505-30 3" C-3505-35 3-1/2"



C-3001

3-1/2"

**Rail Bolt** 

C-3032 Rail Bolt Driver 5/16"



C-3901

Rail Bolt Wrench

RP-100 Removable Pin Long Block Balusters



C-3009 Newel Anchoring Hardware



C-3010 Flush Rail Plug ½" Diameter



C-3015 Button Plug ½" Diameter



C-3000 Flush Rail Plug 1" Diameter



C-3020 Button Plug 1" Diameter



Post Mounting System C-3520TRIM C-3520-30 3" C-3520-325 3-1/4" C-3520-35 3-1/2"







C-5070 Baluster

C-6045 Shoe Rail

C-6050 Fillet

C-8070 Coped Tread

C-6010 Handrail

C-4011 Newel

C-7010 Starting Easing

C-7099 Gooseneck 2-Riser No Cap

C-7089 Gooseneck 2-Riser With Cap

C-4015 Landing Newel

C-8028 Tread Bracket

C-7030 Left Hand Volute

C-8071 Tread Cap

C-7098 Gooseneck

1-Riser No Cap

C-8029 Tread Bracket C-8590 Landing Tread

C-4042 Newel

C-4040

Starting

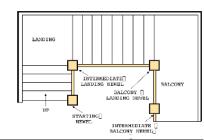
Newel

Check local building codes for required height and baluster spacing.

POST-TO-POST NEWELS

#### **NEWELS**

Newels serve as the main structural support of the balustrade portion of the stair. Proper placement, coupled with proper installation techniques, is critical to a structurally sound and code compliant staircase. Newels should be placed at the top and bottom of every stair, at all directional changes, and at intervals of not more than 8' on level balcony runs.





PTP newels are designed with

upper (top) square blocks that will receive the handrail. Standard block sizes [5", 10" and 13") are provided for use at various locations of the stair.



#### STARTING NEWELS

A 5" top block will always work at the beginning of the stair. Larger top blocks are unnecessary and can appear topheavy.



#### INTERMEDIATE LANDING NEWELS

Intermediate landing newels will have angled rail entering and exiting the upper square block from adjacent sides. Because the newel is basically making up for two rise dimensions in the stair /the last rise before the intermediate landing as well as the first rise of the second *straight run),* a longer square block is necessary to keep consistent rake rail heights from the first run to the second. A newel with a minimum 13" top block will be required.



#### BALCONY LANDING NEWELS

Balcony newels will have angled rail entering from the lower side of the newel with level rail exiting from the top of the upper block. Because 🗅

only one rise dimension is involved, a 10" top block will normally be required.



#### **BALCONY INTERMEDIATE NEWELS**

Balcony intermediate newels will have level rail entering and exiting the upper block of the newel. A 5" top block is recommended.



#### **USE OF FITTINGS** WITH PTP NEWELS

The use of easings and goosenecks in PTP systems make the need for longer square blocks unnecessary. Order a 5" top block newel at all locations.



Coffman

Coffman

C-8076 Riser Cap

C-7098 Gooseneck 1-Riser No Cap

C-4046 Landing Newel

C-7086 Gooseneck Right Hand

C-4015 Landing Newel

C-7065 Gooseneck

C-4015 Landing Newel

Right Hand 2-Riser With Cap

, C-5015-39" (Second Baluster On Tread)

C-5015-36" (First Baluster On Tread)

— C-7045 Right Hand Turnout

- C-4065 Starting Newel

C-8015 Starting Step

C-7020 Tandem Cap

2-Riser With Cap

C-7021 Quarterturn Cap

C-7337 Rosette

All Over-the-Post newels are

diameter pin turned into the

top of the newel that will be

the fittings used in the rail

in both doweled bottom and

square bottom designs.

a 1-1/2" diameter dowel

the newel that is used to

these newels cannot be

adjusted, making correct

achieving desired rake rail

ADJUSTABLE NEWELS

lenath doweled newels is the adjustable newel. These newels have a 1-1/2" diameter by 10" deep hole bored into the bottom of the newel and are shipped with a loose 19" dowel in the carton. These newels

allow the installer to trim the

newel (up to 4") to achieve

exact rake rail heights over

a wide variety

of applications.

specification critical in

height.

designed into the bottom of

system.

installed into the underside of

manufactured with a 3/4"

Check local building codes for required height and baluster spacing.

#### **OVER-THE-POST NEWELS**

Recommended heights for the following newel placements are based on a 34" rake rail height, a 7-1/2" rise, a 10" run, and a 1-1/4" tread overhang and are dependent on the location of the newel matching the standard location listed with the application. Variances of up to 3/4" can be expected in certain conditions and should be accounted for when trying to achieve minimum code heights.

#### OTP STARTING NEWEL HEIGHTS (For 34" Rake Rail Height)

VERTICAL

VOLUTE

Measurement

33-7/8"

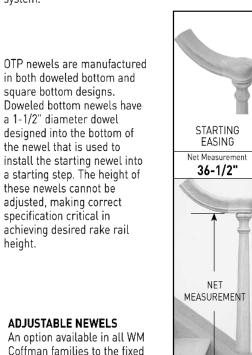
MEASUREMENT

TOP OF TREAD TO

TOP OF NEWEL

NEWEL <- CENTERED

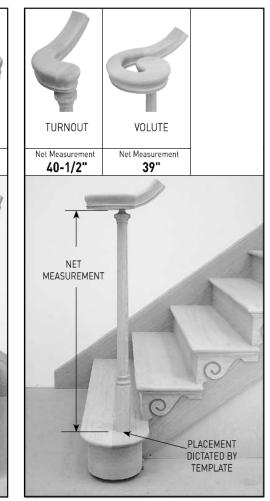
ON RISER



NEWEL

ON RISER

CENTERED >



NOTE: Rake rail height requirements other than 34" can be adjusted on a 1:1 basis. Example: For a 36" rake rail height, add 2" to the base number. For a 30" rake rail height, subtract 4". Check local building codes.

NOTE: 1" movement in the newel from standard placement will change the rail height by approximately 3/4". Moving newel placement away from the second riser raises the rail height and moving it closer to the second riser will lower the rail height.

Check local building codes for required height and baluster spacing.

SQUARE TOP

All balusters fall into one of the following categories:

PIN TOP - Pin top balusters have turned, round tops that will be inserted into holes drilled into unplowed handrail.

**SQUARE TOP -** Square top balusters have a turned portion, leaving a square upper and lower portion. Installation of square top balusters will require a plowed handrail.

FORGED IRON PIN TOP - Forged baluster pin tops are 1/2" diameter.

The stair's rake and balcony rail height, along with code considerations on baluster spacing, will determine the length and quantity of balusters required on any given job. The tables below list the quantity and length of the balusters necessary for each rake application for a 34" rake rail height.

#### **BALUSTER QUANTITY AND LENGTH** (For 34" Rake Rail Height)





Adjustments to rake rail heights from 34" can be accommodated on a 1:1 basis. Examples: For a 36" rail height, simply add 2" to the given length and order the nearest baluster length (rounding up if necessary). For a 30" rake rail height, subtract 4" from the given length and order the nearest baluster length (rounding up if necessary).

NOTE: 44" balusters are available in all square bottom profiles.



All baluster pins are 3/4" long by 3/4" diameter and are turned with chamfered bottoms and a centered glue ring. Exception: 5015H, 5610H pins are 5/8" long by 5/8" diameter.



Top diameter on the pin top balusters will vary according to baluster size.

1-1/4" Baluster - 5/8" diameter 1-5/8" Baluster - 5/8" diameter 1-3/4" Baluster - 3/4" diameter [except C-5611 which is 5/8"] 1-9/16" Baluster - 3/4" diameter Forged - 1/2" diameter

All pin top balusters have a guaranteed 3" minimum top straight portion for trimming and insertion.

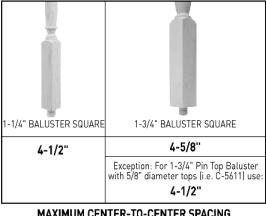


#### **BALCONY BALUSTER LENGTH**

Baluster length requirements for the balcony will match the balcony rail height. If an exact baluster length is not available, simply round up to the next available length. (Example: For a 38' balcony rail height, order a 39" baluster.]



#### **BALCONY BALUSTER QUANTITY**



#### MAXIMUM CENTER-TO-CENTER SPACING (Under 4" Sphere Rule)

Spacing codes vary but generally fall under the 4" sphere rule. The dimensions listed are recommended center-to-center spacing measurements that will safely comply with this code.

To obtain the quantity of balusters for individual balcony runs, divide the length of the balcony run by the corresponding center-to-center spacing and round down.



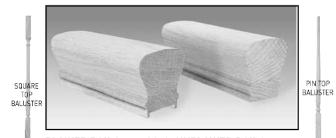


Check local building codes for required height and baluster spacing.

#### RAIL AND LINEAL BALUSTRADE COMPONENTS

Rail and lineal balustrade components, like other lineal products, are offered in even lengths from 4' to 16'. For rake portions of the stair, measure along the slope of the stair or use the lineal formula:

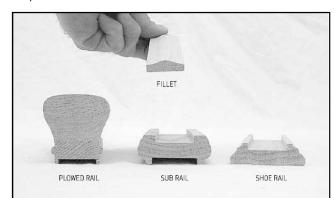
Number of Treads x 13" (rounded up to the nearest even length).

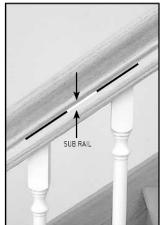


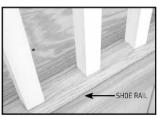
PLOWED RAIL is moulded UNPLOWED RAIL has a with a recessed bottom for insertion of square top balusters.

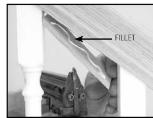
flat bottom that will be drilled for the insertion of pin top blausters.

LINEAL RAIL COMPONENTS consist of sub rail, shoe rail, and fillet. Shoe rail is a plowed moulding designed to accept the bottom of the baluster. Sub rail is used under unplowed handrail with square top balusters in Post-to-Post systems to provide a more substantial look to the balustrade. Fillet is a finished moulding that will be installed between the balusters in plowed rail, shoe rail and sub rail.

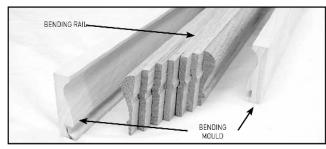








#### BENDING RAIL BALUSTRADE COMPONENTS



The key components of curved rail construction are bending rails and bending moulds. Bending rail is most easily understood when imagining a standard rail profile cut into thin, vertical strips. Bending mould is a form, moulded to the outside profile of the handrail, that is used to cradle the bending rail as it is being shaped to the stair.

Each ply comprising the bending rail is designed and manufactured with a tongue and groove bead to create an alignment of the plys. When assembled, WM Coffman bending rail results in a match of the standard rail profile.

The minimum radius achievable with each rail profile will depend on several factors. These factors include such variables as the thickness of each ply, the overall thickness of the handrail, the height of the handrail, the angle of the stair, and whether the rail is bent on the rake or on the level portion of the stair. The minimum recommended radius for use on both rake and level applications are listed in the chart for each Coffman bending rail profile.

RAKE RAIL	BALCONY RAIL
42"	48"
48"	54"
48"	54"
48"	54"
	42" 48" 48"

Check local building codes for required height and baluster spacing.

#### **FITTINGS**

Fittings, components used within rail systems, can be incorporated into both PTP and OTP stairs. In OTP rail systems, fittings are required to start the rail system, to make directional and height transitions, to carry the rail over intermediate balcony newels, and to terminate the rail when using a half newel. A good check of any Over-the-Post parts list is to make certain that a fitting is ordered for each newel, including half newels, in the stair. NOTE: WM Coffman fittings are shipped with all necessary rail bolts, 1" tapered rail plugs, templates, and full instructions to provide a quick, accurate, and professional installation.





#### FITTING DEFINITIONS

#### FITTING ORIENTATION

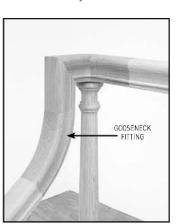
Fitting orientation is determined from the bottom of the stair looking up. All fittings in the photo to the right are right-hand.

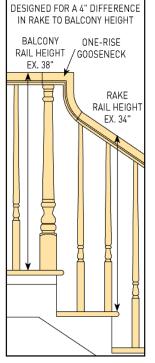


#### **GOOSENECK FITTINGS**

Gooseneck fittings are used to accommodate transitions in height and/or direction at intermediate and balcony landings. NOTE: It is recommended that a

minimum difference of 4" between rake rail height and balcony rail height be kept on all Over-the-Post systems.





ONE-RISE GOOSENECK

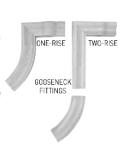
#### CAP VS. NO CAP

All fittings fall into two categories: (1) those designed and manufactured with a cap and (2) those manufactured without a cap. All fittings with caps have a 3/4" diameter hole bored in the under side of the cap to receive the top pin of the Over-the-Post newel. Fittings without caps are designed to carry the baluster line through a transition without the use of a newel. Capped fittings are clearly identified in both the drawings and product descriptions.



#### ONE-RISE VS. TWO-RISE

Most goosenecks are offered in both onerise and two-rise versions. The one-rise gooseneck is manufactured with the lower easing attached and is limited to use on stairs where the difference in rake rail height to balcony rail height is 4" (Example: 34" rake rail height to 38" balcony rail height). The corresponding two-rise gooseneck makes the same height and/or directional change as its one-rise counterpart but is shipped with the lower easing unattached. This versatile two-piece design allows the installer to trim or extend the straight section of the gooseneck to a height that will work in any situation. Two-rise goosenecks work in applications where the difference in rake rail height is less than 4" (Example: 34-1/2" to 38"), greater than 4" (Example: 34" to 42"), or unknown at the time of ordering.





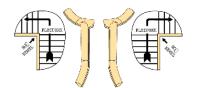


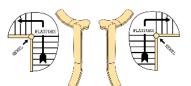


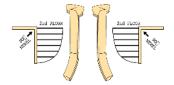
Check local building codes for required height and baluster spacing.

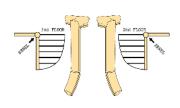
#### SUGGESTED GOOSENECKS FOR SOME COMMON APPLICATIONS

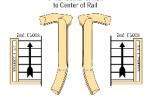
See Page 45 for Guide to ordering Gooseneck Fittings



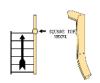








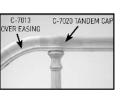




#### **SPECIALTY FITTINGS**

#### OVER EASING

An over easing is designed to carry the rail system from the rake (angled) portion of the stair to the



level, balcony portion without the use of a gooseneck. This elegant, flowing look is achieved by combining the over easing with a transitional fitting such as a tandem cap.



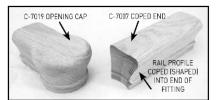
#### 90° UP EASING

90° up easings are used to make a horizontal to vertical 90° transition in a rail system.

#### S-SERIES FITTINGS

WM Coffman's S-Series fittings accommodate the continuous rail codes on partial-open stairs. Specify Right-Hand or Left-Hand (from the bottom of the stair looking up).





#### COPED ENDS

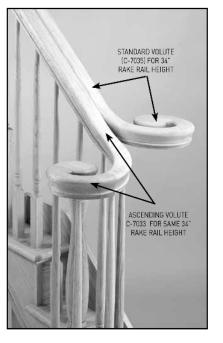
Some WM Coffman families contain a Coped End which is a fitting that has the profile of the rail shaped, or coped, into one end of a straight piece of rail. This fitting is used in conjunction with an opening cap (Example C-7019) or a gooseneck incorporating an opening cap (Example C-7097), to accommodate nonstandard angle changes.



#### **COMBINING FITTINGS**

Standard fittings will sometimes have to be site-assembled to complete a height and/or directional transition. Basically all stair applications can be satisfied using a combination of currently available WM Coffman fittings.

In the example shown of a 180° turn at balcony, you will need a two-rise gooseneck with cap that turns right 90° to sit on top of the newel along with a level quarterturn without a cap to complete the 180° turn.



#### ASCENDING VOLUTES

WM Coffman's ascending volutes (C-7X33, C-7X38) are designed to begin their ascent much sooner than their standard counterparts, allowing for the use of a shorter newel and shorter balusters on top of the bullnose starting step. This lower, more proportional beginning of an Over-the-Post system, coupled with the graceful, flowing transition from the volute to the rail, makes the ascending volute an attractive addition to any stair.

BOX NEWELS									
COLLECTION	SIZE	PAGE#	RED OAK	BEECH	POPLAR	PRIMED	HARD MAPLE	ALDER	WHITE OAK
C-4075	3/12" × 65"	14	~	~	~	~	~		~
C-4077	3-1/2" × 63-1/2"	15	~						
C-4090	6-1/4" × 5-3/4"	16	~						
C-4091	6-1/4" × 55"	14	✓	✓	✓	✓	✓	✓	~
C-4091-F	6-1/4" × 55"	14	~		~	~	✓		
C-4091-FP	6-1/4" × 55"	14	~		~	~	✓		~
C-4091-IP	6-1/4" × 55"	14	<b>~</b>						
C-4091-RP	6-1/4" × 55"	14	✓		✓	✓	✓		~
C-4095	7-1/2" × 56"	15	<b>~</b>			<b>✓</b>	✓		
C-4095-F	7-1/2" × 56"	15	✓						
C-4095-RP	7-1/2" × 56"	16	✓		<b>✓</b>				
C-4291	5" × 55"	14	✓	~	~	~	✓	~	
C-4690	4-1/2" × 64"	16	~		~	~	✓		
C-4691-FP	4-1/2" × 64"	15	✓		✓	✓	✓		
C-4691-RP	4-1/2" × 64"	15	<b>~</b>		<b>✓</b>	<b>✓</b>	✓		
C-4695	4-1/2" × 64"	15	✓		~	~	✓		
C-4695-F	4-1/2" × 64"	15	~						
C-4695-RP	4-1/2" × 64"	15	~						
C-4890	7-1/2" × 56"	16	~		<b>~</b>	~			
C-4891-FP	7-1/2" × 56"	16	~		~	~			
C-4891-RP	7-1/2" × 56"	16	~		~	~			

COLLECTION	SIZE	PAGE#	RED OAK	POPLAR	PRIMED	HARD MAPLE	WHITE OAK
C-4378	3-1/2"	32	~	~	~		
C-4378-S	3-1/2"	32	~	~	~		
C-4378-TC	3-1/2"	32	~	<b>~</b>		<b>~</b>	~
C-4078	4-1/2"	32	~	~	~		
C-4078-S	4-1/2"	32	<b>~</b>	~	<b>~</b>		
C-4078-TC	4-1/2"	32	~	~		~	~
C-4578	5-1/2"	32	<b>~</b>	~	<b>~</b>		
C-4578-S	5-1/2"	32	~	~	~		
C-4578-TC	5-1/2"	32	<b>~</b>	~		<b>~</b>	<b>~</b>
NC-101	2360	55					
R-08F	2370	55					
R-09P	2371	55					

OVER THE POST NEWELS											
WOOD COLLECTION	SIZE	PAGE #	RED OAK	BEECH	POPLAR	HARD MAPLE	WHITE OAK				
C-4010	3" × 41"	20	<b>~</b>								
C-4011	3" × 48"	20	~		✓	✓					
C-4014	3" × 44-1/2"	20	~				~				
C-4015	3" × 60"	20	✓	✓	~	✓					
C-4019	3" × 48"	20	~								
C-4030	3" × 48"	20	~								
C-4035	3" × 60"	20	~								
C-4065	2-3/4" × 44"	20	~								
C-4111	3-1/4" × 48"	24	~								
C-4115	3-1/4" × 60"	24	~								
C-4210	3-1/2 × 41"	22	~								
C-4215	3-1/2" × 60"	22	~			✓					
C-4270	3-1/2" × 41"	25	~			✓					
C-4272	3-1/2" × 41"	26	~			✓					
C-4275	3-1/2" × 60"	25	~								
C-4277	3-1/2" × 60"	26	~								
C-4410	3-1/4" × 42"	27	~								
C-4415	3-1/4" × 48"	27	~								
C-4419	3-1/4" × 48"	27	<b>~</b>			~					
C-4662	3-3/8" × 44"	22	~								
C-4810	3-1/2" × 48"	23	<b>~</b>								
C-4815	3-1/2" × 72"	23	~								
C-4862	3-1/4" × 45-1/2"	23	~								





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SQUARE TOP B	ALUSTERS					
COLLECTION	SIZE	PAGE#	RED OAK	POPLAR	PRIMED	HARD MAPLE
C-5005	1-3/4"	22	~	~	~	
C-5060	1-1/4"	27	~	~	~	~
C-5067	1-1/4"	21	~		~	
C-5070	1-1/4"	21	~		~	
C-5141	1-3/4"	24	~		~	
C-5201	1-3/4"	25			~	
C-5241	1-3/4"	26	~		~	
C-5260	1-1/2"	27			~	
C-5360	1-3/4"	27	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>
C-5601	1-3/4"	22	<b>~</b>		<b>~</b>	

WOOD COLLECTION	SIZE	PAGE#	RED OAK	BEECH	POPLAR	HARD MAPLE	WHITE OAK
C-4001	3-1/2" × 47-1/2"	22	~			~	
C-4002	3-1/2" × 56"	22	~			~	
C-4003	3-1/2" × 59-1/2"	22	<b>~</b>			<b>~</b>	
C-4004	3-1/2" × 47-1/2"	23	~		~		
C-4005	3-1/2" × 56"	23	<b>~</b>	~	<b>~</b>	~	
C-4006	3-1/2" × 72	23	~				
C-4007	3-1/2" × 47-1/2"	22	<b>~</b>				
C-4008	3-1/2" × 56	22	~		~		
C-4009	3-1/2" × 56	22	<b>~</b>				
C-4040	3" × 47-1/2"	21	~	~	~	~	~
C-4042	3" × 53-1/2"	21	<b>~</b>	<b>~</b>	~	<b>~</b>	~
C-4045	3" × 59-1/2"	21	~	~	~	~	~
C-4046	3" × 60"	21	<b>*</b>		<b>~</b>		
C-4046S	3" × 59-1/2"	21	~				
C-4055	3" × 68	21	<b>~</b>				~
C-4070	3" × 47"	23	~				
C-4074	3" × 56"	27	<b>~</b>			~	
C-4074EE	3" × 56"	27	~				
C-4076	3-1/2" × 56"	27	<b>~</b>			~	
C-4076EE	3-1/2" × 56"	27	~				
C-4172	3-1/4" × 54"	24	<b>~</b>				
C-4175	3-1/4" × 54"	24	~				
C-4176	3-1/4" × 54"	24	<b>*</b>			~	
C-4179	6" × 60"	24	~				
C-4240	3-1/2" × 47-1/2"	22	<b>~</b>				
C-4242	3-1/2" × 56"	22	~				
C-4245	3-1/2" × 59-1/2"	22	<b>*</b>				
C-4280	3-1/2" × 48"	25	~				
C-4280L	3-1/2" × 56"	25	~				
C-4282	3-1/2" × 48"	26	~				
C-4282L	3-1/2" × 56"	26	~				
C-4285	3-1/2" × 60"	25	~				
C-4287	3-1/2" × 60"	26	~				
C-4440	3-1/4" × 48"	27	~			~	
C-4442	3-1/4" × 54"	27	<b>*</b>			~	
C-4445	3-1/4" × 54"	27	~			~	
C-4446	3-1/4" × 54"	27	~			~	
C-4540	3"×48"	21	~			•	
C-4542	3" × 54"	21	<b>~</b>				
C-4545	3" × 54"	21	<b>*</b>				
C-4546	3" × 54"	21	<b>~</b>				
C-4547	3" × 60"	21	<b>*</b>				
C-4550BT	3" × 48"	21	<b>~</b>				
C-4555BT	3" × 54"	21					
C-4556BT	3" × 54"	21	<b>4</b>				
	J A J4	41	✓				
C-4840	3-1/2" × 56"	23	~				

PIN TOP BALUSTERS											
COLLECTION	SIZE	PAGE#	RED OAK	POPLAR	PRIMED	HARD MAPLE					
C-5015	1-1/4"	20	~	~	~	<b>~</b>					
C-5040	1-1/8"	20			<b>✓</b>						
C-5151	1-3/4"	24	✓		<b>~</b>						
C-5211	1-3/4"	25			<b>✓</b>						
C-5251	1-3/4"	26	~		~						
C-5611	1-3/4"	22	✓		~						
C-5845	1-9/16"	23			~						

HEMLOCK									
COLLECTION	SIZE	PAGE#	HEMLOCK						
C-5060	1-1/4"	27	<b>~</b>						
C-4076	3-1/4"	27	~						
C-4076EE	3-1/4"	27	~						
C-6045	2-1/2" × 1-1/16" (1-1/4" PLOW)	63	~						

IRON BALUSTER	RS/NEWELS	<u> </u>	A	.BZ	В	LK	0	RB	О	RC	PC	S	AT
COLLECTION	SKU	PAGE#	LITE	SOLID	LITE	SOLID	LITE	SOLID	LITE	SOLID	LITE	LITE	SOLID
NEWL-BASK48	2450	9											~
NEWL-TW48	2452	9											~
REN-PANEL	2490	9	~		~		~		~			~	
M-399	2491	9											~
M-555	2492	9											~
1TW44	2550	34	~	~	~	~	~	~	~	~	~	~	~
2TW44	2551	34	~	~	~	~	~	~	~	<b>~</b>	~	~	~
1BASK44	2552	34	~	~	~	~	~	~	~	~	~	~	~
2BASK44	2553	34	~	~	~	~	~	~	~	~	~	~	~
1TW22	2554	34	~		~		~		~			~	
PLA44	2555	35	~	~	~	~	~	~	~	~	~	~	~
1KNUC44	2556	35	~	~	~	~	~	~	~	~	~	~	~
2KNUC44	2557	35	~	~	~	~	~	~	~	~	~	~	~
2KNUC1BASK44	2558	35	~		~		~		~			~	
1RIB44	2560	36	~	~	~	~	~	~	~	~		~	~
2RIB44	2561	7	~	~	~	~	~	~	~	~		~	~
M14044	2570	8	~	~	~	~	~	~	~	~		~	~
M15044	2571	8	~	~	~	~	~	~	~	~		~	~
M16044	2572	46	~	~	~	~	~	~	~	~		~	~
M14344	2575	46	~	~	~	~	~	~	~	~		~	~
M301	2580	7	~		~	~	~		~		~	~	
M601	2581	7	~	~	~	~	~	~	~	~		~	~
M325	2582	7	~		~		~		~			~	
M326	2583	7			~		~					~	
M501	2585	7	~		~		~		~			~	
M65144	2595	8			~		~		~			~	
M65244	2596	8			~		~		~			~	
M65344	2597	8			~		~		~			~	
M65044	2598	8			~		~		~			~	
KW-1TW44	2650	37					~					~	
KW-2TW44	2651	37					~					~	
KW-1BASK44	2652	37					~					~	
KW-2BASK44	2653	37					~					~	
KW-M501	2685	37					~					~	
M13344	2760	42						~					~
M13444	2761	42						~					~
M13144	2766	42						~					~
M13244	2767	42						~					~
R60144	2770	44						~					~
R60244	2771	44						~					~
R61144	2772	44						~					~
R61244	2773	44						~					~
R60044	2775	44						~					~
M303	2797	8											~





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IRON BALUSTEI	RS/NEWELS	5	A	BZ	В	LK	0	RB	0	RC	PC	s	AT
COLLECTION	SKU	PAGE#	LITE	SOLID	LITE	SOLID	LITE	SOLID	LITE	SOLID	LITE	LITE	SOLID
MEGA-1TW	2850	8	~		~		~		~			~	
MEGA-2TW	2851	8	~		~		~		~			~	
MEGA-1BASK	2852	8	~		~		~		~			~	
MEGA-2BASK	2853	8	~		~		~		~			~	
MEGA-PLA	2855	8	~		~		~		~			~	
MEGA-1KNUCK	2856	8	~		~		~		~			~	
MEGA-2KNUCK	2857	8	~		~		~		~			~	
MEGA-M601	2881	8	~		~		~		~			~	
M40144	2930	40			~	~							
M40244	2931	40			~	~							
M41144	2933	40			~	~							
NEWL-14048	2940	50											~
M8044	2962	7	~		~		~		~			~	~
M8544	2963	7	~		~		~		~			~	~
WAVE44	2968	7	~		~		~		~			~	
R54344	2970	8			~	~							
R54044	2971	8			~	~							
R55044	2972	8			~	~							
M331	2982	39										~	~
PLA40-BLY	2986	41										~	~
1TW40-BLY	2987	41										~	~
1BASK40-BLY	2988	41										~	~
M30544	2990	43	~	<b>~</b>	~	~	~	~	~	~		~	~
M30844	2991	43	~	~	~	~	~	~	~	~		~	~
M9044	2995	42	~	<b>~</b>	~	~	~	~	~	~		~	~
M10044	2996	43				~	~	~	~	~		~	~
M11044	2997	43		~		~	~	~	~	~		~	~

IRON SHOES			А	BZ	В	LK	0	RB	0	RC	F	·c	s	AT
COLLECTION	sku	PAGE#	LITE	SOLID										
RM-301	2330	55	~		~		~	~	~				~	~
RM-201	2331	55											~	
FSH-01	2340	54	~	~	~	~	~	~	~	~	~	~	~	~
H-03	2341	54	~	~	~	~	~	~	~	~			~	~
M-06	2342	54	~	~	~	~	~	~	~	~	~	~	~	~
AK-01	2345	54	~	~	~	~	~	~	~	~	~	~	~	~
PSH-02	2350	54	~	~	~	~	~	~	~	~	~	~	~	~
H-05P	2351	54	~	~	~	~	~	~	~	~			~	~
RAK-01	2352	55											~	
NC-101	2360	55												~
R-08F	2370	55						~						~
R-09P	2371	55						~						~
R-10	2375	55	~		~		~		~				~	
MEGA-PSH-08	2390	54	~	~	~	~	~	~	~	~			~	~
MEGA-FSH-08	2391	54	~		~		~		~				~	
MEGA-M-08	2392	54	~	~	~	~	~	~	~	~			~	~
SCR-01	2910	54	~	~	~	~	~	~	~	~			~	~
M-020	2911	54		~									~	
M-022	2912	54			~									
H-06	2915	54	~	~	~	~	~	~	~	~			~	~
R-07F	2916	55			~	~		~						
R-06P	2917	55			~									
RAK-03	2918	9			~									
RD-201	2919	9		~		~	~	~		~			~	~
SQ-301	2929	9					~	~					~	~

HANDRAIL BRACKE	TS
IRON COLLECTION	PAGE#
C-3611	71
C-3621	71
C-3631	71
C3622	71
C-3632	71

BENDING RAIL					
COLLECTION	SIZE	PAGE#	RED OAK	HARD MAPLE	WHITE OAK
C-6016	7-PIECE	62	~	<b>~</b>	~
C-6216	8-PIECE	62	✓	✓	
C-6116	9-PIECE	62	<b>~</b>		
C-6416	9-PIECE	62	✓		

FILLET						
COLLECTION	SIZE	PAGE#	RED OAK	BEECH	POPLAR	HARD MAPLE
C-6050	1-1/4"	62	~	<b>~</b>	~	~
C-6007	1-3/4"	62	✓			~

MODERN							
COLLECTION	SIZE	PAGE#	RED OAK	BEECH	POPLAR	HARD MAPLE	WHITE OAK
C-4074	3" × 56"	27	~			<b>~</b>	
C-4076	3-1/2" × 56"	27	~			✓	
C-4071	3" × 48"	27					
M432	1/2" × 44"	53					
M-435	1/2" × 44"	53					
M-438	1/2" × 44"	53					
M-439	1/2" × 44"	53					
SS-TUBE	304-5/8" × 96"	59					
C-6700	2-1/2" × 1-5/8"	59					
C-6840							

HANDRAIL							
COLLECTION	SIZE	PAGE #	RED OAK	BEECH	POPLAR	HARD MAPLE	WHITE OAK
C-6010	2-1/4" × 2-3/8"	62	~		<b>~</b>	~	
C-6010P	2-1/4" × 2-3/8" (1-1/4" PLOW)	62	~		~		
C-6210	2-5/8" × 2-3/8"	62	~		~		
C-6210P1	2-5/8" × 2-3/8" (1-3/4" PLOW)	62	✓				
C-6410P1	2-5/8" × 2-3/8" (1-3/4" PLOW)	62	~				
C-6700P		63	✓				
C-6700P1		63	~				

TREAD ACCESSO	ORIES					
ACCESSORIES	PAGE#	RED OAK	BEECH	POPLAR	HARD MAPLE	WHITE OAK
C-6973	69	~	~			<b>~</b>
C-6975	69	~	~			
C-8028	69	<b>~</b>		<b>~</b>		~
C-8028V	69	~				
C-8029	69	✓				<b>~</b>
C-8029V	69	~				
C-8080	69	✓				
C-8080-13	69	~				
C-8081	69	✓			<b>~</b>	
C-8085	69	~				~

ACCESSORIES	PAGE#	ACCESS.	RED OAK	BEECH	POPLAR	HARD MAPLE	WHITE OAK
C-3000	73		~	~	~	~	~
C-3010	73		~	•	·	¥	Ť
C-3015	73		~				
C-3020	73		~				
C-3505	72		~		~		
C-3520	72		~		~	~	
C-3001	73	~					
C-3008	72	~					
C-3501	72	~					
C-3009	73	~					
C-3032	73	<b>~</b>					
C-3201	72	✓					
C-3203	72	<b>~</b>					
C-3283	72	✓					
C-3301	72	<b>~</b>					
C-3302	72	✓					
C-3901	73	<b>~</b>					
RP-100	73	✓					

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CEDIEC	COLLECTION	DART	DACE #	DED OH	BEECH	DOD! 4.D	HARRAME	WILLITE
SERIES	COLLECTION	PART	PAGE #	RED OAK	BEECH	POPLAR	HARD MAPLE	WHITE OAK
TRADITIONAL	C-7005	QUARTERTURN FOR C-6042	63	✓				
	C-7007	COPPED END	64	~				
	C-7009	RETURNED END	64	<b>~</b>	<b>~</b>	~	<b>~</b>	
	C-7010	STARTING EASING W/ CAP	64	<b>~</b>	<b>~</b>	<b>~</b>	<b>~</b>	
	C-7011 C-7012S	LEVEL QUARTERTURN 90° UP EASING	64 65	<b>~</b>	~	~	<b>~</b>	<b>~</b>
	C-70123	OVER EASING	65	<b>~</b>	<b>~</b>	<b>Y</b>	<b>~</b>	~
	C-7013	UP EASING 90°	65	<b>Y</b>	<b>*</b>	<b>*</b>	<b>*</b>	
	C-70143	OVER EASING W/ RETURNED END		~	•	•	•	
	C-7019	OPENING CAP	65	~	~	<b>~</b>	~	
	C-7020	TANDEM CAP	65	~	~	· ·	~	~
	C-7021	QUARTERTURN NEWEL CAP	65	~	~	~	~	~
	C-7022	LEVEL NEWEL CAP 45°	65	<b>~</b>	<b>*</b>	~	·	
	C-7023	QUARTERTURN FOR C-6040	63	~	•	~		
	C-7024	STARTING EASING FOR C-6040	63	<b>~</b>		<b>~</b>		
	C-7025	OVER EASING FOR C-6040	63	~		~		
	C-7026	LEVEL TURN 45°	65	<b>~</b>	~			
	C-7030	LH VOLUTE	64	~	~	~	~	~
	C-7035	RH VOLUTE	64	~	~	~	<b>~</b>	<b>~</b>
	C-7031	VERTICAL VOLUTE	64	~				
	C-7040	LH TURNOUT 4-7/8" C/C	64	<b>~</b>	~	~	~	
	C-7045	RH TURNOUT 4-7/8" C/C	64	~	~	~	~	
	C-7047LH	LH "S" TURN	65	✓	~	~	~	~
	C-7047RH	RH "S" TURN	65	~	~	~	~	~
	C-7071	LH 2-RISER NO CAP	66	~				
	C-7076	RH 2-RISER NO CAP	66	~				
	C-7089	2-RISER W/ TANDEM CAP	66	✓				
	C-7099	2-RISER NO CAP	66	~	✓	~	~	~
BRISTOL	C-7109	RETURNED END	64	✓			✓	
	C-7110	STARTING EASING W/ CAP	64	~			~	
C-7	C-7111	LEVEL QUARTERTURN 90°	64	<b>~</b>			~	
	C-7112S	UP EASING	65	~			~	
	C-7113	OVER EASING	65	✓			✓	
	C-7114S	UP EASING 90°	65	~			~	
	C-7119	OPENING CAP	65	<b>~</b>			✓	
	C-7120	TANDEM CAP	65	<b>~</b>			<b>~</b>	
	C-7121	QUARTERTURN NEWEL CAP	65	<b>~</b>			✓	
	C-7122 C-7126	LEVEL NEWEL CAP 45°	65 65	<b>~</b>				
	C-7126 C-7130	LEVEL TURN 45°  LH VOLUTE	64	<b>~</b>				
	C-7130	RH VOLUTE	64	<b>~</b>			<b>~</b>	
	C-7133 C-7140	LH TURNOUT 4-7/8" C/C	64	<b>Y</b>			~	
	C-7145	RH TURNOUT 4-7/8" C/C	64	~			~	
	C-7147LH	LH "S" TURN	64	~			•	
	C-7147RH	RH "S" TURN	65	~				
	C-7199	2-RISER NO CAP	66	~			~	
CLASSIC	C-7207	COPED END	64	~				
	C-7209	RETURNED END	64	~			~	
	C-7210	STARTING EASING W/ CAP	64	<b>~</b>		~	·	
	C-7211	LEVEL QUARTERTURN 90°	64	~		~	~	
	C-7212S	UP EASING	65	<b>~</b>		~	<b>~</b>	
	C-7213	OVER EASING	65	~			~	
	C-7214S	UP EASING 90°	65	<b>~</b>			~	
	C-7216	OVER EASING W/ RETURNED END	65	~				
	C-7219	OPENING CAP	65	<b>~</b>		~	~	
	C-7220	TANDEM CAP	65	~			~	
	C-7221	QUARTERTURN NEWEL CAP	65	<b>~</b>			<b>~</b>	
	C-7222	LEVEL NEWEL CAP 45°	65	~				
	C-7226	LEVEL TURN 45°	65	<b>~</b>				
	C-7230	LH VOLUTE	64	~			~	
	C-7235	RH VOLUTE	64	<b>~</b>			<b>~</b>	
	C-7240	LH TURNOUT 4-7/8" C/C	64	~				
	C-7245	RH TURNOUT 4-7/8" C/C	64	<b>~</b>				
	C-7247LH	LH "S" TURN	65	~			~	
	C-7247RH	RH "S" TURN	65	~				
	C-7299	2-RISER NO CAP	66	~		~	~	

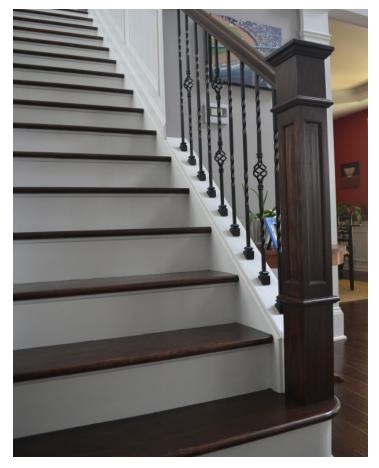
SERIES	COLLECTION	PART	PAGE #	RED OAK	BEECH	POPLAR	HARD MAPLE	WHITE OAK
GEORGIAN	C-7310	STARTING EASING W/ CAP	64	~				
	C-7311	LEVEL QUARTERTURN 90°	64	~				
	C-7312S	UP EASING	65	~				
	C-7313	OVER EASING	65	✓				
	C-7314S	UP EASING 90°	65	✓				
	C-7319	OPENING CAP	65	✓				
	C-7320	TANDEM CAP	65	✓				
	C-7321	QUARTERTURN NEWEL CAP	65	~				
	C-7330	LH VOLUTE	64	✓				
	C-7335	RH VOLUTE	64	✓				
	C-7340	LH TURNOUT 4-7/8" C/C	64	✓				
	C-7345	RH TURNOUT 4-7/8" C/C	64	✓				
	C-7371	LH 2-RISER NO CAP	66	✓				
	C-7376	RH 2-RISER NO CAP	66	✓				
	C-7389	2-RISER W/ TANDEM CAP	66	✓				
	C-7399	2-RISER NO CAP	66	✓				
RICHMOND	C-7410	STARTING EASING W/ CAP	64	✓				
	C-7411	LEVEL QUARTERTURN 90°	64	✓				
	C-7412S	UP EASING	65	✓				
	C-7413	OVER EASING	65	✓				
	C-7414S	UP EASING 90°	65	✓				
	C-7419	OPENING CAP	65	✓				
	C-7420	TANDEM CAP	65	✓				
	C-7421	QUARTERTURN NEWEL CAP	65	✓				
	C-7422	LEVEL NEWEL CAP 45°	65	✓				
	C-7430	LH VOLUTE	64	✓				
	C-7435	RH VOLUTE	64	✓				
	C-7440	LH TURNOUT 4-7/8" C/C	64	~				
	C-7445	RH TURNOUT 4-7/8" C/C	64	<b>~</b>				
	C-7447LH	LH "S" TURN	65	✓				
	C-7447RH	RH "S" TURN	65	✓				

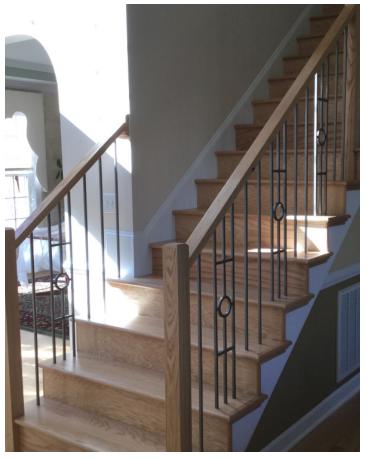
ROSETTES										
COLLECTION	SIZE	PAGE#	RED OAK	BEECH	POPLAR	HARD MAPLE	WHITE OAK			
C-7217	5-3/8"	68	<b>~</b>							
C-7237	4-3/16" × 6-3/16"	68	✓	✓	✓	✓	✓			
C-7317	4-5/8"	68	<b>~</b>	~	<b>~</b>	~	<b>~</b>			
C-7318	4-3/16" × 5-3/8"	68	✓							
C-7337	4" × 5-1/2"	68	~	~	~	~	~			

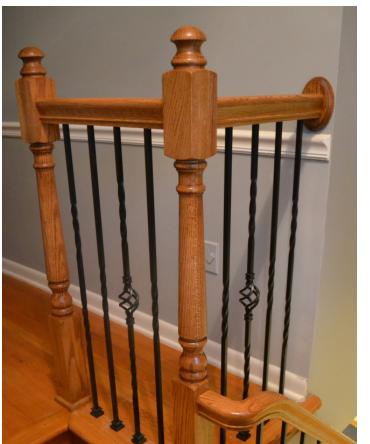
SHOE RAIL/WALL RAIL						
COLLECTION	SIZE	PAGE#	RED OAK	BEECH	POPLAR	HARD MAPLE
C-6045	2-1/2" × 3/4" (1-1/4" PLOW)	63	<b>~</b>		<b>~</b>	<b>~</b>
C-6006	3-1/8" × 1" (1-3/4" PLOW)	63	✓		✓	
C-6040	1-11/16" × 1-1/2"	63	<b>~</b>	<b>~</b>	~	
C-6042	2-1/4" × 1-9/32"	63	~		~	

STARTING STEPS						
COLLECTION	SIZE	PAGE#	RED OAK	HARD MAPLE	WHITE OAK	
C-8010	AVAIL 48", 54", 60", & 72"	68	~	<b>~</b>	~	
C-8015	AVAIL 48", 54", 60"	68	<b>~</b>	✓	✓	
C-8016	AVAIL 48", 53", & 58"	68	<b>~</b>			
C-8030	AVAIL 48" & 60"	68	<b>~</b>			
C-8010-2	REV STARTING TREAD (NO NOTCH)	70	<b>~</b>			
C-8011	REV STARTING TREAD (NOTCH)	70	_			

TREADS/RISERS/TREAD ACCESSORIES						
COLLECTION	SIZE	PAGE #	RED OAK	HARD MAPLE	WHITE OAK	PRIMED
C-8070	MULTIPLE VARIATIONS	69	~	<b>~</b>	~	
C-8075	8" 36", 42", 48", 54", 60", 72"	69	~		✓	~
C-8072	5-1/4" 12"	70	<b>~</b>	✓	~	
C-8076	5-1/4" 8"	70	✓	<b>~</b>	~	
C-8079	REV FALSE TREAD/RISER	70	~			



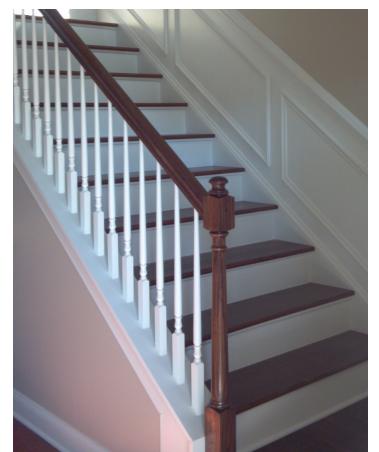
















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