



We've got you covered every step of the way



Buyer's Guide

[www.wm-coffman.com](http://www.wm-coffman.com)

Premium Stair Parts Collection

# Policies, Terms and Conditions of Sale

The following apply to all WM Coffman customers:

## TO ORDER

Provided you meet the qualifying criteria, a sales representative will guide you through the set up process. You will be granted a multiplier code to enter on our electronic price list. When you're ready to order, simply email, fax or call our customer service department during the business hours stated on the back cover.

## PRICING

Prices are derived via a multiplier system (set up at the time of becoming a customer) and may be reviewed or adjusted to accommodate for market volatility. Prices shown on invoices are final and must be paid accordingly.

## TERMS

Subject to credit approval, payment terms are Net 30 after the date of the invoice.

## SHIPMENT

Orders will be processed for shipment from one of our two Distribution Centers (Austell, GA and Plano, TX). Shipping charges are pre-paid and added to invoices unless other arrangements have been pre-approved. Freight quotes are estimates and subject to change based on actual weight at time of shipment.

## WARRANTY

For a limited period of one year from date of shipment (12 months), WM Coffman products are warranted to be free from manufacturing defects in material and workmanship (please refer to WM Coffman Product Specifications for a list of natural variances acceptable within our family of products). If found to be defective by us, such products will be exchanged or credited at the customer's option. Do not return merchandise without prior approval. WM Coffman Resources, their employees, servants or agents shall not be responsible for the improper use of our products. Labor charges and/or damage incurred during installation, repair or replacement as well as incidental and consequential damages are excluded. No other warranties or responsibilities for safety or performance are either expressed or implied. A complete Limited One Year Warranty

statement is available to you and your customers in compliance with the Magnuson-Moss Warranty Act of 1975. All stair parts are for interior use and installation only- unless otherwise stated in the product description.

## RETURNS AND CANCELLATIONS

Prior approval must be obtained before returning any merchandise. All returns are limited to merchandise purchased during the past 90 days and must be in the original box and be in good, saleable condition. Merchandise approved for return is subject to a 25% Restocking Fee. Stock returns will additionally require a re-purchase of equal value at the time of the return. Merchandise must be returned freight prepaid. Items which have been installed, painted, or modified for any reason may not be returned. In order to insure proper credit and acceptance of returns, a WM Coffman Return Goods Authorization number should be indicated on returns. RGA is valid for 30 days. After an order has been staged for shipping no changes or modifications are allowed unless approved by customer service.

## SPECIAL ORDERS

Orders for Special or Custom Parts are not subject to return or cancellation. A 50% deposit may be required on any custom order.



## PAYMENTS

Remittances are payable in U.S. Currency to:  
WM Coffman Resources, LLC  
PO Box 677351  
Dallas, TX 75267-7351

## CLAIMS

Claims for shortages or manufacturing defects must be made to WM Coffman within 10 calendar days of the receipt of order. Please verify counts or identify damages before signing a Bill of Lading receipt. WM Coffman is not responsible for shortages unless noted on the delivery receipt/ Bill of Lading.

## Iron Finishes



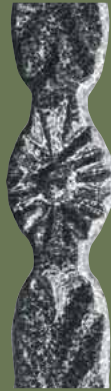
**ABZ**  
Antique Bronze



**AN**  
Antique Nickel



**BLK**  
Flat Black



**PC**  
Gray / Black



**ORB**  
Oil Rubbed  
Bronze



**ORC**  
Oil Rubbed  
Copper



**SAT**  
Satin Black

**S** **SOLID:** A traditional FORGED construction

**L** **LITE IRON:** HOLLOW CORE design reduces weight while maintaining strength.

**P** Matte Phosphate availability

## Wood Species



Alder



Beech



Cherry



Maple



Oak

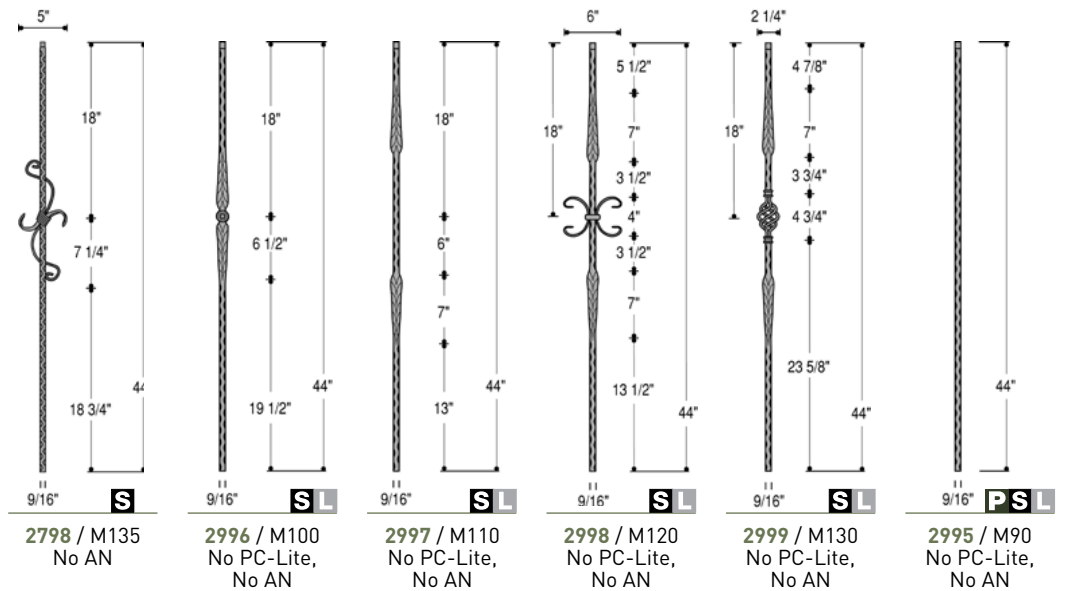
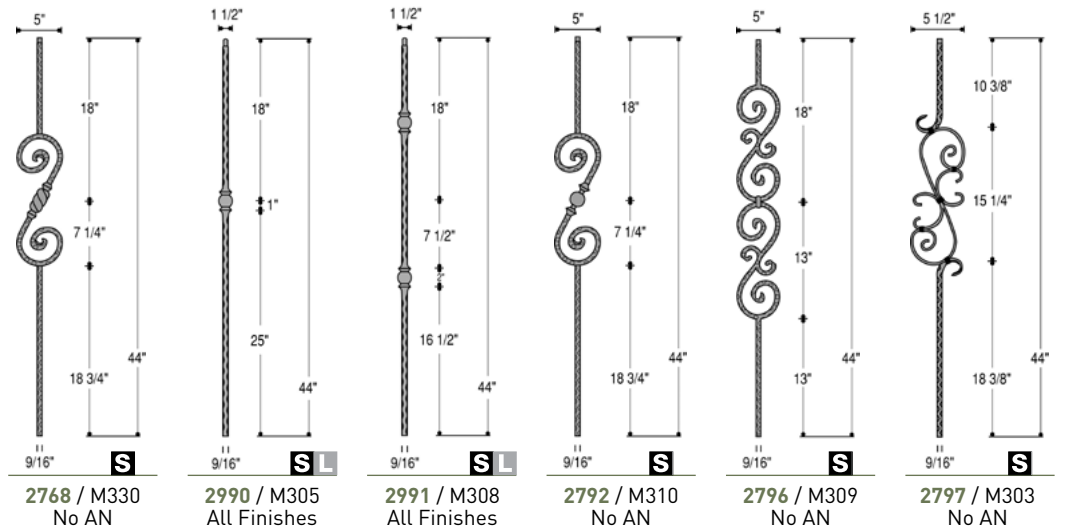
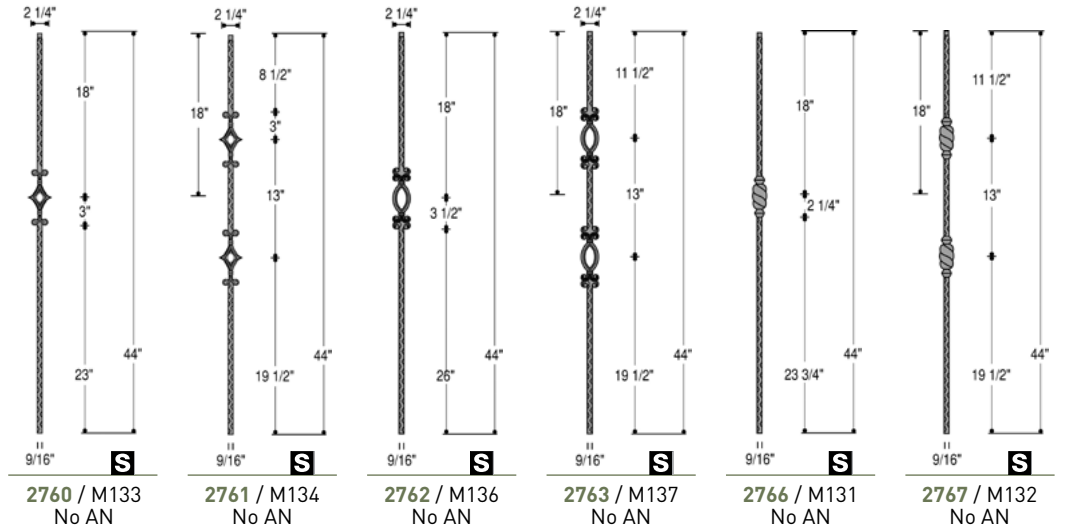


Poplar

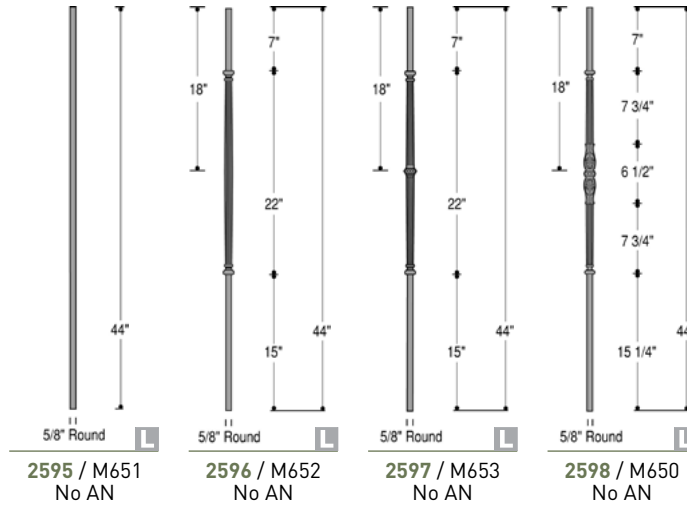
Selected Primed Newels and Balusters available.



## Mediterranean



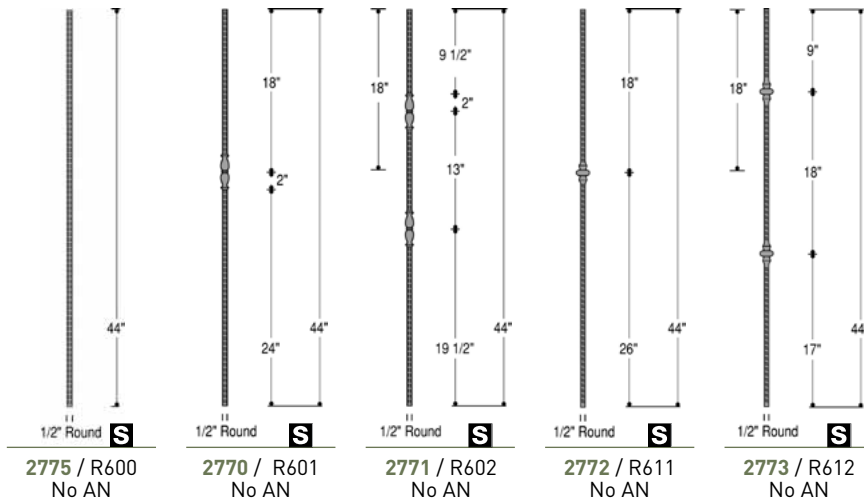
## Venetian 5/8" Round



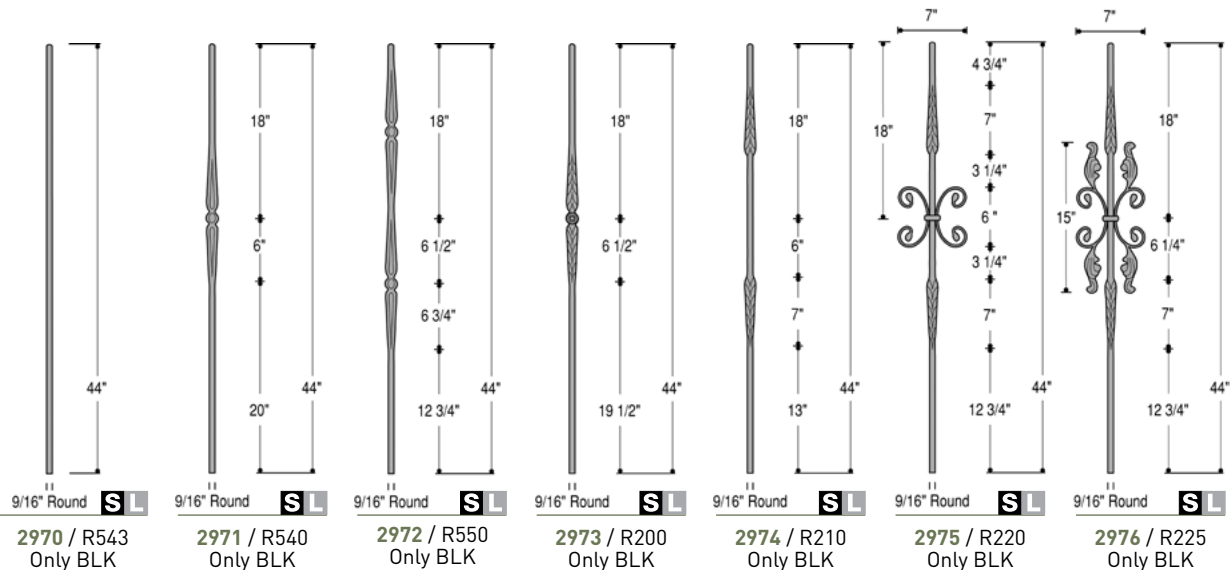
Shown: Detail 2598 Baluster

IRON

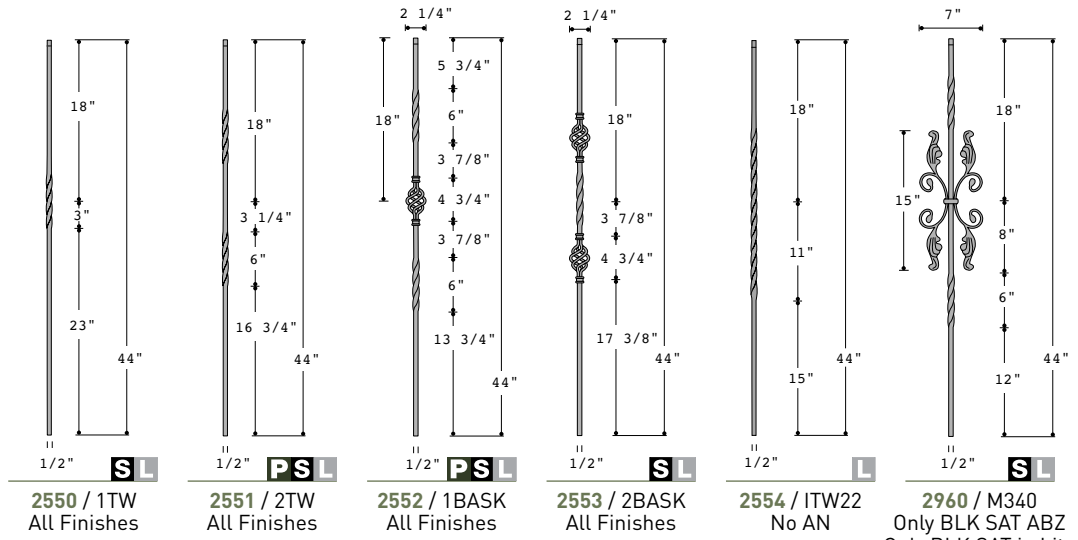
## Round 1/2"



## Round 9/16"

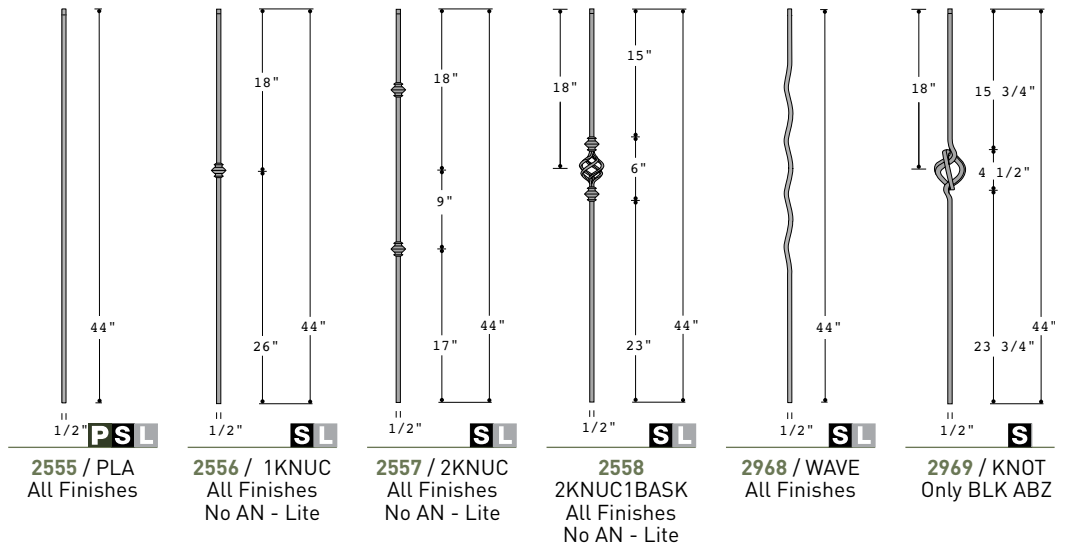


## Twist & Basket

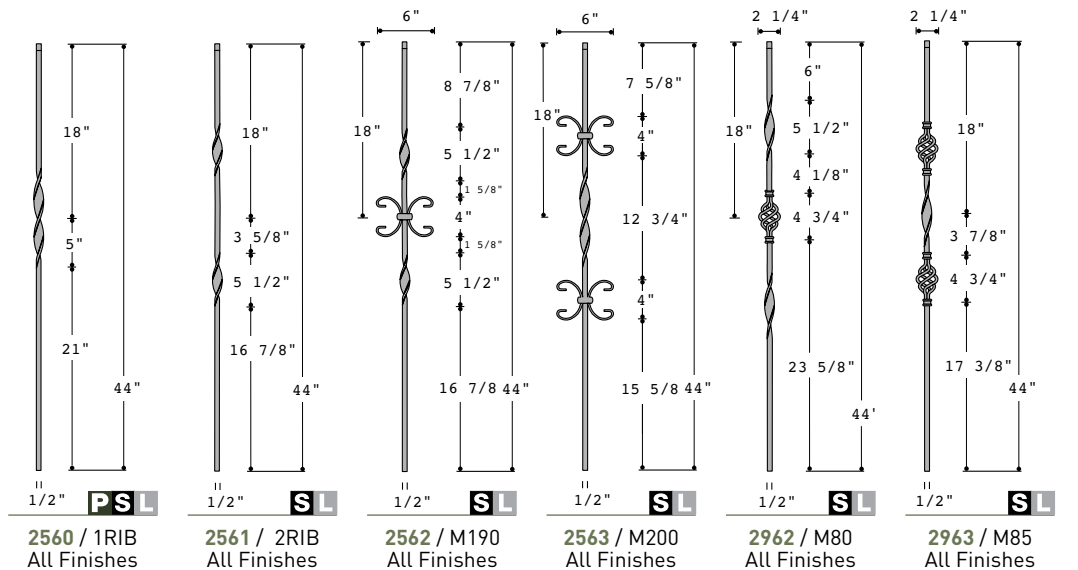


IRON

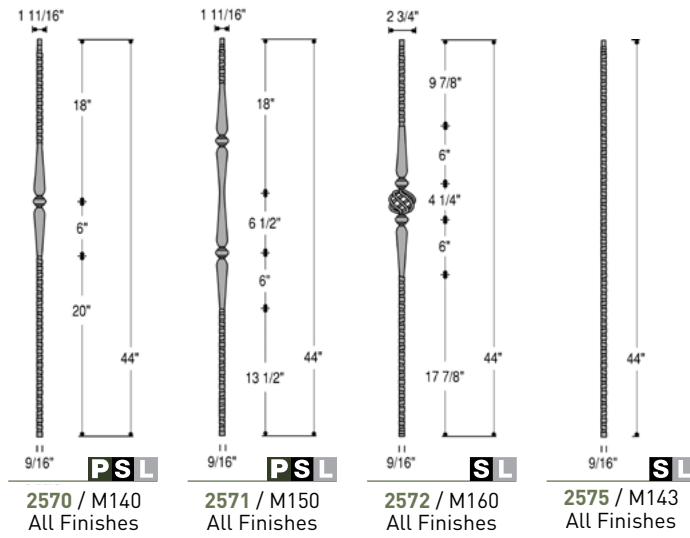
## Versatile



## Ribbon

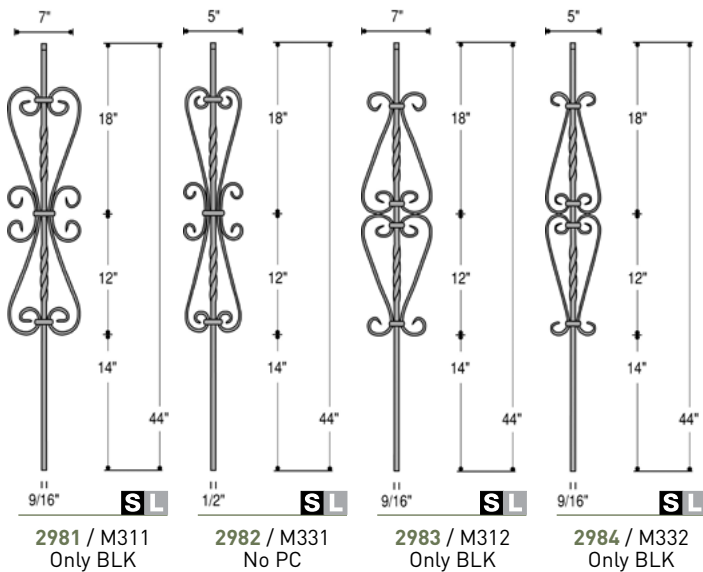
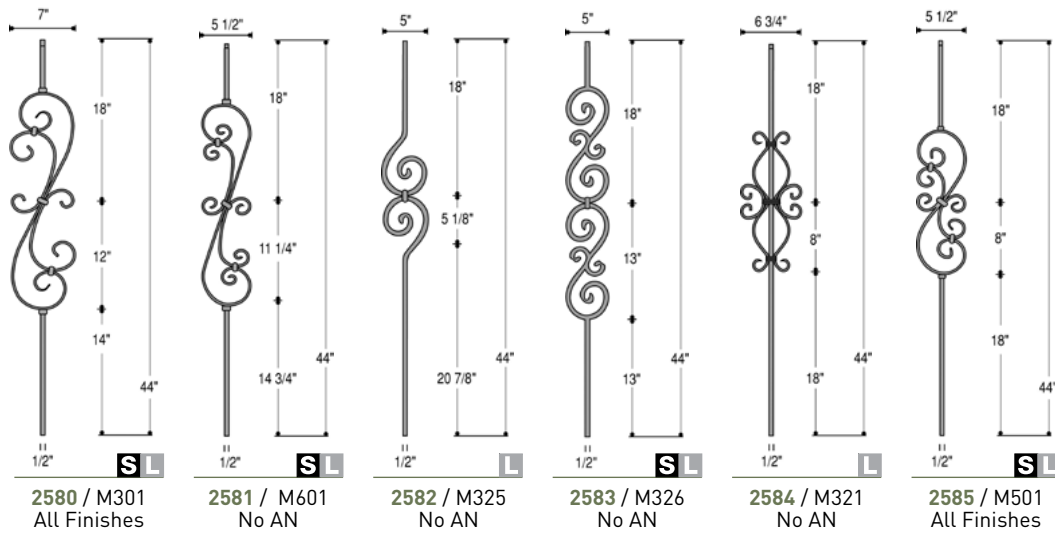


## Gothic



IRON

## Scroll



# Iron Collection

**P** Matte Phosphate **S** Solid Iron **L** Lite Iron

## Medallion

4" Medallions for use in Medallion Balusters



2920 / ME03  
Only BLK



2921 / US05  
Only BLK



2922 / ME08  
Only BLK

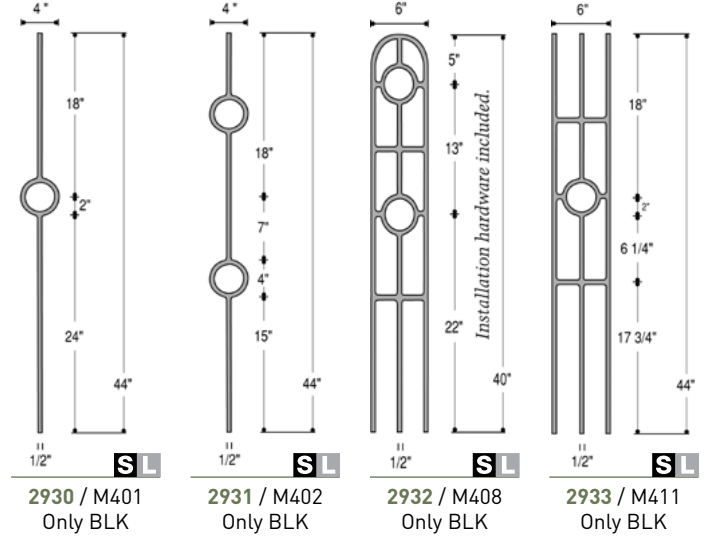


2923 / ME07  
Only BLK



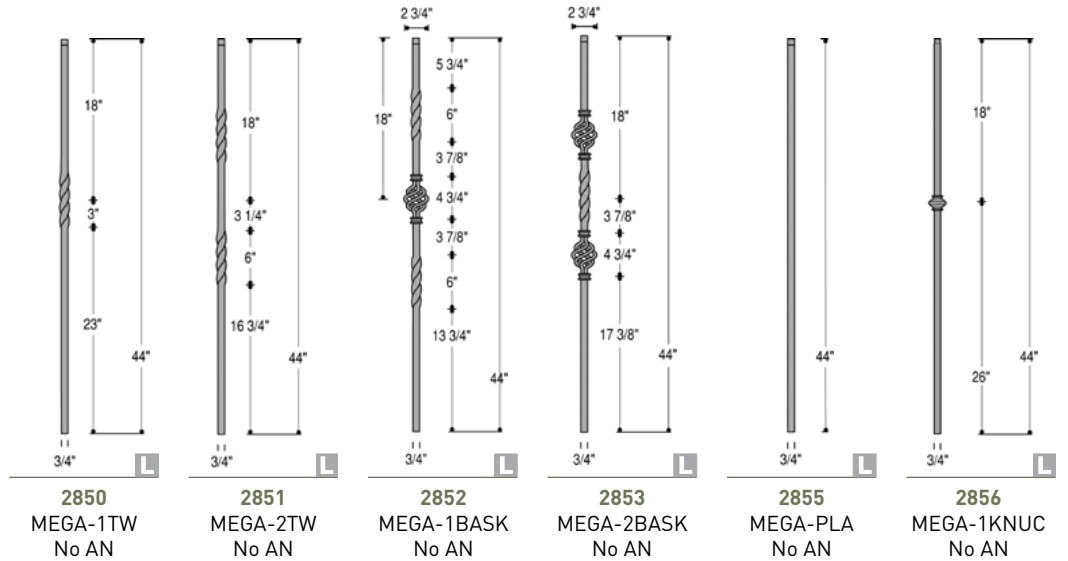
2924 / ME07PB  
Only BRASS Finish

Medallion Balusters have 1/2" square tops.

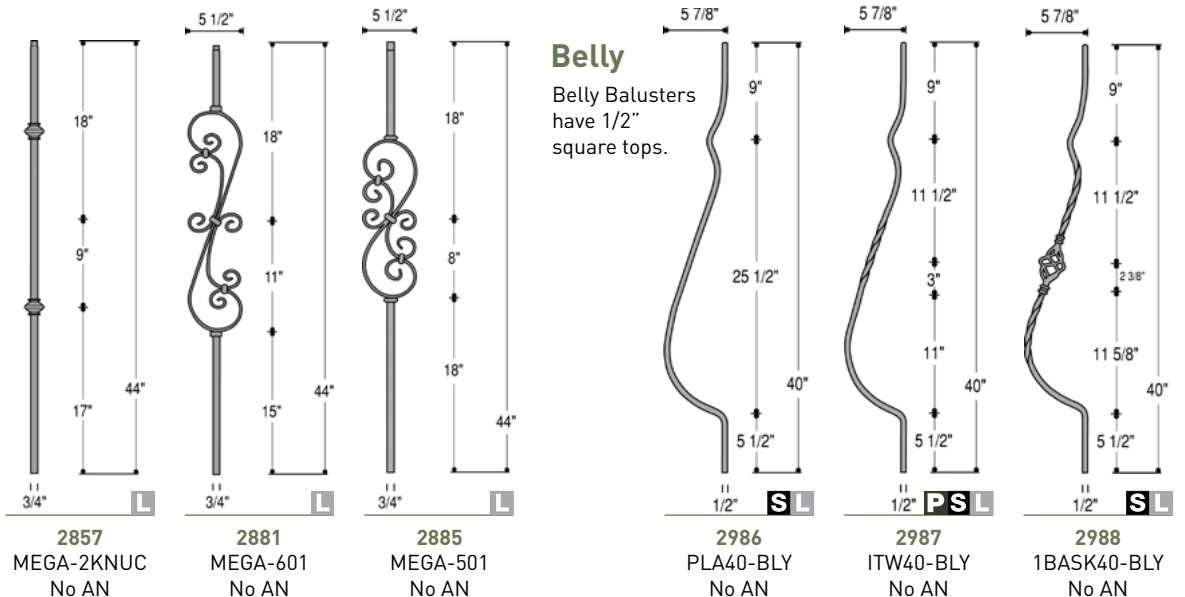


IRON

## Mega



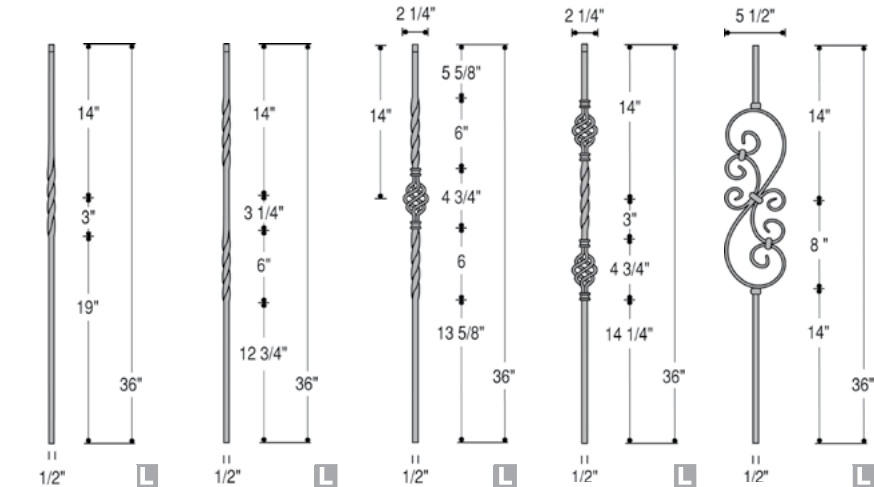
Shown: 2852 Baluster, 2853 Baluster, 2392 Flat Shoe.



**Belly**  
Belly Balusters have 1/2" square tops.



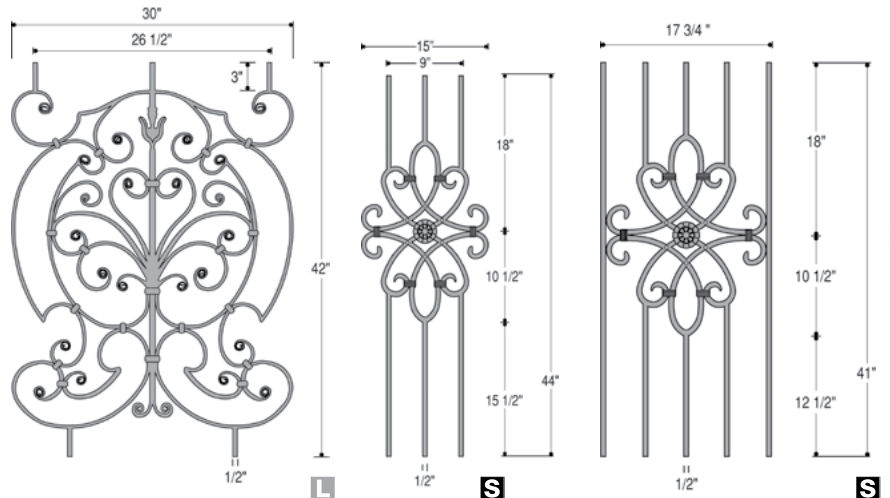
## Knee Wall



Shown: 2685 Knee Wall Scroll, 2555 Baluster, 2350 Rake Collar.

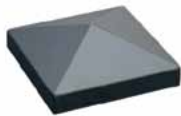
**2650** KW14-1TW Only SAT, PC, ORB  
**2651** KW14-2TW Only SAT, PC, ORB  
**2652** KW14-1BASK Only SAT, PC, ORB  
**2653** KW14-2BASK Only SAT, PC, ORB  
**2685** KW14-M501 Only SAT, PC, ORB

## Decorative Panels

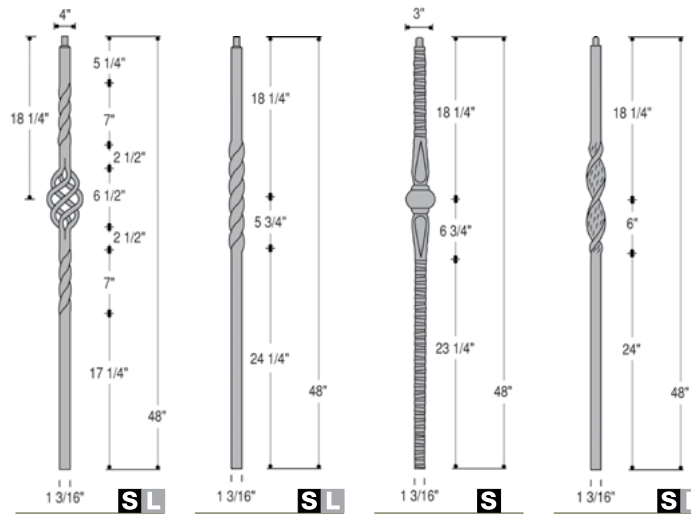


Decorative Panels have 1/2" Square Tops

**2490 / M590** No AN  
**2491 / M390** No AN  
**2492 / M555** No AN



**4091-KIT**  
 Iron Panel and Cap Kit  
 No AN  
 Use with C-4091-IP  
 Box Newel  
 (See Page 11)



**2450 / Newel** NEWL-BASK All Finishes  
**2452 / Newel** NEWL-TW All Finishes  
**2940 / Newel** NEWL-140 No AN  
**2942 / Newel** NEWL-RIB All Finishes

## Newels



Shown: Detail 2450 Newel

# Iron Collection

**P** Matte Phosphate **S** Solid Iron **L** Lite Iron

IRON

## Shoe Options 1/2"



**PSL** 2340 / FSH01 Flat Shoe All Finishes  
**PSL** 2342 / M06 Tall Shoe with Set Screw All Finishes  
**PSL** 2350 / PSH02 Pitch Shoe with Set Screw All Finishes

## Adjustable Knuckles with Set Screw



**SL** 2345 / AK01 Adj. Knuckle All Finishes  
**L** 2346 / AK02 Fluted Barrel All Finishes  
**L** 2347 / AK03 Urn All Finishes  
**L** 2348 / AK05 Tall Barrel All Finishes



**L** 2349 / AK04 Fluted Deco All Finishes

## Universal Remodeling Shoes 1/2" and 9/16"



**SL** 2910 / SCR04 Winged Shoe All Finishes  
**SL** 2911 / M020 Round Scalloped Shoe No ORC, ORB, AN  
**SL** 2912 / M022 Square Scalloped Shoe Only BLK, PC

## Shoe Options 1/2" Dia.



**SL** 2330 / RM301 Square Shoe No AN  
**SL** 2331 / RM201 Round Shoe No AN  
**SL** 2332 / RM020 Round Scalloped Shoe No AN  
**S** 2370 / R08F Base Shoe No AN  
**S** 2371 / R09P Pitch Shoe with Set Screw No AN

## Shoe Options 9/16"



**PSL** 2341 / H03 Flat Shoe All Finishes  
**PSL** 2351 / H05P Pitch Shoe with Set Screw All Finishes  
**PSL** 2914 / H04 Winged Shoe All Finishes  
**PSL** 2915 / H06 Tall Shoe with Set Screw All Finishes

## Shoe Options 9/16" Dia.



**PSL** 2916 / R07F Base Shoe Only BLK  
**SL** 2917 / R06P Pitch Shoe with Set Screw Only BLK  
**L** 2918 / RAK03 Adj. Knuckle with Set Screw Only BLK

## MEGA Shoe Options 3/4"



**SL** 2390 MEGA-PSH08 Pitch Shoe with Set Screw No AN  
**SL** 2391 MEGA-FSH08 Flat Shoe No AN  
**SL** 2392 MEGA-M08 with Set Screw No AN  
**SL** 2319 MEGA-RD208 Round Flat Shoe No AN  
**SL** 2329 MEGA-SQ308 Square Flat Shoe No AN

## Shoe 5/8" Dia.

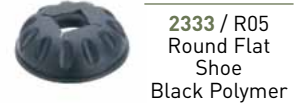


**L** 2375 / R10 Round Shoe 5/8" Round Baluster No AN

## Universal Shoes 1/2" and 9/16"



**SL** 2919 / RD201 Round Flat Shoe All Finishes  
**SL** 2929 / SQ301 Square Flat Shoe All Finishes



**SL** 2333 / R05 Round Flat Shoe Black Polymer

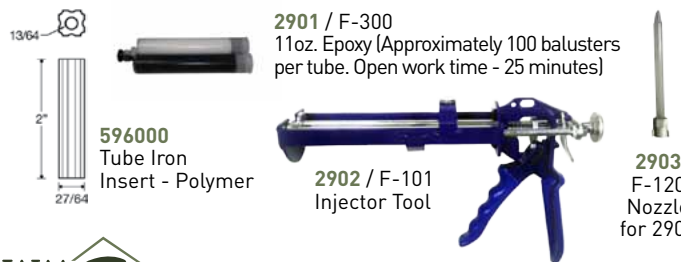
## Job-Lot Epoxy Adhesive System

**2905** Adhesive Kit  
 5 oz. Adhesive Cartridge and Nozzle to be used in standard caulking gun. (Approximately 50 balusters per tube. Open work time - 6 minutes)



**2906** Extra Nozzle for 2905

**2901 / F-300**  
 11oz. Epoxy (Approximately 100 balusters per tube. Open work time - 25 minutes)



**596000** Tube Iron Insert - Polymer

**2902 / F-101** Injector Tool

**2903** F-120 Nozzle for 2901

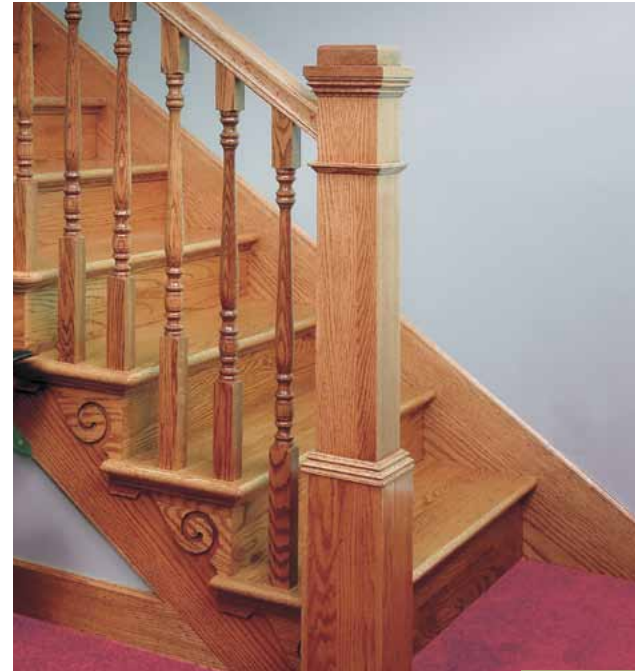
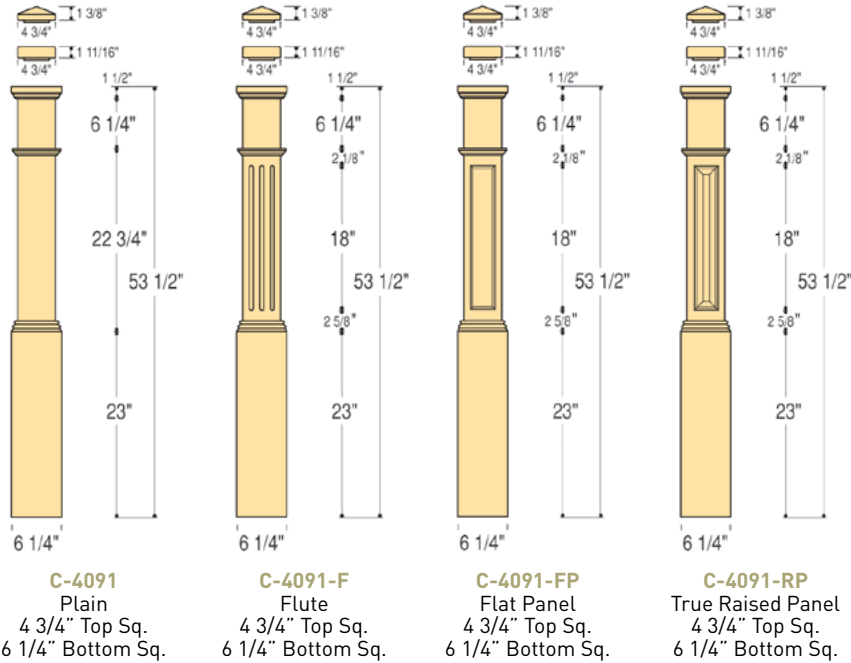


**2302** Manual Dispenser  
**2301** Adhesive (Approximately 20 balusters per tube. Open work time - 25 minutes)  
**2303** Mixing Nozzle (Packed 10 ea.)



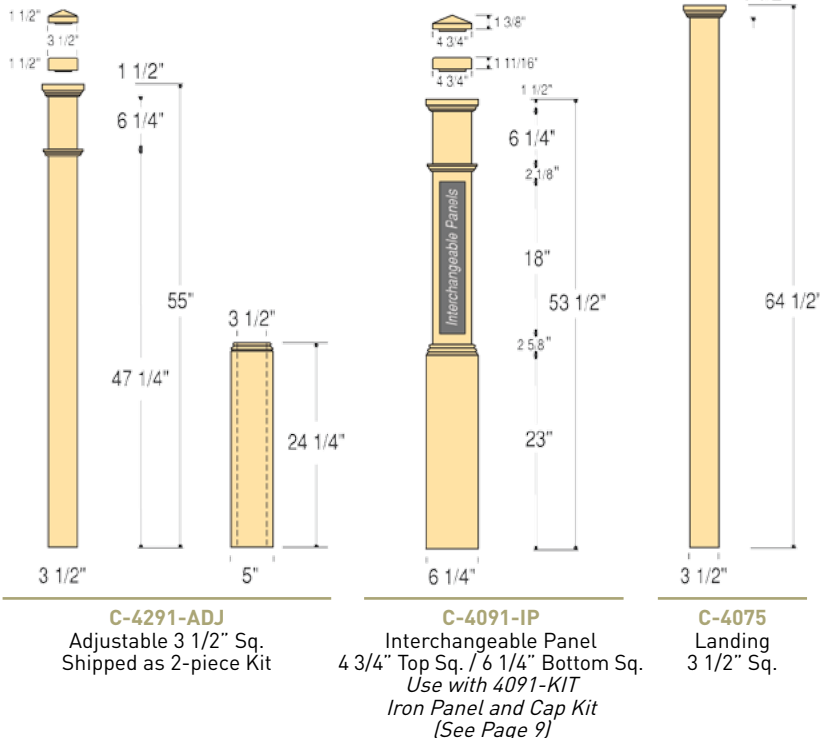
**2360 / NC101** Newel Attaching System Base Collar, Shaft and Screws All Finishes  
**2362 / NEWL-FSH01** Flat Newel Shoe - Only All Finishes

WM Coffman's Box Newel Collection offers you the ability to enhance the appearance of your stair with an impressive and bold style that blends with any of our rail and baluster profiles.



Shown: C-4091 Box Newel, C-6210 P1 Handrail, C-5601 Balusters.

**Interchangeable Box Newel Caps**  
The Box Newels shown on this page are shipped with Interchangeable Flat and Peak Caps and have Hollow Top Construction which allows for secure handrail installation from inside the Box Newel.



WOOD



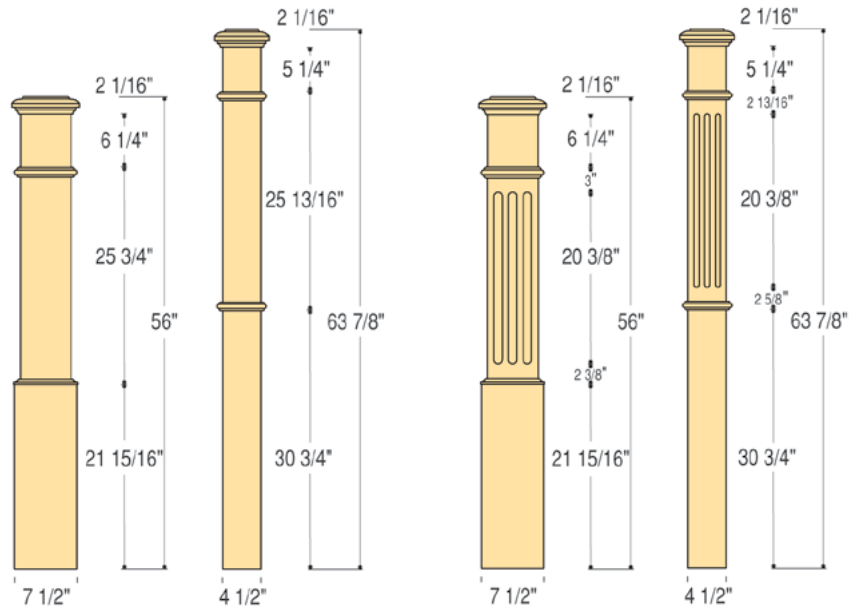
# Box Newels



Shown: C-4095-F Fluted Box Newel, C-6110 Handrail, C-7112S Up Easing, C-5151 Balusters.

WOOD

WM Coffman provides a complete selection of Box Newels offered with complementary sized Landing Newels to provide more design flexibility.



**C-4095**  
Plain  
6" Top Sq.  
7 1/2" Bottom Sq.

**C-4695**  
Plain  
4 1/2" Sq.

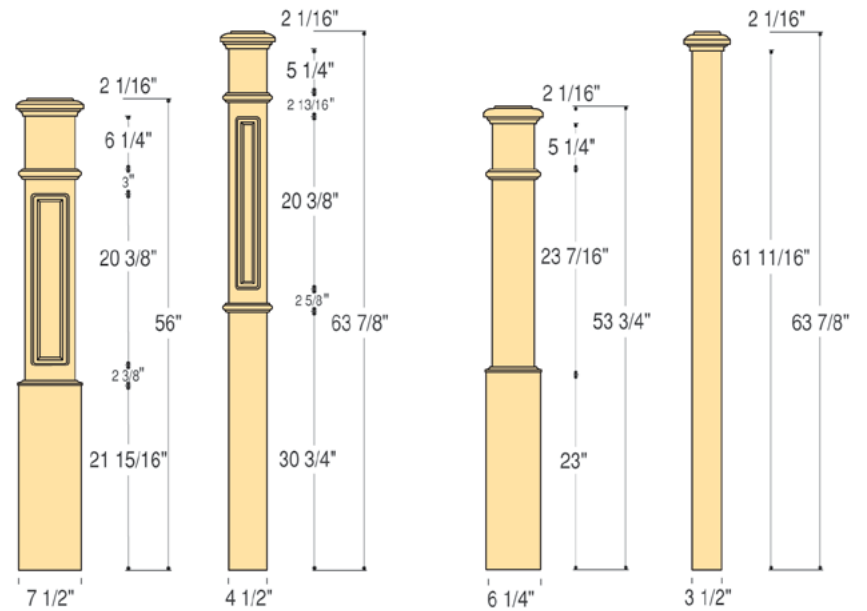
**C-4095-F**  
Flute 6" Top Sq.  
7 1/2" Bottom Sq.

**C-4695-F**  
Flute  
4 1/2" Sq.



Shown: C-4095 Plain Box Newel

Shown: C-4095-RP Raised Panel Box Newel



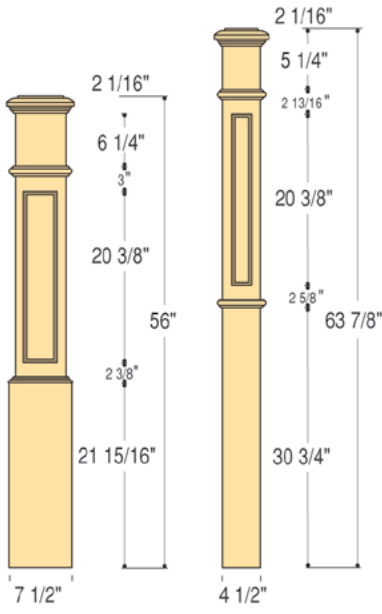
**C-4095-RP**  
Raised Panel  
6" Top Sq.  
7 1/2" Bottom Sq.

**C-4695-RP**  
Raised Panel  
4 1/2" Sq.

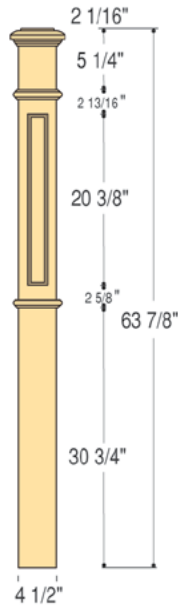
**C-4090**  
Plain  
4 3/4" Top Sq.  
6 1/4" Bottom Sq.

**C-4077**  
Landing  
3 1/2" Sq.

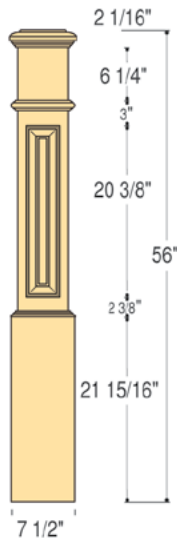
# Box Newels



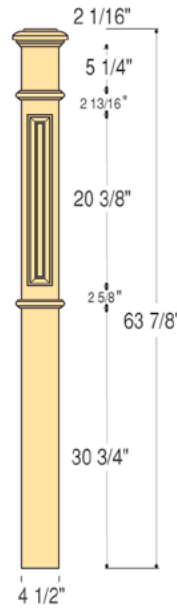
**C-4891-FP**  
Flat Panel  
6" Top Sq.  
7 1/2" Bottom Sq.



**C-4691-FP**  
Flat Panel  
4 1/2" Sq.



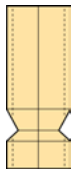
**C-4891-RP**  
True Raised Panel  
6" Top Sq.  
7 1/2" Bottom Sq.



**C-4691-RP**  
True Raised Panel  
4 1/2" Sq.



Shown: C-4891-FP Flat Panel Newel, C-6110 P1 Handrail, C-7112S Up Easing, C-5141 Balusters.

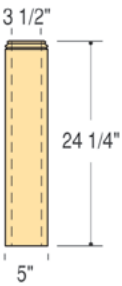


**FREE!**

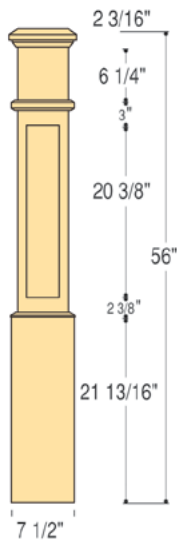
### EZ Mount Installation System

Exclusively from WM Coffman, the EZ Mount Base Block Installation System (includes block, 4 lag screws and washers) is included with all 6 1/4" and 7 1/2" Box Newels.

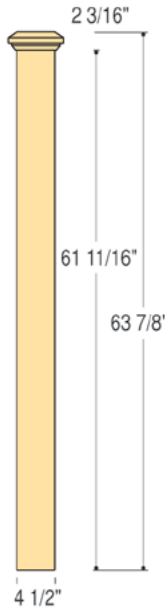
Shown: C-4890 Mission Box Newel  
C-6700 P1 Handrail, C-5360 Balusters



**C-4099**  
Newel Sleeve 3 1/2"  
Mouldings Shipped Loose  
(2 Profile Options:  
C-4091 and C-4095)



**C-4890**  
Mission  
6" Top Sq.  
7 1/2" Bottom Sq.



**C-4690**  
Mission  
4 1/2" Sq.



Shown: C-4891-RP True Raised Panel Box Newel



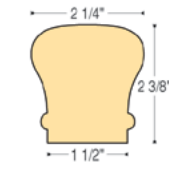
Shown: C-4691-RP True Raised Panel Box Newel

**WOOD**

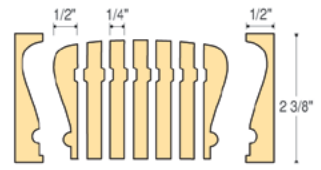
# Traditional Over-the-Post



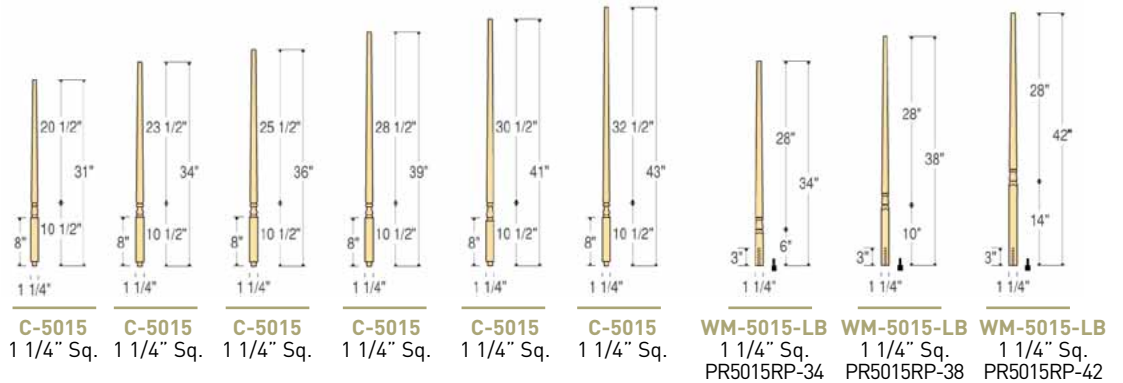
**The Traditional Collection** derives its beautiful style from the Georgian, Federal and Greek Revival periods of architecture. Graceful tapers and delicate beadwork are brought together to create a time-honored look.



**C-6010**

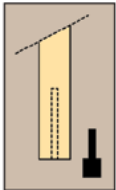


**C-6016 (7 piece)**  
Bending Rail with  
Bending Mould

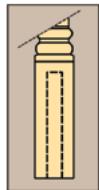


Shown: C-6010 Handrail, C-5015 Blusters, C-4065 Starting Newel, C-7030 LH Volute, C-8010 Starting Step.

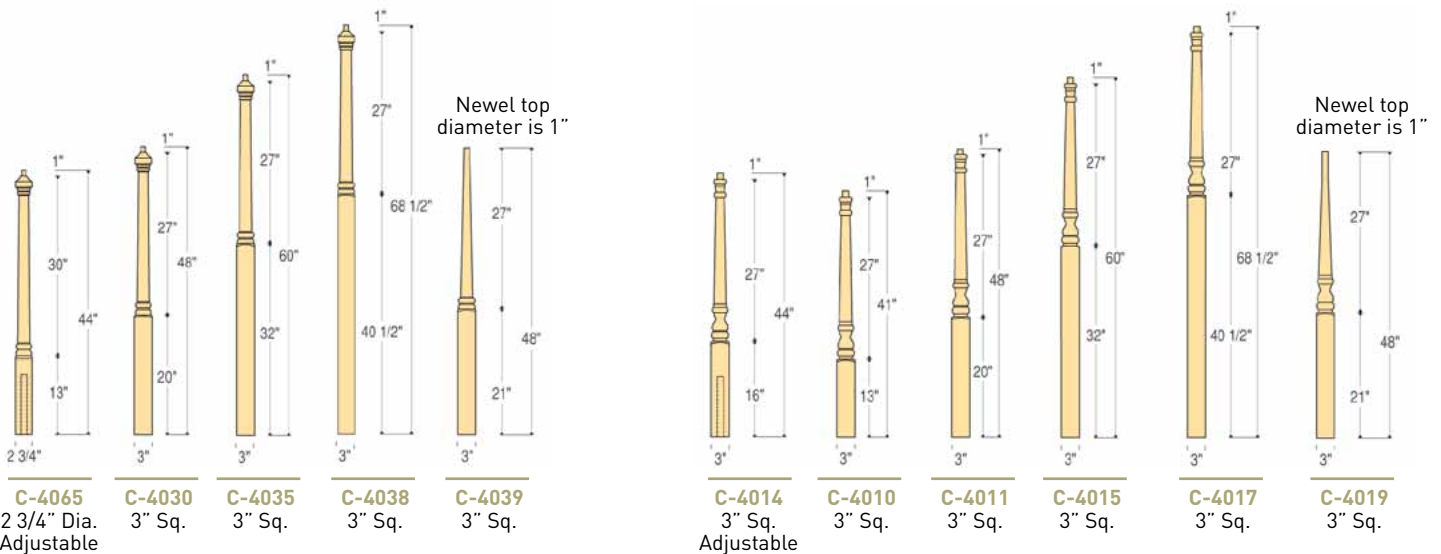
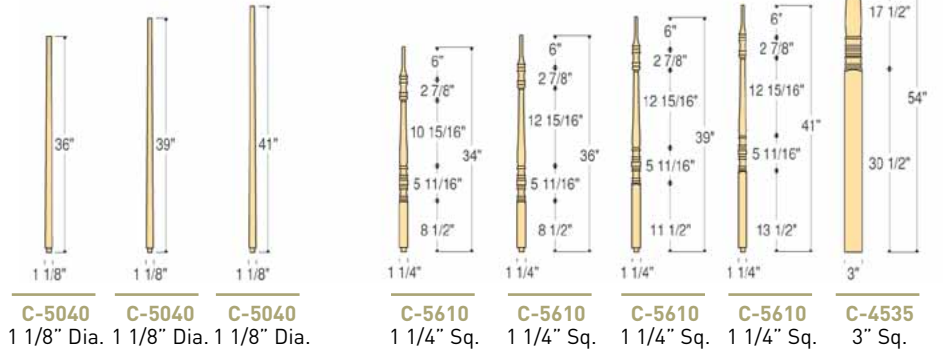
WOOD



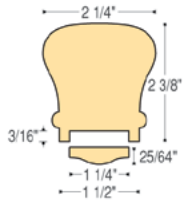
Enlarged for Detail. All Long Block (LB) balusters are designed and shipped with removable pin.



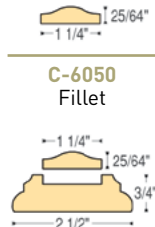
Enlarged for Detail. All Adjustable Newels are bored and shipped with loose dowel.



# Traditional Post-to-Post



**C-6010 P**  
with Fillet



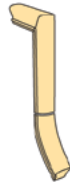
**C-6050**  
Fillet



**C-6045**  
Shoe Rail with Fillet



**C-7098**  
1 Riser  
No Cap



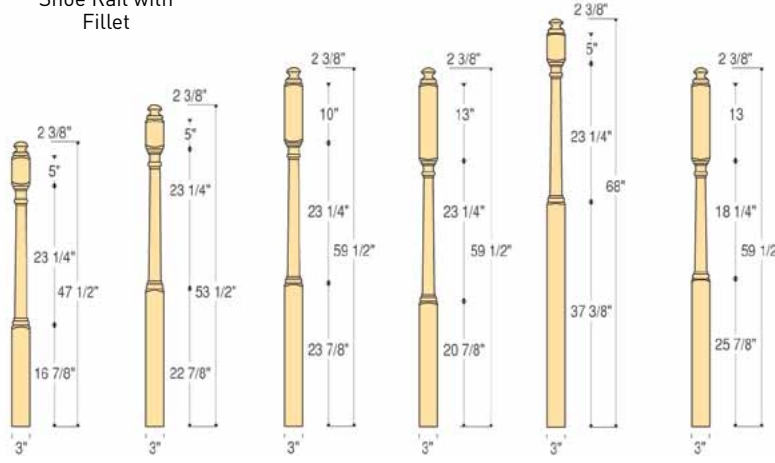
**C-7099**  
2 Riser  
No Cap



Shown: C-6010 P Handrail,  
C-5067 Balusters, C-4040  
Starting Newel.



Newels at right are available in 2 options. For Ball Top specify [BT]



**C-4040**  
3" Sq.

**C-4042**  
3" Sq.

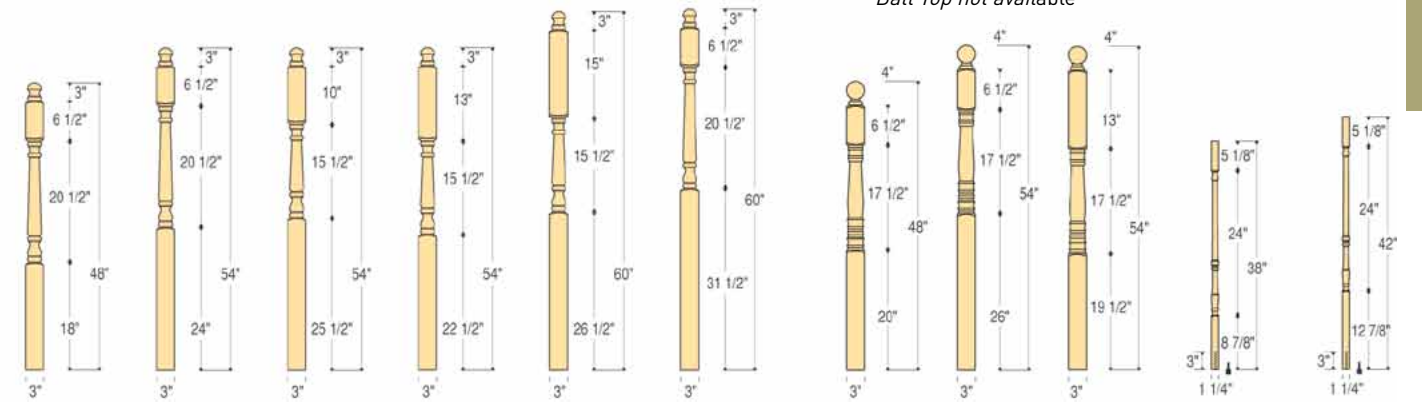
**C-4045**  
3" Sq.

**C-4046**  
3" Sq.

**C-4055**  
3" Sq.

**C-4046S**  
3" Sq.

Ball Top not available



**C-4540**  
3" Sq.

**C-4542**  
3" Sq.

**C-4545**  
3" Sq.

**C-4546**  
3" Sq.

**C-4547**  
3" Sq.

**C-4548**  
3" Sq.

**C-4550BT**  
3" Sq.

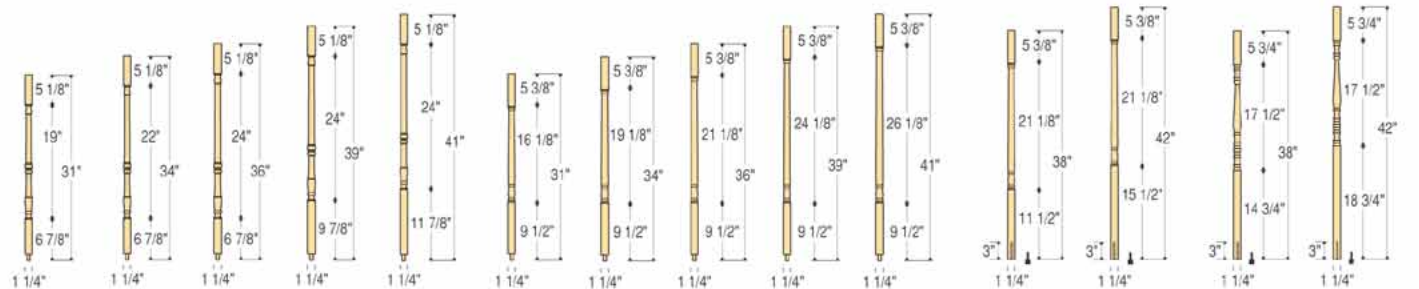
**C-4555BT**  
3" Sq.

**C-4556BT**  
3" Sq.

**C-5067-LB**  
1 1/4" Sq.

**C-5067-LB**  
1 1/4" Sq.

B-48-6.5-MT B-54-6.5-MT B-54-10-MT B-54-13-MT B-60-15-MT



**C-5067**  
1 1/4" Sq.

**C-5067**  
1 1/4" Sq.

**C-5067**  
1 1/4" Sq.

**C-5067**  
1 1/4" Sq.

**C-5067**  
1 1/4" Sq.

**C-5070**  
1 1/4" Sq.

**C-5070**  
1 1/4" Sq.

**C-5070**  
1 1/4" Sq.

**C-5070**  
1 1/4" Sq.

**C-5070**  
1 1/4" Sq.

**C-5070**  
1 1/4" Sq.

**C-5070-LB**  
1 1/4" Sq.

**C-5070-LB**  
1 1/4" Sq.

**C-5105-LB**  
1 1/4" Sq.

**C-5105-LB**  
1 1/4" Sq.

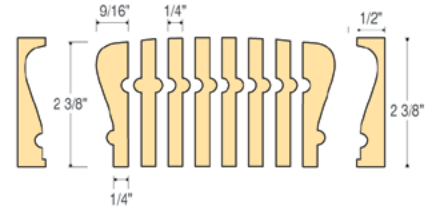
1 1/4" Sq. 1 1/4" Sq. 1 1/4" Sq. 1 1/4" Sq. 1 1/4" Sq. 1 1/4" Sq. 1 1/4" Sq. 1 1/4" Sq. 1 1/4" Sq. 1 1/4" Sq. 1 1/4" Sq. 1 1/4" Sq. 1 1/4" Sq. 1 1/4" Sq.

WOOD

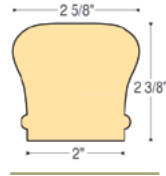
# Classic Over-the-Post



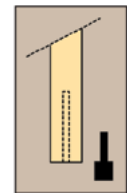
Inspired by the timeless appeal of Greek and Roman architecture, the **Classic Collection** is a blend of fine craftsmanship and purity of proportion. Balanced turnings accentuate an expertly carved urn, resulting in a profile recognized for its refined design.



**C-6216**  
Bending Rail with Bending Mould



**C-6210**



Enlarged for Detail. All Long Block (LB) balusters are designed and shipped with removable pin.

Shown: C-6210 Handrail, C-5611 Balusters, C-4210 Starting Newel, C-7230 LH Volute, C-8010 Starting Step.

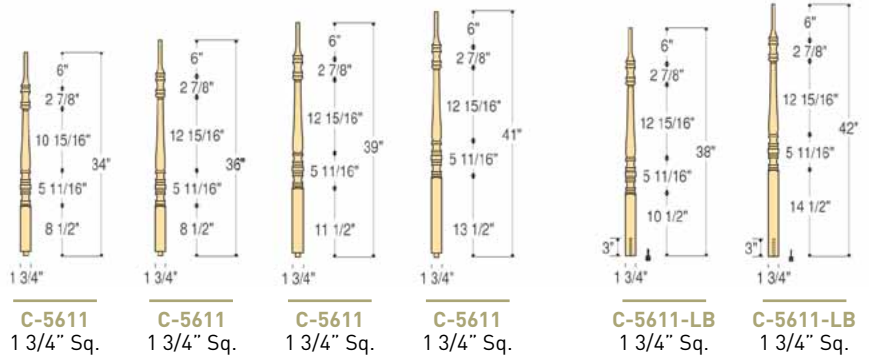
WOOD



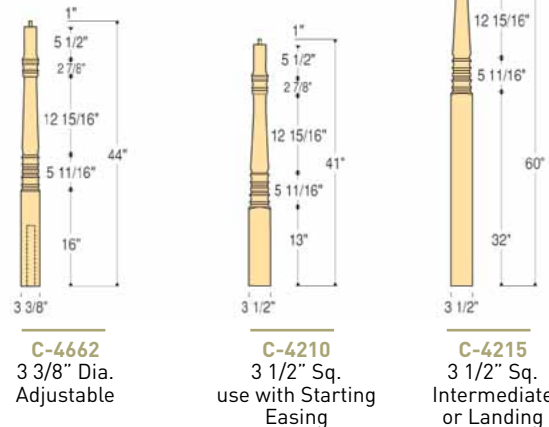
Shown: C-4662 Newel

Shown: C-4210 Newel

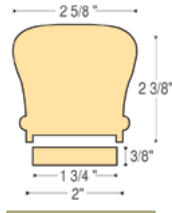
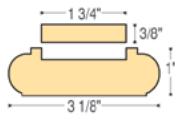
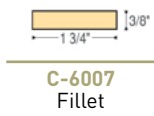
Shown: C-5611 Baluster



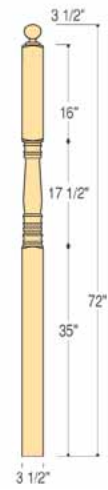
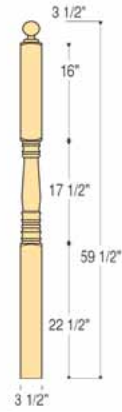
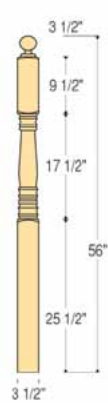
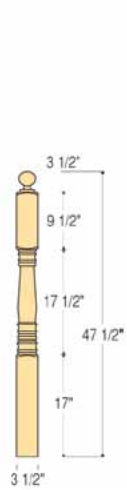
Newel top diameters are 2 1/8"



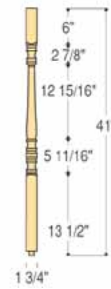
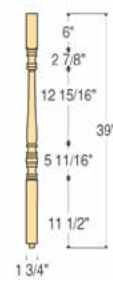
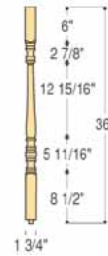
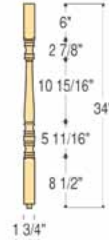
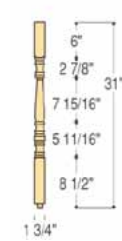




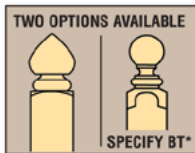
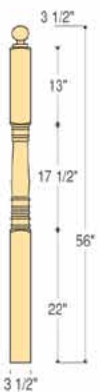
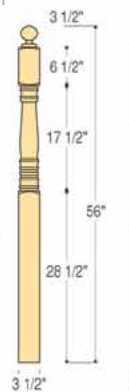
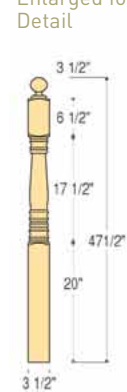
Shown: C-6210 P1 Handrail, C-5601 Balusters, C-4240 Starting Newel.



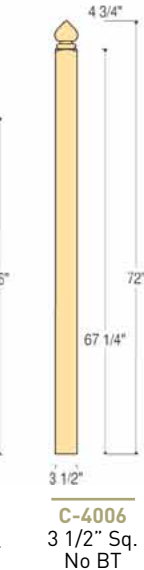
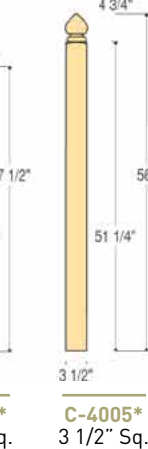
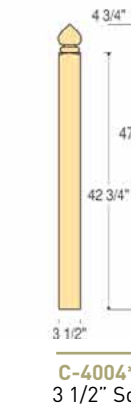
Newel Top Detail



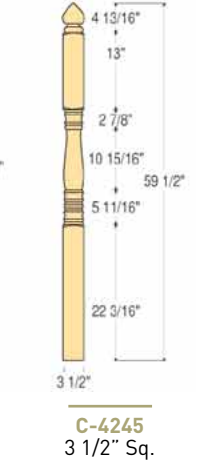
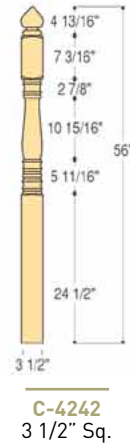
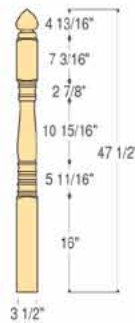
Enlarged for Detail



Enlarged for Detail



Newel Top Detail



WOOD

# Bristol Over-the-Post

# Bristol Post-to-Post



Elegant detailing and simple design gives the **Bristol Collection** tremendous versatility. Balusters and newels feature handsome vase.

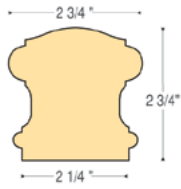
Shown: C-6116 Bending Rail, C-5151 Balusters, C-4162 Starting Newel, C-7130 LH Volute, C-7135 RH Volute.



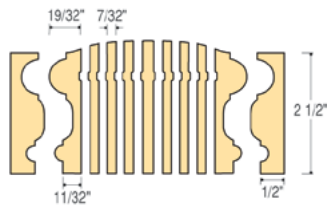
Shown: C-6110 P1 Handrail, C-5141 Balusters, C-4172 Starting Newel



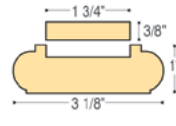
WOOD



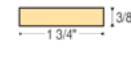
C-6110



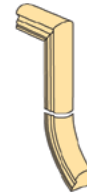
C-6116 Bending Rail with Bending Mould



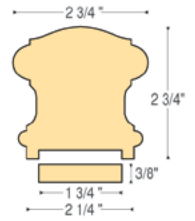
C-6006 Shoe Rail with Fillet



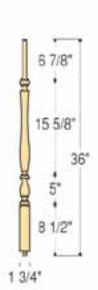
C-6007 Fillet



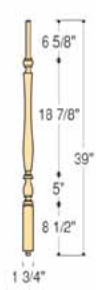
C-7199 2 Riser No Cap



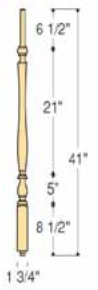
C-6110 P1 with Fillet



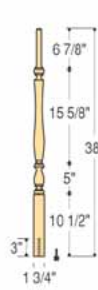
C-5151 1 3/4" Sq.



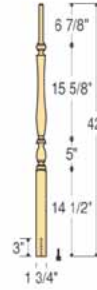
C-5151 1 3/4" Sq.



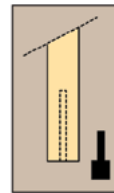
C-5151 1 3/4" Sq.



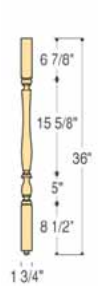
C-5151-LB 1 3/4" Sq.



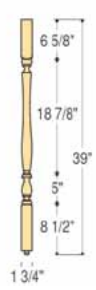
C-5151-LB 1 3/4" Sq.



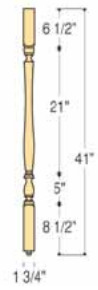
Enlarged for Detail. All Long Block (LB) balusters are designed and shipped with removable pin.



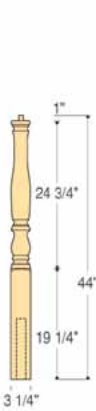
C-5141 1 3/4" Sq.



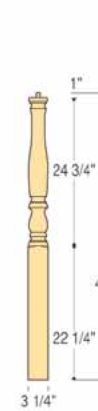
C-5141 1 3/4" Sq.



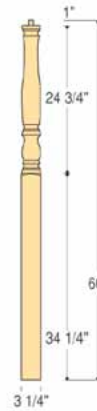
C-5141 1 3/4" Sq.



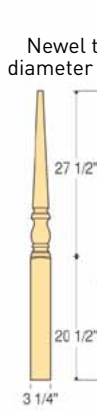
C-4162 3 1/4" Sq. Adjustable



C-4111 3 1/4" Sq. D-48-0-PT

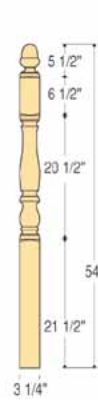


C-4115 3 1/4" Sq.

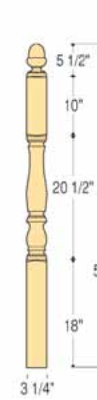


C-4119 3 1/4" Sq. D-ST-48

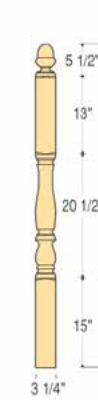
Newel top diameter is 1"



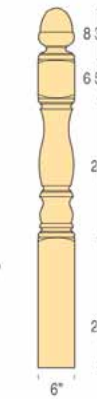
C-4172 3 1/4" Sq. D-54-6.5-AT



C-4175 3 1/4" Sq. D-54-10-AT



C-4176 3 1/4" Sq. D-54-13-AT



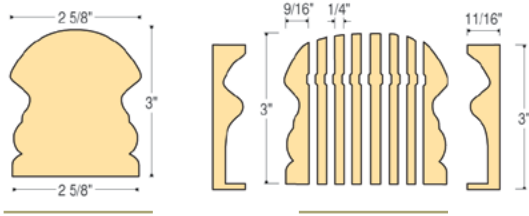
C-4179 6" Sq. D-6-6-60-AT

# Marion Over-the-Post

# Marion Post-to-Post

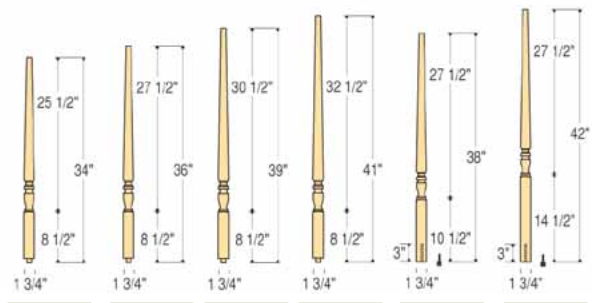
The **Marion Collection** provides a versatile look that easily adapts to any setting. Urns, vases and transitional carvings combine to create strong lines that enhance any home's decor.

Shown: C-6719 Handrail, C-5251 Balusters, C-4257 Starting Newel, C-7730 LH Volute, C-8010 Starting Step.



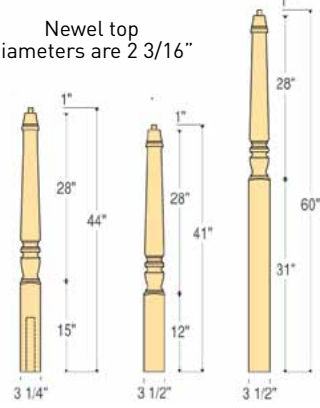
**C-6719**

**C-6716**  
Bending Rail with Bending Mould



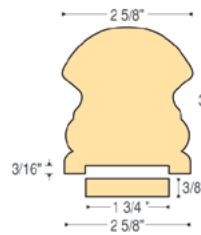
**C-5251** 1 3/4" Sq. **C-5251** 1 3/4" Sq. **C-5251** 1 3/4" Sq. **C-5251** 1 3/4" Sq. **C-5251-LB** 1 3/4" Sq. **C-5251-LB** 1 3/4" Sq.

Newel top diameters are 2 3/16"

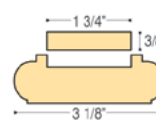


**C-4257** 3 1/4" Dia. Adjustable  
**C-4272** 3 1/2" Sq. use with volute or Starting Easing  
**C-4277** 3 1/2" Sq.

Shown: C-6719 P1 Handrail, C-5241 Balusters, C-4282 Starting Newel.

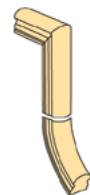


**C-6719 P1**  
with Fillet

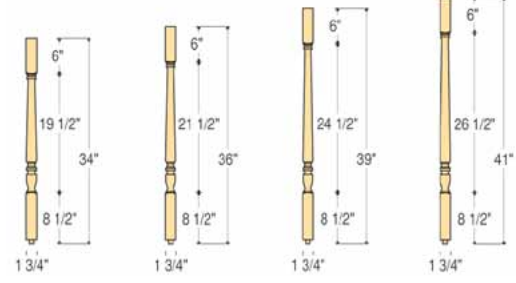


**C-6006**  
Shoe Rail with Fillet

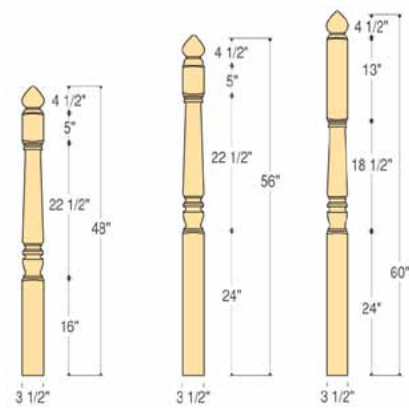
**C-6007**  
Fillet



**C-7799**  
2 Riser No Cap



**C-5241** 1 3/4" Sq. **C-5241** 1 3/4" Sq. **C-5241** 1 3/4" Sq. **C-5241** 1 3/4" Sq.



**C-4282** 3 1/2" Sq. **C-4282 L** 3 1/2" Sq. **C-4287** 3 1/2" Sq.



Newel Top Detail

WOOD

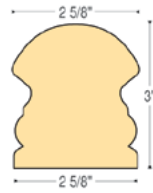
# Chippendale Over-the-Post

# Chippendale Post-to-Post

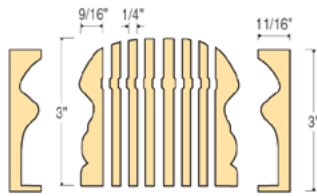


The **Chippendale Collection** celebrates the refined style made famous by the master furniture maker, Thomas Chippendale. Balusters and newels feature carefully-crafted flutes and graceful proportions that produce the elegant appeal of this classic design.

Shown: C-6719 Handrail, C-5211 Balusters, C-4252 Starting Newel, C-7730 LH Volute, C-7735 RH Volute.



C-6719



C-6716  
Bending Rail with Bending Mould



C-5211  
1 3/4" Sq. Flute



C-5211  
1 3/4" Sq. Flute



C-5211  
1 3/4" Sq. Flute



C-5211  
1 3/4" Sq. Flute



C-5201  
1 3/4" Sq. Flute



C-5201  
1 3/4" Sq. Flute

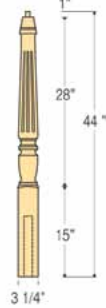


C-5201  
1 3/4" Sq. Flute

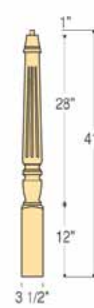


C-5201  
1 3/4" Sq. Flute

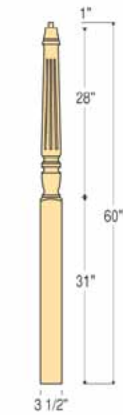
Newel top diameters are 2 3/16"



C-4252  
3 1/4" Dia. Flute Adjustable



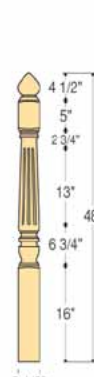
C-4270  
3 1/2" Sq. Flute use with Volute or Starting Easing



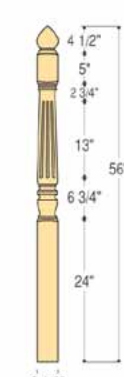
C-4275  
3 1/2" Sq. Flute Intermediate or Landing



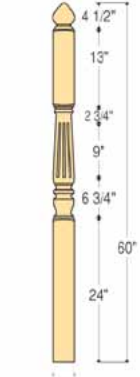
Newel Top Detail



C-4280  
3 1/2" Sq. Flute



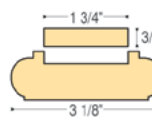
C-4280 L  
3 1/2" Sq. Flute



C-4285  
3 1/2" Sq. Flute



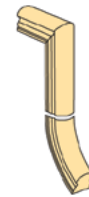
Shown: C-6719 P1 Handrail, C-5201 Balusters, C-4280 Starting Newel.



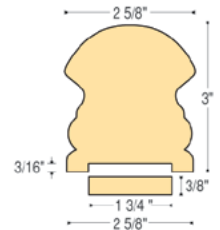
C-6006  
Shoe Rail with Fillet



C-6007  
Fillet



C-7799  
2 Riser No Cap



C-6719 P1  
with Fillet

WOOD

# Art Deco Over-the-Post

# Art Deco Post-to-Post

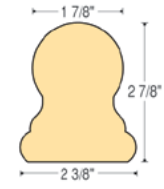
Shown: C-6810 Handrail, C-5845 Balusters, C-4810 Starting Newel, C-7831 Vertical Volute, C-8029 Tread Brackets.



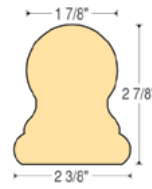
The **Art Deco Collection** replicates the sense of design that helped transform this fashionable look into an enduring style. Soft curves and elongated tapers unite to emphasize the refreshing proportions that complement so many interior decorating styles.



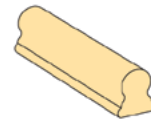
Shown: C-6810 Handrail, C-5845 Balusters, C-4840 Starting Newel, C-8029 Tread Brackets.



C-6810



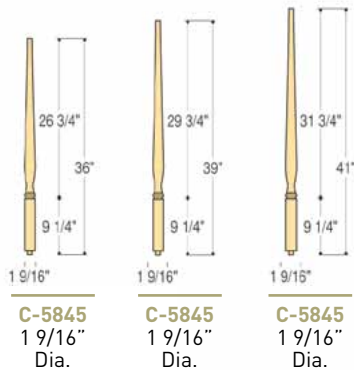
C-6810



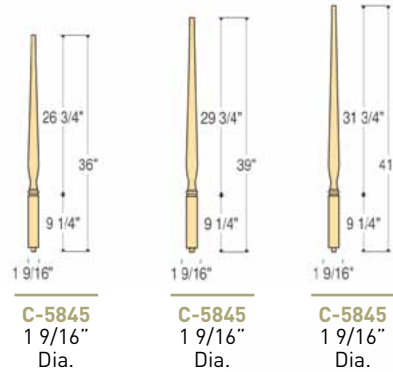
C-6810



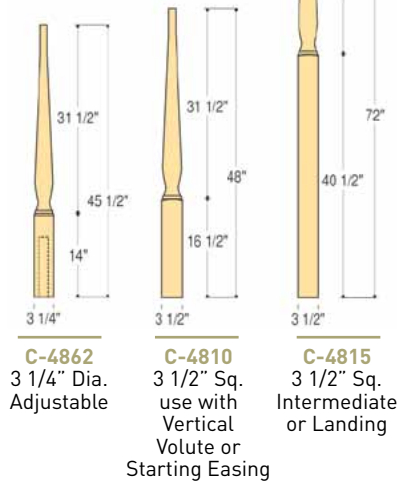
C-7899  
2 Riser  
No Cap



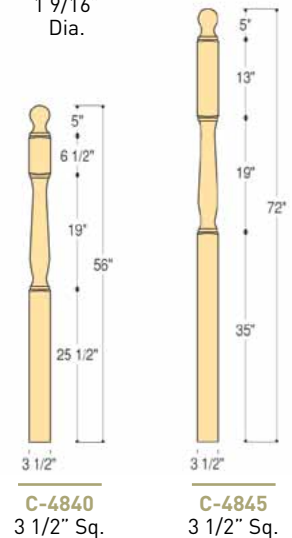
Newel top diameters are 1 1/8"



**Note:** Placement of Art Deco Newels will sometimes differ from standard newel locations because of the contemporary styling of the Art Deco fittings.



Newel Top Detail



WOOD

# Richmond Over-the-Post

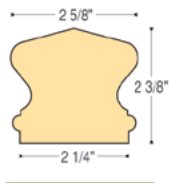
# Richmond Post-to-Post



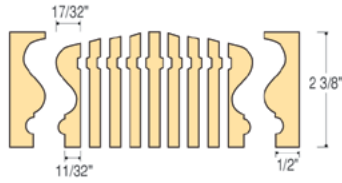
The **Richmond Collection** handrail features a deeply carved profile that transitions gracefully into a richly proportioned peak. Combined with bold turnings, this Collection creates a look that is pleasing to the eye.



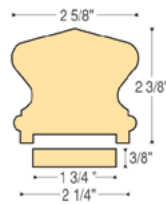
Shown: C-6410 Handrail, C-4695-F Fluted Box Newel, C-7499 Gooseneck, C-7412S Up Easing.



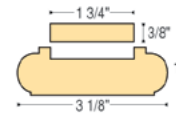
C-6410



C-6416  
Bending Rail with Bending Mould



C-6410 P1  
with Fillet



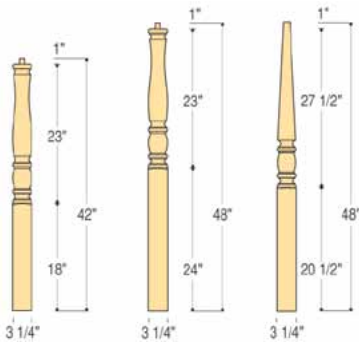
C-6006  
Shoe Rail  
with Fillet



C-6007  
Fillet

WOOD

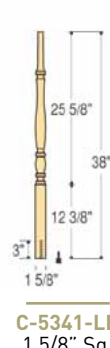
Newel top diameters are 1"



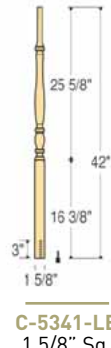
C-4410  
3 1/4" Sq.  
C-42-0-PT

C-4415  
3 1/4" Sq.  
C-48-0-PT

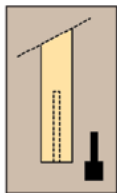
C-4419  
3 1/4" Sq.  
C-ST-48



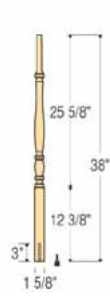
C-5341-LB  
1 5/8" Sq.



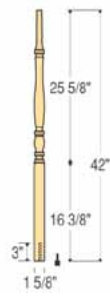
C-5341-LB  
1 5/8" Sq.



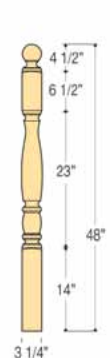
Enlarged for Detail. All Long Block (LB) balusters are designed and shipped with removable pin.



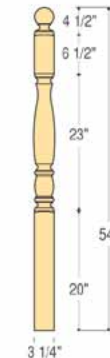
C-5341-LB  
1 5/8" Sq.



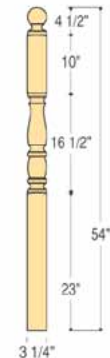
C-5341-LB  
1 5/8" Sq.



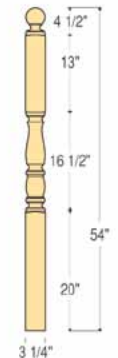
C-4440  
3 1/4" Sq.  
C-48-6.5-BT



C-4442  
3 1/4" Sq.  
C-54-6.5-BT



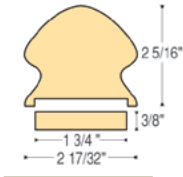
C-4445  
3 1/4" Sq.  
C-54-10-BT



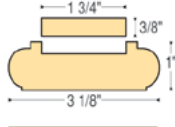
C-4446  
3 1/4" Sq.  
C-54-13-BT

# Hampton Post-to-Post

WM Coffman's Hampton Collection offers a combination of pure straight lines, detailed carvings and bold proportions.



**C-6005 P1**  
1 3/4" Plow  
with Fillet



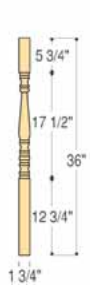
**C-6006**  
Shoe Rail  
with Fillet



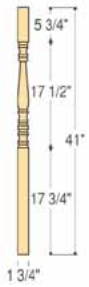
**C-6007**  
Fillet



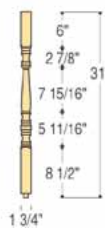
Shown: C-6005 P1 Handrail, C-6006 Shoe Rail, C-5005 Balusters, C-4004 Starting Newels.



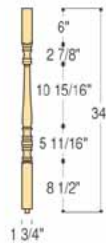
**C-5005**  
1 3/4" Sq.



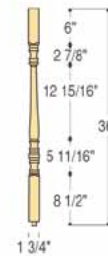
**C-5005**  
1 3/4" Sq.



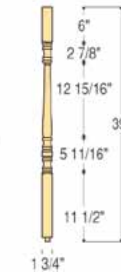
**C-5601**  
1 3/4" Sq.



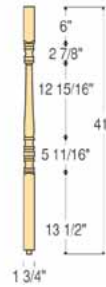
**C-5601**  
1 3/4" Sq.



**C-5601**  
1 3/4" Sq.



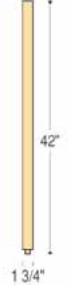
**C-5601**  
1 3/4" Sq.



**C-5601**  
1 3/4" Sq.



**C-5360**  
1 3/4" S4S

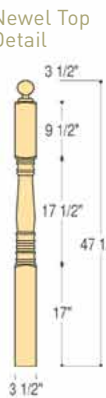


**C-5360**  
1 3/4" S4S

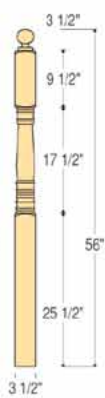
WOOD



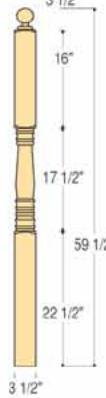
Newel Top  
Detail



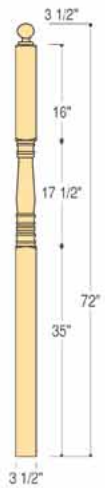
**C-4001**  
3 1/2" Sq.



**C-4002**  
3 1/2" Sq.



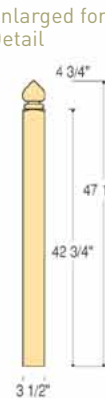
**C-4003**  
3 1/2" Sq.



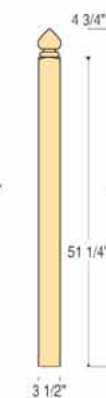
**C-4003 L**  
3 1/2" Sq.



Enlarged for  
Detail



**C-4004\***  
3 1/2" Sq.



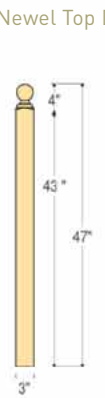
**C-4005\***  
3 1/2" Sq.



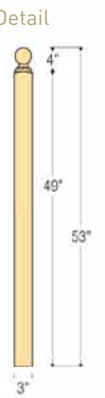
**C-4006**  
3 1/2" Sq.  
No BT



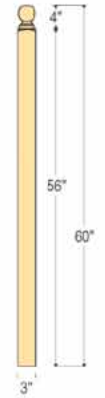
Newel Top  
Detail



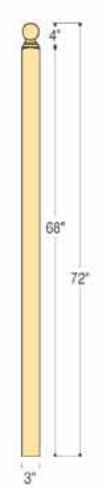
**C-4070**  
3" Sq.



**C-4072**  
3" Sq.



**C-4073**  
3" Sq.

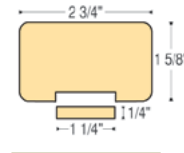


**C-4073 L**  
3" Sq.

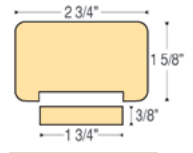
# Craftsman Post-to-Post



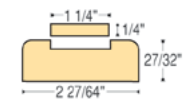
WM Coffman's **Craftsman Collection** of newels, balusters and handrails offer the contemporary look of modern components. The straight lines and eased edges will please the eye and the touch.



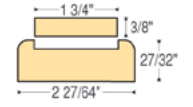
**C-6700 P**  
with Fillet



**C-6700 P1**  
with Fillet



**C-6001**  
Shoe Rail  
with Fillet



**C-6002**  
Shoe Rail  
with Fillet



Shown: C-6700 P1 Handrail, C-5360 Balusters, C-4076 Starting Newel.

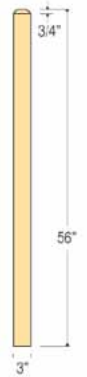
WOOD



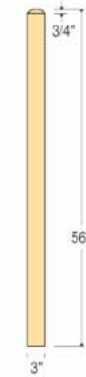
Shown: C-4074 EE Newel



Shown: C-4076 Newel



**C-4074**  
3" Sq.



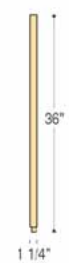
**C-4074 EE**  
3" Sq.



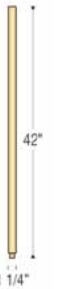
**C-5060**  
1 1/4" S4S



**C-5060**  
1 1/4" S4S



**C-5060 EE**  
1 1/4" Sq.



**C-5060 EE**  
1 1/4" Sq.



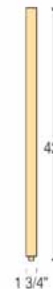
**C-4076**  
3 1/2" Sq.



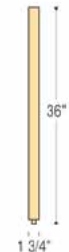
**C-4076 EE**  
3 1/2" Sq.



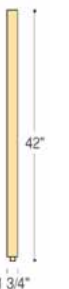
**C-5360**  
1 3/4" S4S



**C-5360**  
1 3/4" S4S



**C-5360 EE**  
1 3/4" Sq.

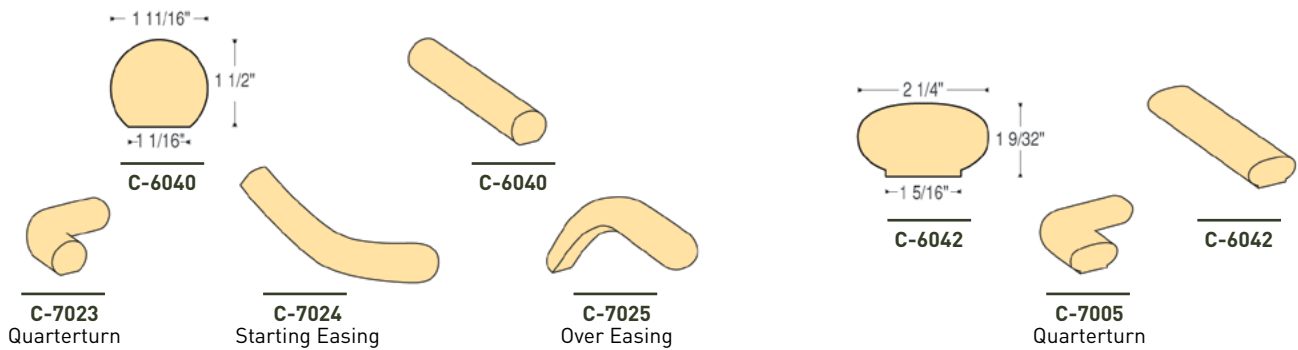


**C-5360 EE**  
1 3/4" Sq.



# Wall Rails, Brackets, Rosettes

## Wall Rails



## Wall Rail Brackets



ACCESSORIES

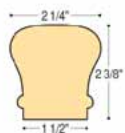
## Rosettes



# Fittings Traditional / Classic

## Starting Fittings

### Traditional



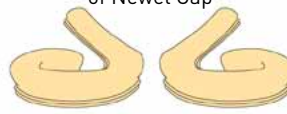
C-6010



C-7031  
Vertical Volute

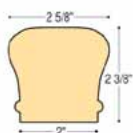


4 7/8" Center of Rail to Center of Newel Cap  
C-7030 C-7230 Left Hand Volute  
C-7035 C-7235 Right Hand Volute



5 1/4" Center of Rail to Center of Newel Cap  
C-7033 C-7233 Left Hand Volute Ascending  
C-7038 C-7238 Right Hand Volute Ascending

### Classic



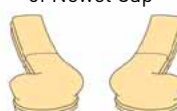
C-6210



C-7010 C-7210  
Starting Easing With Cap



4 7/8" Center of Rail to Center of Newel Cap  
C-7040 C-7240 Left Hand Turnout  
C-7045 C-7245 Right Hand Turnout



2 7/8" Center of Rail to Center of Newel Cap  
C-7041 C-7241 Left Hand Turnout  
C-7046 C-7246 Right Hand Turnout

### Traditional / Classic

The second digit of the **Fitting** part number identifies the profile and must match the second digit of the **Rail** number.  
Example:  
C-70XX Fittings = C-6010 Rail  
C-72XX Fittings = C-6210 Rail

## Transition Fittings



C-7001  
Rail Drop



C-7007 C-7207  
Coped End



C-7009 C-7209  
Returned End



C-7011 C-7211  
Level Quarterturn 90°



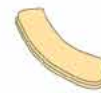
C-7012S C-7212S  
Up Easing



C-7013 C-7213  
Over Easing



C-7014S C-7214S  
Up Easing 90°



C-7015 C-7215  
Starting Easing Returned End



C-7016 C-7216  
Over Easing Returned End



C-7018  
Newel Cap



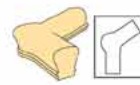
C-7019 C-7219  
Opening Cap



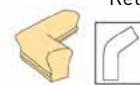
C-7020 C-7220  
Tandem Cap



C-7021 C-7221  
Quarterturn Cap 90°



C-7022 C-7222  
Level Cap 45°

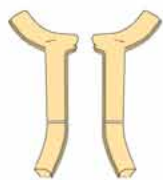


C-7026 C-7226  
Level Turn 45°

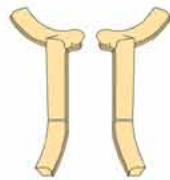


C-7047 C-7247  
5" Center to Center Left or Right (LH shown)

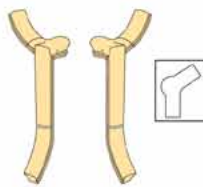
## Gooseneck Fittings



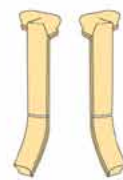
C-7050 C-7055  
C-7250 C-7255  
Left Hand Right Hand  
2 Riser No Cap 90°



C-7060 C-7065  
C-7260 C-7265  
Left Hand Right Hand  
2 Riser With Cap 90°



C-7061 C-7066  
C-7261 C-7266  
Left Hand Right Hand  
2 Riser With Cap 45°

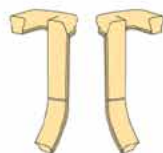


C-7071 C-7076  
C-7271 C-7276  
Left Hand Right Hand  
2 Riser No Cap 90°



C-7081 C-7086  
C-7281 C-7286  
Left Hand Right Hand  
2 Riser With Cap 90°

5 1/2" Center of rail to Center of Rail



C-7091 C-7094  
C-7291 C-7294  
Left Hand Right Hand  
2 Riser Landing Return  
No Cap 180°



C-7089 C-7289  
2 Riser with  
Tandem Cap



C-7097 C-7297  
2 Riser with Cap



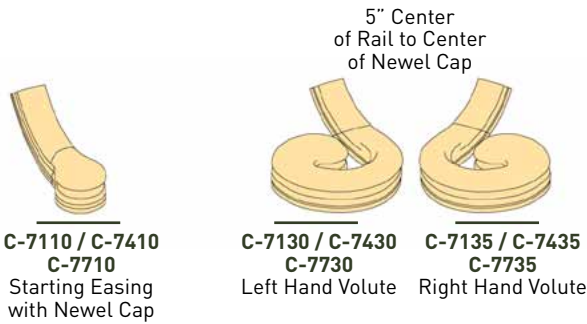
C-7098 C-7298  
1 Riser No Cap



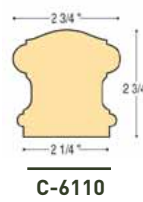
C-7099 C-7299  
2 Riser No Cap

# Fittings Bristol / Richmond / Marion

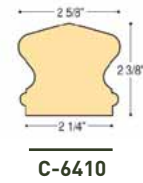
## Starting Fittings



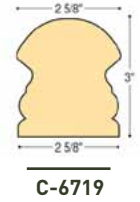
### Bristol



### Richmond



### Marion



### Bristol / Richmond / Marion

The second digit of the **Fitting** part number identifies the profile and must match the second digit of the **Rail** part number.  
Example:  
C-71XX Fittings = C-6110 Rail  
C-74XX Fittings = C-6410 Rail  
C-77XX Fittings = C-6719 Rail

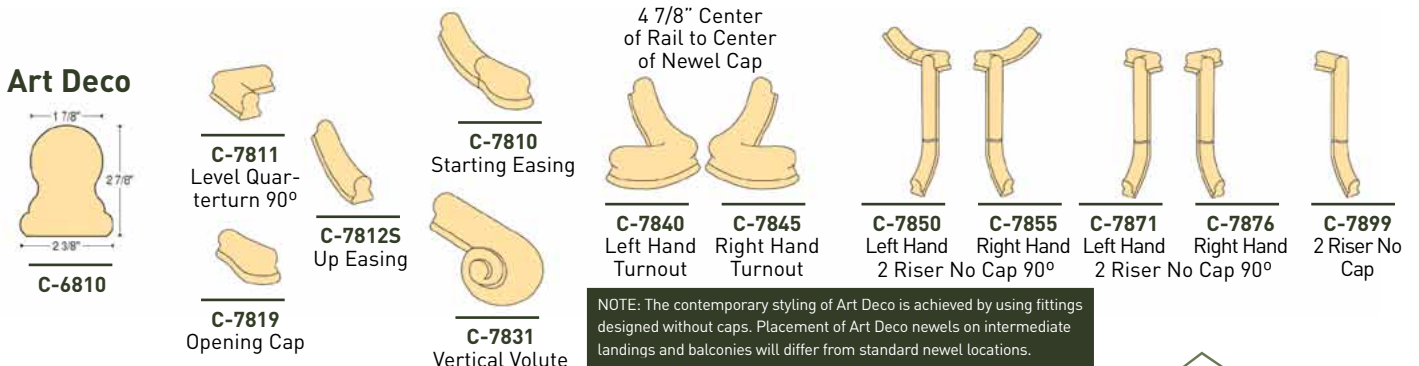
## Transition Fittings



## Gooseneck Fittings

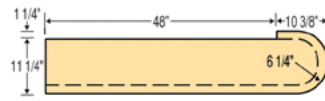


## Art Deco

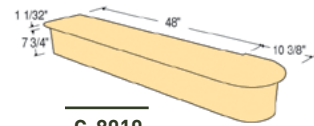


ACCESSORIES

# Starting Steps

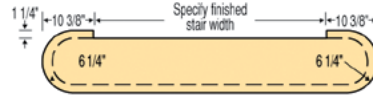


**C-8010**

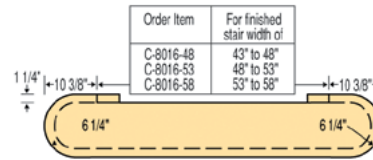


**C-8010  
Bullnose**

Usable with all turnouts and volutes.



**C-8015**

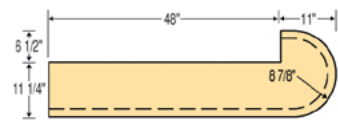


**C-8016**

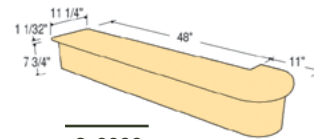
Adjustable Double End Bullnose

Order Item	For finished stair width of
C-8016-48	43" to 48"
C-8016-53	48" to 53"
C-8016-58	53" to 58"

Usable with all turnouts and volutes. Three adjustable sizes allow job site trimming for exact finished fit.

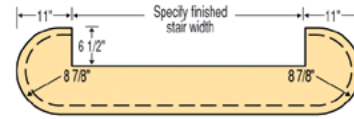


**C-8030**



**C-8030  
Half Circle**

Use with Ascending Volute, and usable with larger profile Volute, PTP systems and Box Newels.



**C-8050**

## Starting Step Moulding Sets

ACCESSORIES



Starting steps are shipped complete with the starting riser, starting tread, and all cove and shoe moulding.

**C-8010COVE**

Complete Set C-8010 Cove Moulding (60")  
C-8095 Profile

**C-8010SHOE**

Complete Set C-8010 Shoe Moulding (60")  
C-8085 Profile

**C-8015COVE**

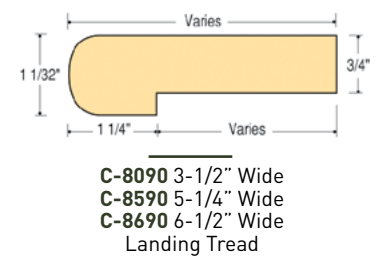
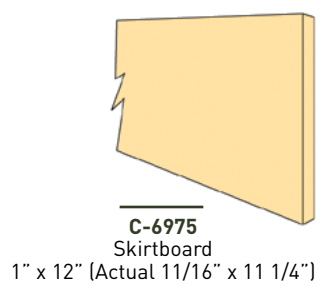
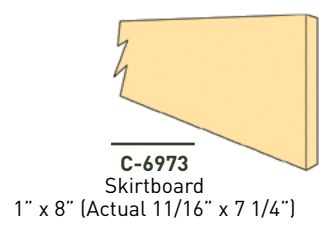
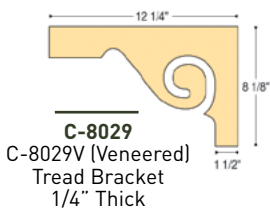
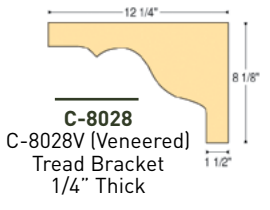
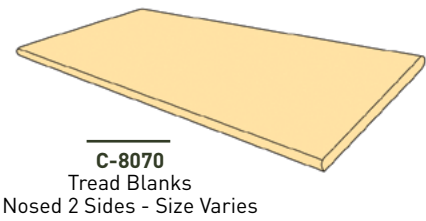
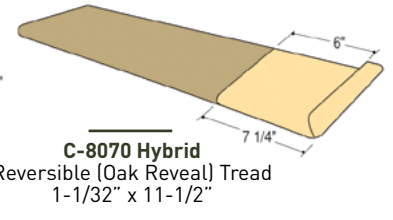
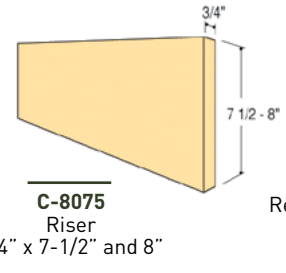
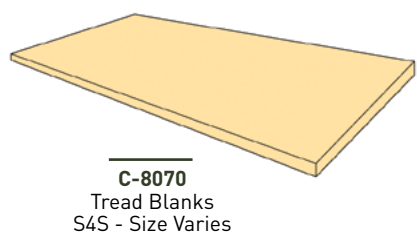
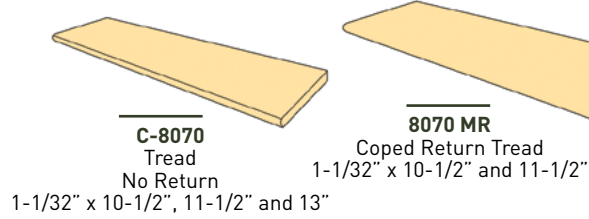
Complete Set C-8015 Cove Moulding (60")  
C-8095 Profile

**C-8015SHOE**

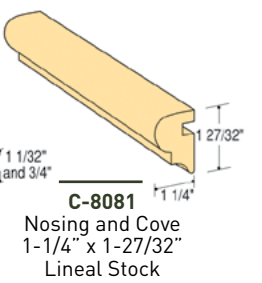
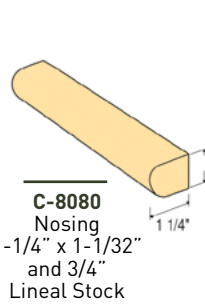
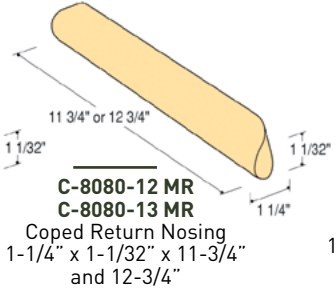
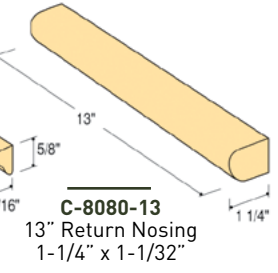
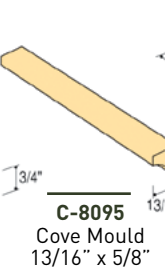
Complete Set C-8015 Shoe Moulding (60")  
C-8085 Profile

# Treads and Risers

The products in this section are manufactured under highly controlled standards for beauty that will last a lifetime. All are manufactured without the use of finger-joints, excluding landing tread (which may contain a single finger-joint in 14' and 16') and skirtboard.

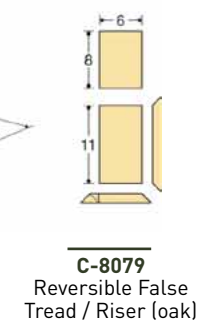
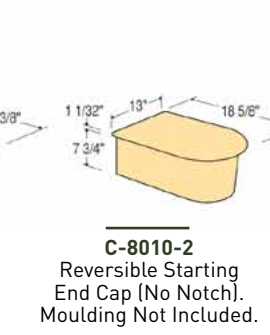
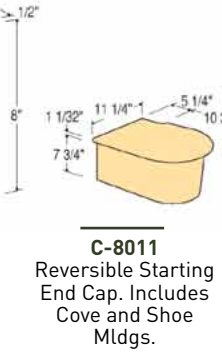
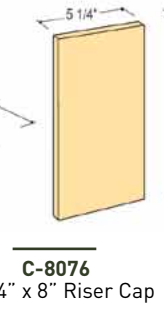
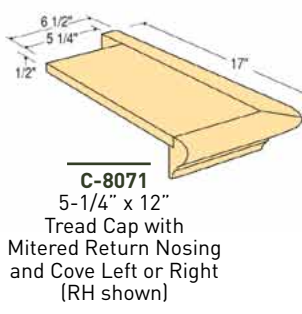


**BENDING LANDING TREAD**  
C-8596 - 5-1/4" 20 Piece  
C-8696 - 6-1/2" 26 Piece

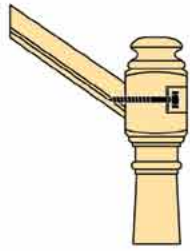


**ACCESSORIES**

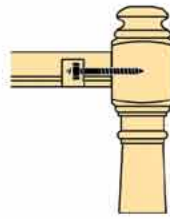
## Tread and Riser Caps



# Hardware and Accessories



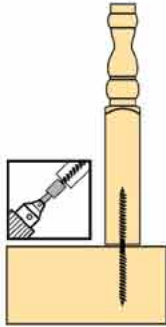
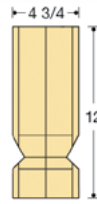
**C-3301**  
Rail & Post Fastener  
Includes Fastener,  
Washer, Nut and Plugs



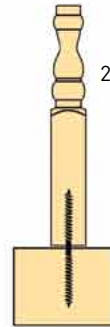
**C-3302**  
Rail & Post Fastener  
Includes Fastener,  
Washer, Nut and Plugs



**EZM-01**  
EZ mount for C-4091



**C-3201**  
Baluster Fastener  
Drill Driver Kit  
Includes — 4 Baluster Fasteners

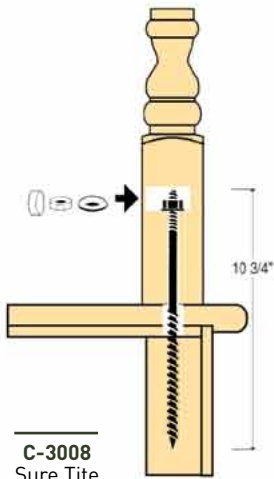


**C-3203 - 50 Pack**  
**C-3203 B - 100 Bulk Pack**  
2-1/2" Baluster Fasteners

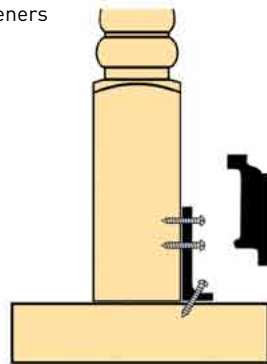
**C-3283**  
Key Lock  
2" x 2 5/8" x 3/8"



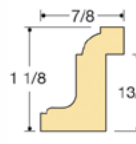
**C-3501**  
Newel Plate Fastener  
4-5/8" x 4-5/8". Includes  
Plate and 13, 3"  
Fastening Screws



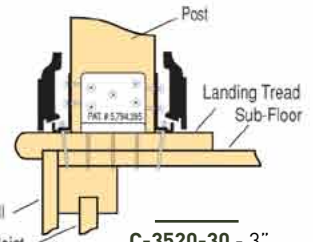
**C-3008**  
Sure Tite  
Newel Fastening  
System Includes -  
Lag Bolt, Washer,  
Nut and 1-1/2"  
Plugs



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

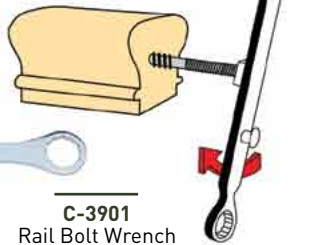


**400476**  
C-3501 Molding Kit (oak)



**C-3520-30 - 3"**  
**C-3520-325 - 3-1/4"**  
**C-3520-35 - 3-1/2"**  
Post Mounting System  
**C-3520TRIM**  
2'-0" Piece Colonial 4J Molding

ACCESSORIES



**C-3901**  
Rail Bolt Wrench



**C-3010**  
Flush Rail Plug  
1/2" Diameter



**C-3015**  
Button Plug  
1/2" Diameter



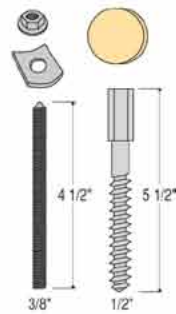
**C-3000**  
Flush Rail Plug  
1" Diameter



**C-3020**  
Button Plug  
1" Diameter



**C-3001**  
3-1/2" Rail Bolt



**C-3284**  
Thread Lock



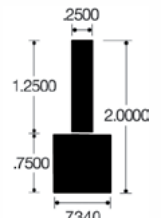
**C-3009**  
Newel Anchoring  
Hardware



**C-3099**  
Miter Jig

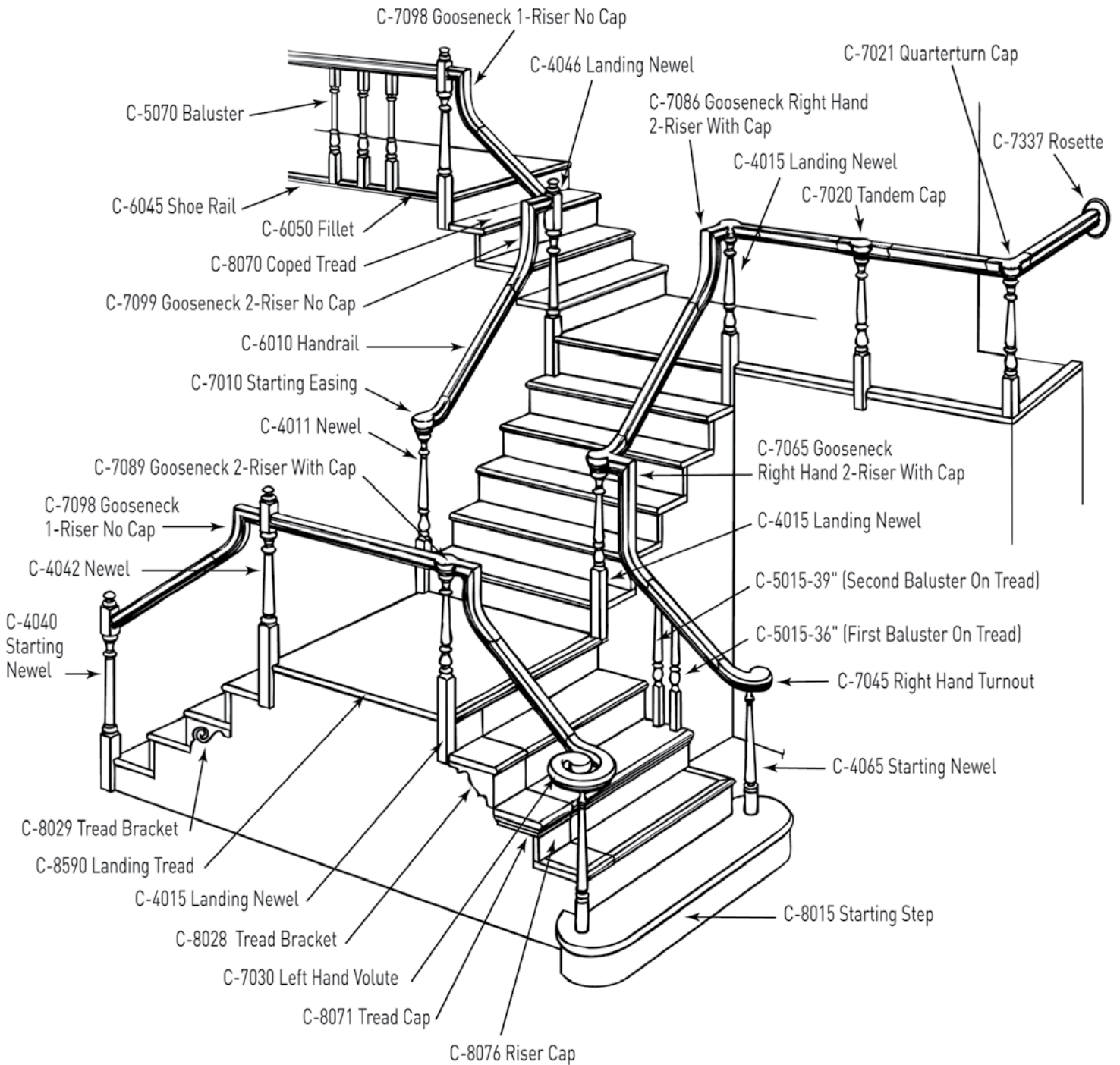


**C-3032**  
Rail Bolt Driver



**RP-100**  
Removable  
Pin  
(LB Balusters)

# Stair Anatomy

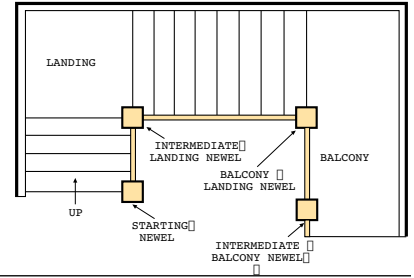


# Ordering Specifications for Newels

Check local building codes for required height and baluster spacing.

## 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.



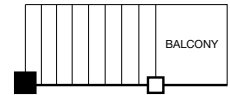
## POST-TO-POST NEWELS

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.



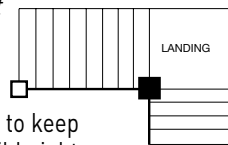
## STARTING NEWELS

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



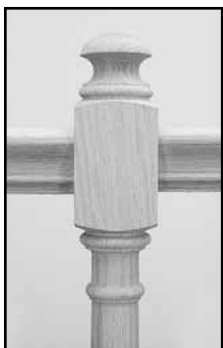
## INTERMEDIATE LANDING NEWELS

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.



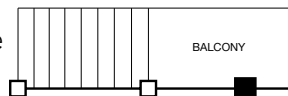
## BALCONY LANDING NEWELS

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.





# Ordering Specifications for Newels

Check local building codes for required height and baluster spacing.



All Over-the-Post newels are manufactured with a 3/4" diameter pin turned into the top of the newel that will be installed into the underside of the fittings used in the rail system.

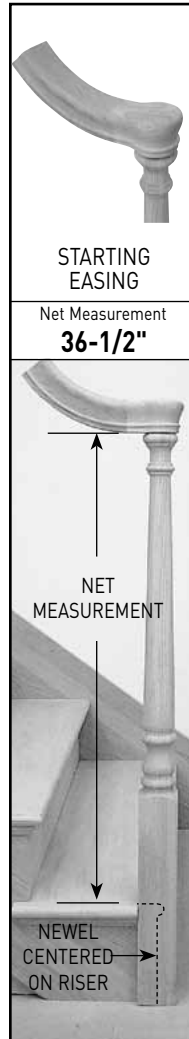
## OVER-THE-POST NEWELS

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)

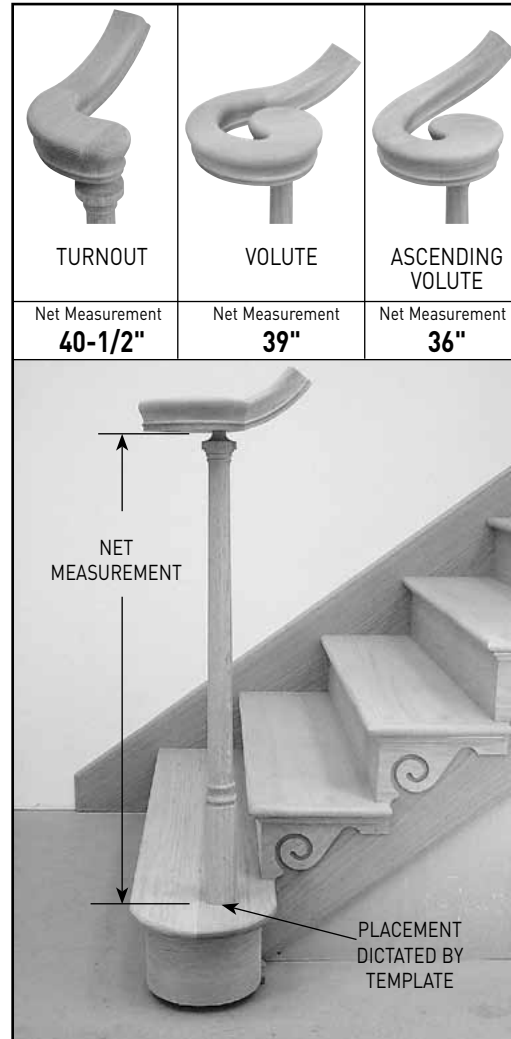


OTP newels are manufactured in both doweled bottom and square bottom designs. Doweled bottom newels have a 1-1/2" diameter dowel designed into the bottom of the newel that is used to install the starting newel into a starting step. The height of these newels cannot be adjusted, making correct specification critical in achieving desired rake rail height.



STARTING EASING

Net Measurement  
**36-1/2"**



TURNOUT

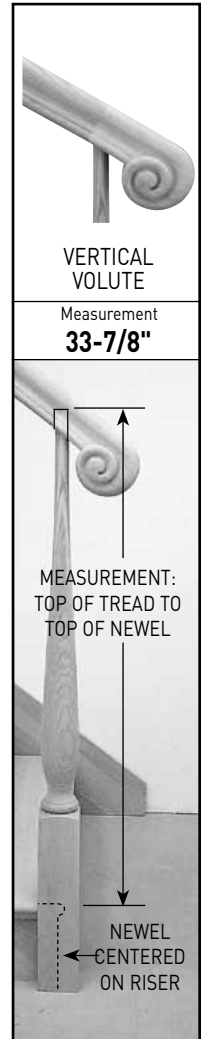
Net Measurement  
**40-1/2"**

VOLUTE

Net Measurement  
**39"**

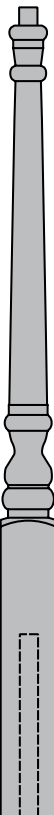
ASCENDING VOLUTE

Net Measurement  
**36"**



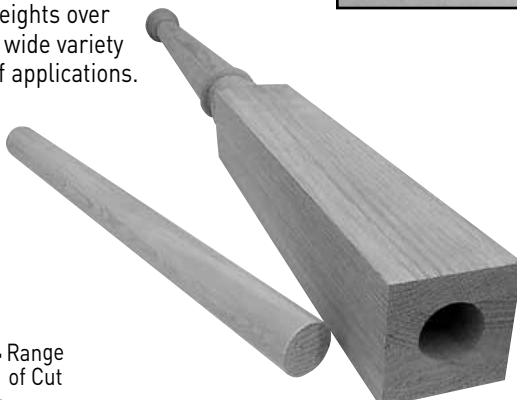
VERTICAL VOLUTE

Measurement  
**33-7/8"**



### ADJUSTABLE NEWELS

An option available in all WM Coffman families to the fixed length 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.



10"

4" Range of Cut

*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.*

# Ordering Specifications for Balusters

Check local building codes for required height and baluster spacing.

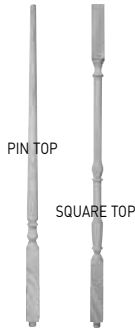
All balusters fall into one of the following categories:

**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.



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.



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

STARTING EASING	TURNOUT	VOLUTE	ASCENDING VOLUTE	VERTICAL VOLUTE
BALUSTERS UNDER STARTING FITTINGS				
QUANTITY - 1	QUANTITY - 2 C-7240, C-7245	QUANTITY - 6 1-1/4" SQUARE	QUANTITY - 6 1-1/4" SQUARE	QUANTITY - 1
	QUANTITY - 1 C-7241, C-7246	QUANTITY - 5 1-3/4" SQUARE	QUANTITY - 5 1-3/4" SQUARE	
LENGTH 39"	LENGTH 43"	LENGTH 41"	LENGTH 39"	LENGTH 39"

## BALUSTERS ON TREADS



FRONT BALUSTER - 36"

SECOND BALUSTER - 39"

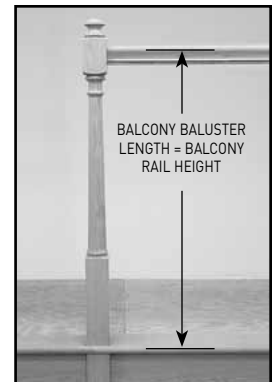
THIRD BALUSTER (optional) - 41"

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.*

## 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

1-1/4" BALUSTER SQUARE	1-3/4" BALUSTER SQUARE
4-1/2"	4-5/8"
	Exception: For 1-3/4" Pin Top Baluster with 5/8" diameter tops (i.e. C-5611) use: 4-1/2"

## 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.

# Ordering Specifications for Rails

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:

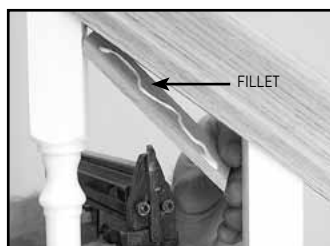
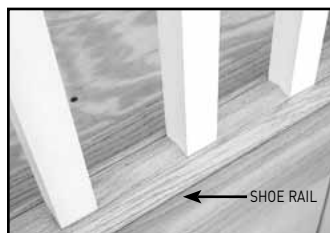
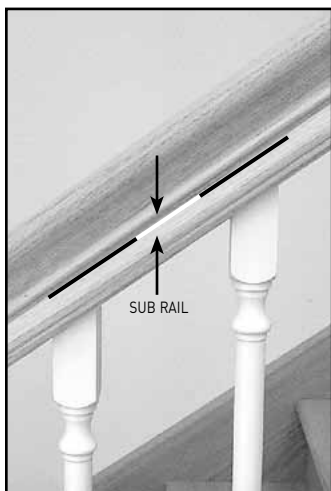
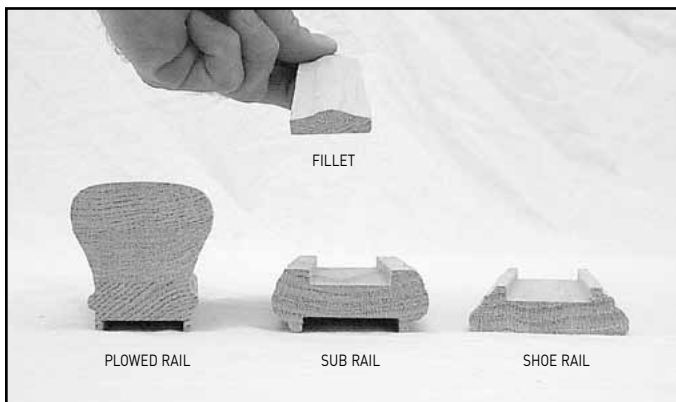
**Number of Treads x 13"** (rounded up to the nearest even length).



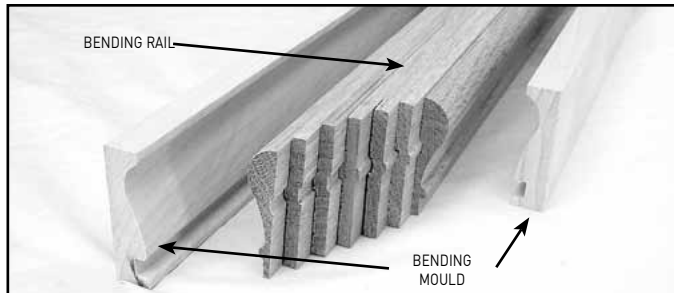
**PLOWED RAIL** is moulded with a recessed bottom for insertion of square top balusters.

**UNPLOWED RAIL** has a flat bottom that will be drilled for the insertion of pin top balusters.

**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 plies. 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.

BENDING RAIL MINIMUM RADIUS	RAKE RAIL	
	RAKE RAIL	BALCONY RAIL
TRADITIONAL C-6016	42"	48"
BRISTOL C-6116	48"	54"
CLASSIC C-6216	48"	54"
RICHMOND C-6416	48"	54"
MARION C-6716	48"	54"
CHIPPENDALE C-6716	48"	54"

# Ordering Specifications for Fittings

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

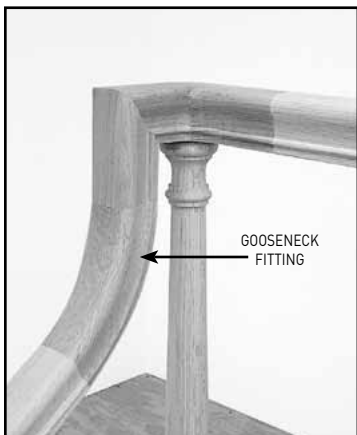
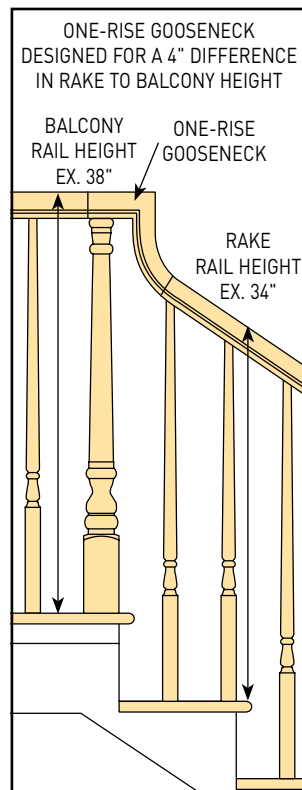
Fitting orientation is determined from the bottom of the stair looking up. All fittings in the photo to the right are right-hand.



### 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.



### CAP VS. NO CAP

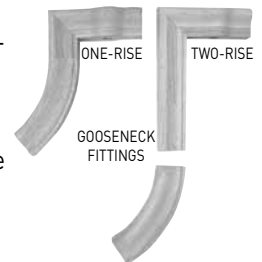
All fittings fall into two categories: (1) those designed and manufactured with a cap and (2) those manufactured without a cap.

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

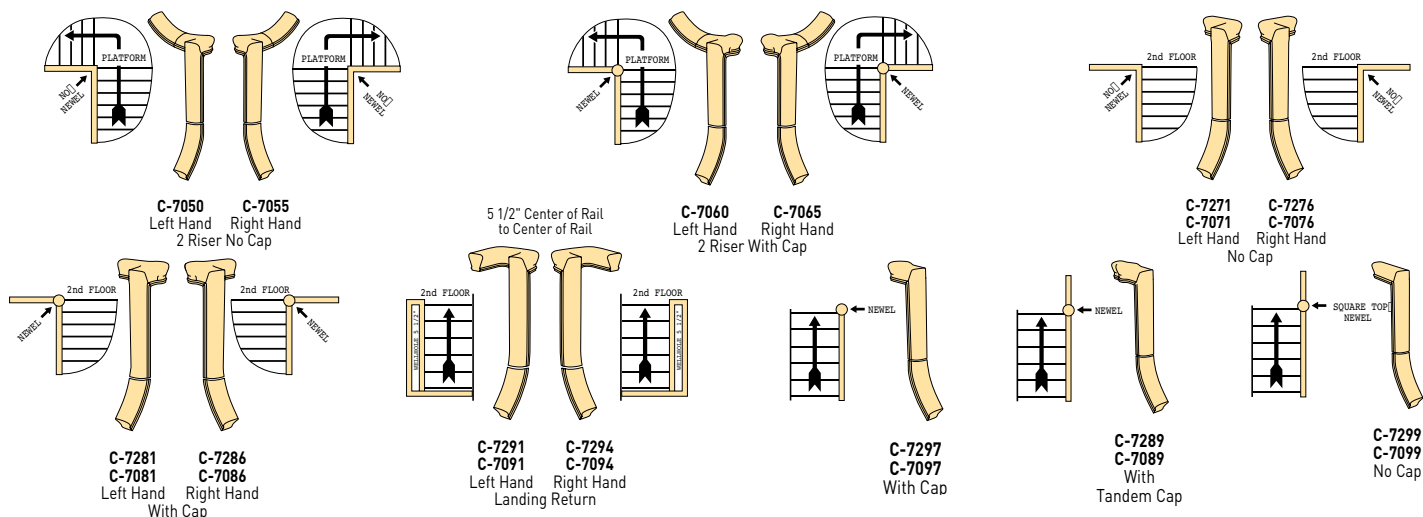
Most goosenecks are offered in both one-rise and two-rise versions. The one-rise gooseneck is manufactured with the lower easing attached and is limited to use on stairs where the difference in rake rail height to balcony rail height is 4" (Example: 34" rake rail height to 38" balcony rail height). The 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.



# Ordering Specifications for Fittings

Check local building codes for required height and baluster spacing.

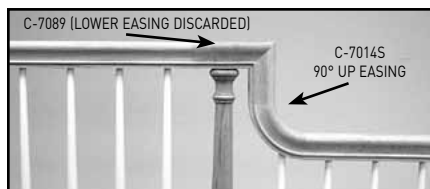
## SUGGESTED GOOSENECKS FOR SOME COMMON APPLICATIONS



## 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.

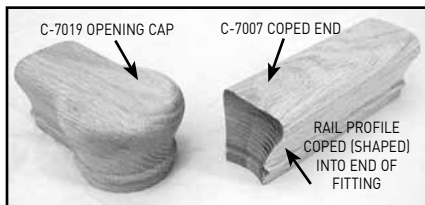
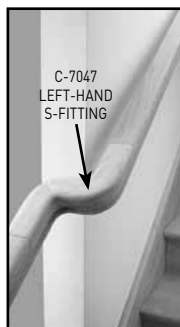


### 90° UP EASING

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).



### COPEDED ENDS

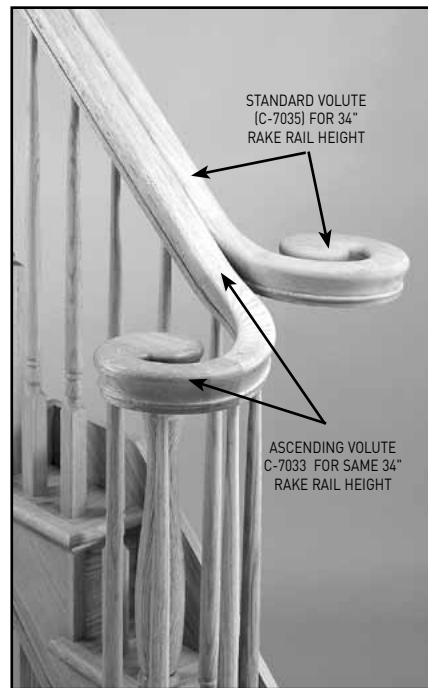
Some WM Coffman families contain a Coped End which is a fitting that has the profile of the rail shaped, or coped, into one end of a straight piece of rail. This fitting is used in conjunction with an opening cap (Example C-7019) or a gooseneck incorporating an opening cap (Example C-7097), to accommodate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

# “The Americans with Disabilities Act (ADA)” Compliant Components

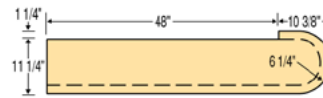


The following WM Coffman components are in compliance with the 2010 ADA Standards for Accessible Design:

Stair Component	Page
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## STARTING STEPS

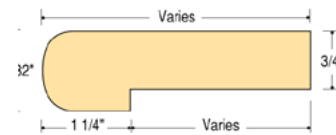
C-8010 .....	28
C-8015 .....	28
C-8016 .....	28
C-8030 .....	28
C-8050 .....	28



Shown here: C-8010

## TREADS AND RISERS

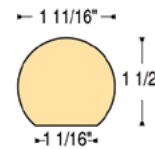
C-8070 (1- 1/32" x 11-1/2" and 13") .....	29
C-8070 MR (1-1/32" x 11-1/2") .....	29
C-8070 MR45 (3/4" x 11-1/2") .....	29
C-8090 / C-8590 / C-8690 Landing Tread .....	29
C-8080 Nosing (all) .....	29
C-8081 Nosing and Cove (all) .....	29



Shown here: C-8090 / C-8590 / C-8690 Landing Tread

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C-6042 Hand Rail .....	25



Shown here: C-6040 Hand Rail

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C-3621 .....	25
C-3622 .....	25
C-3631 .....	25
C-3632 .....	25



Shown here: C-3611

## FITTINGS

C-7005 .....	25
C-7023 .....	25
C-7024 .....	25
C-7025 .....	25



Shown here: C-7005

It is in your best interest to always check for updates to this material as regulations are added and modified over time. For information about the ADA, including the 2010 ADA regulations, please visit the Department’s website [www.ADA.gov](http://www.ADA.gov); or, for answers to specific questions, call the toll-free ADA Information Line at 800-514-0301

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