

FOR A BEAUTIFUL STAIR

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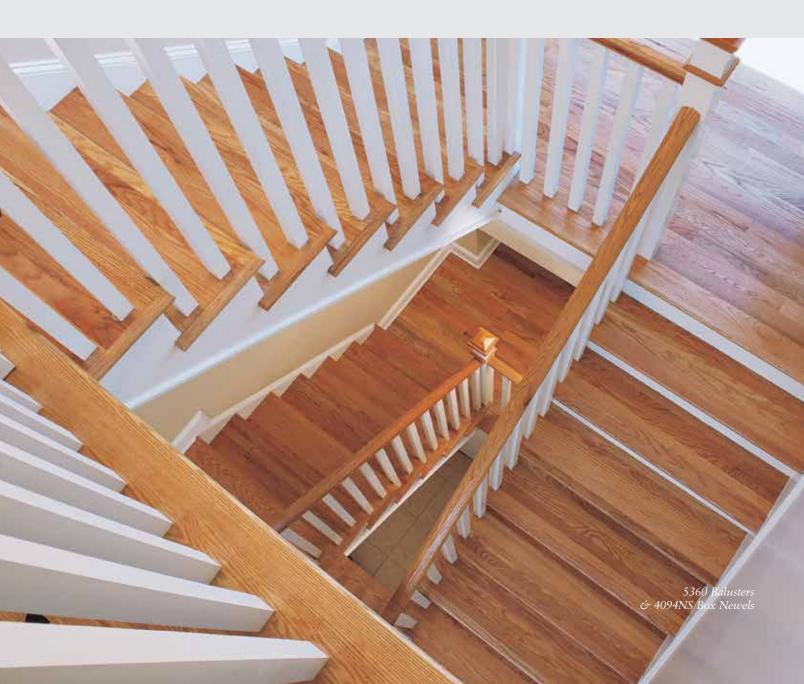
Note: Crown Heritage products are designed for interior use only.



# FOR A BEAUTIFUL STAIR

Make your stair the focal point of your beautiful home. Crown Heritage has beautifully designed wood and handcrafted forged iron collections that will accent any home design. From the beauty of the design to the unsurpassed craftsmanship, the exceptional stair products found within the pages of this book are where your beautiful stair can be found today.

# FOR A BEAUITIFUL HOME







# AS CREATE

# HAND CRAFTED

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

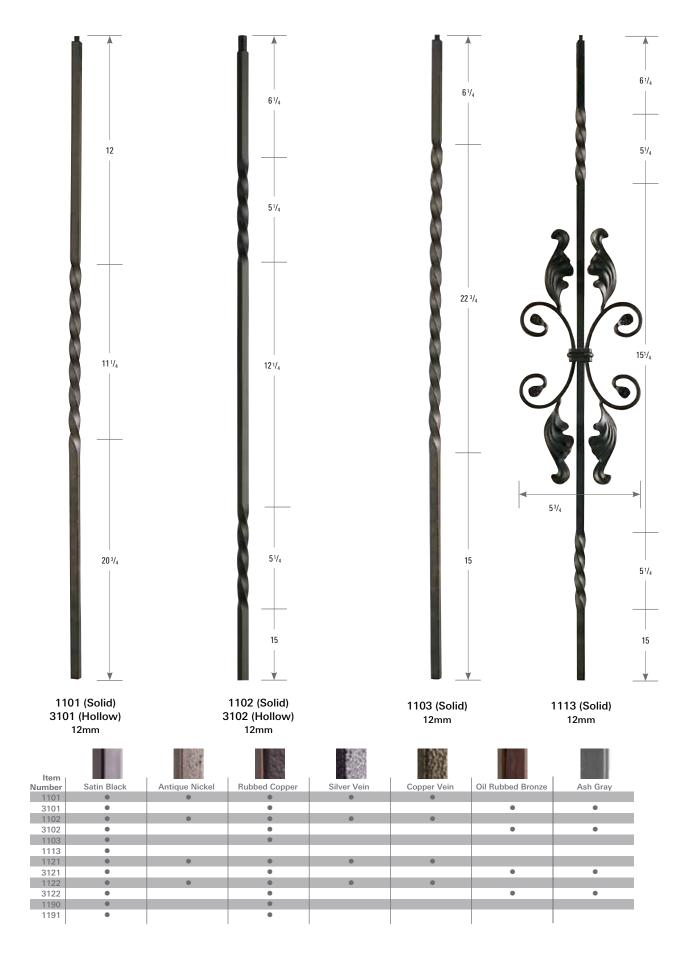






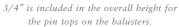
AVAILABLE IN SEVEN COLOR FINISHES

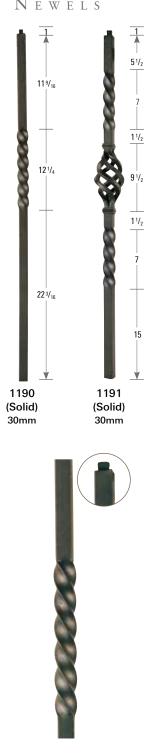
## PALERMO COLLECTION



### NEWELS







1190 Newel detail



### 36" Iron Balusters

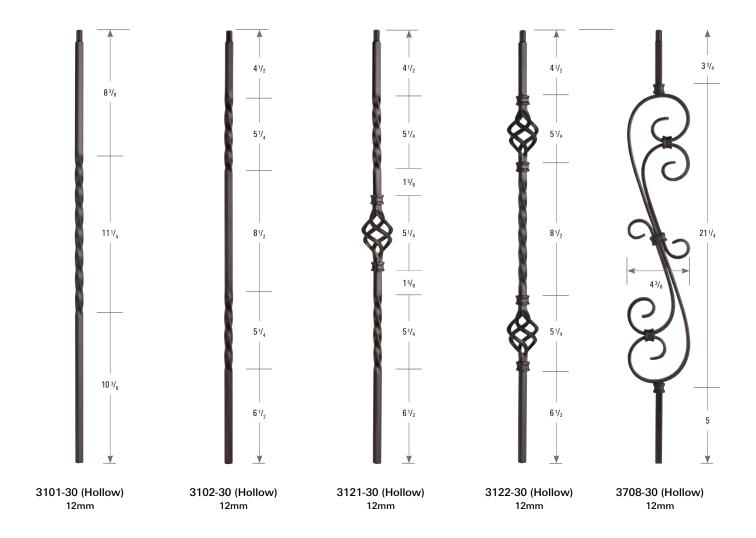
For your convenience 3101, 3102, 3121, 3122 and 3700 profiles are also available in 36" lengths. Ideal for balconies... just unwrap, install and go! Available in Satin Black.



Pictured here with 1101 & 1113 balusters and 1190 newel.



## KNEE WALL BALUSTERS



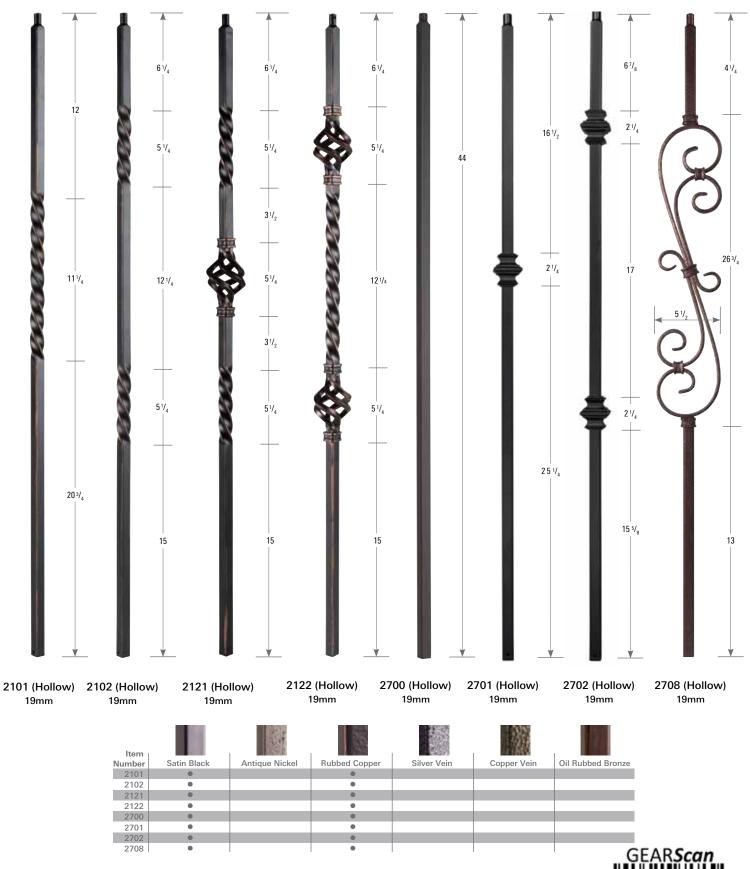
### 30" balusters are designed with tighter dimensions *specifically* for knee walls.

30" balusters are perfect for creating great visual style and alignment in a knee wall installation, while 44" balusters complement traditional landing heights.

Item						170
Number	Satin Black	Antique Nickel	Rubbed Copper	Silver Vein	Copper Vein	Oil Rubbed Bronze
3101	•		•			
3102	•		•			
3121	•		•			
3122	•		•			
3708	•		•			

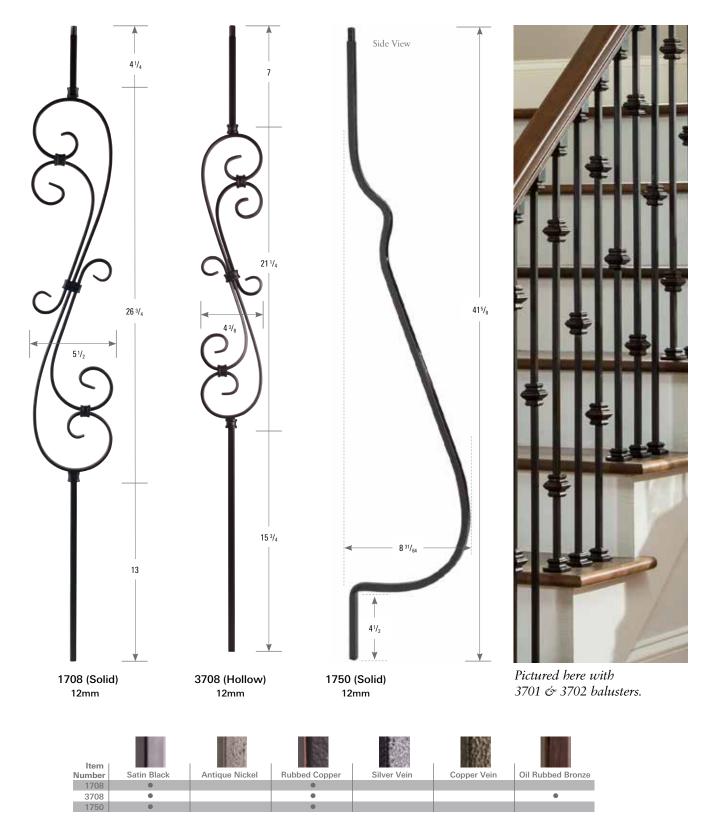


### EXTRA LARGE HOLLOW BALUSTERS



## SICILY COLLECTION





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

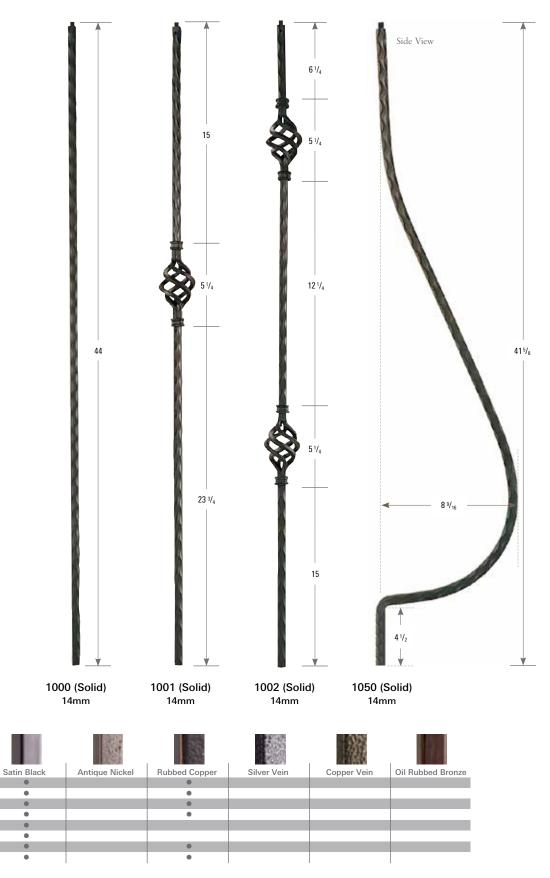


# MILAN COLLECTION

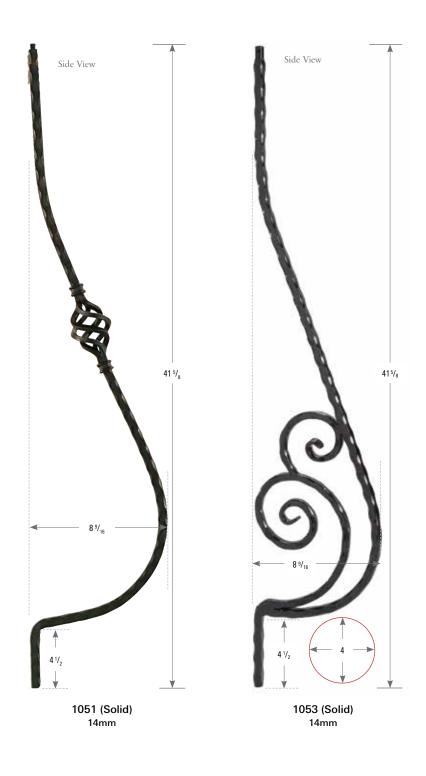
Item Number

1001 1002

 .



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

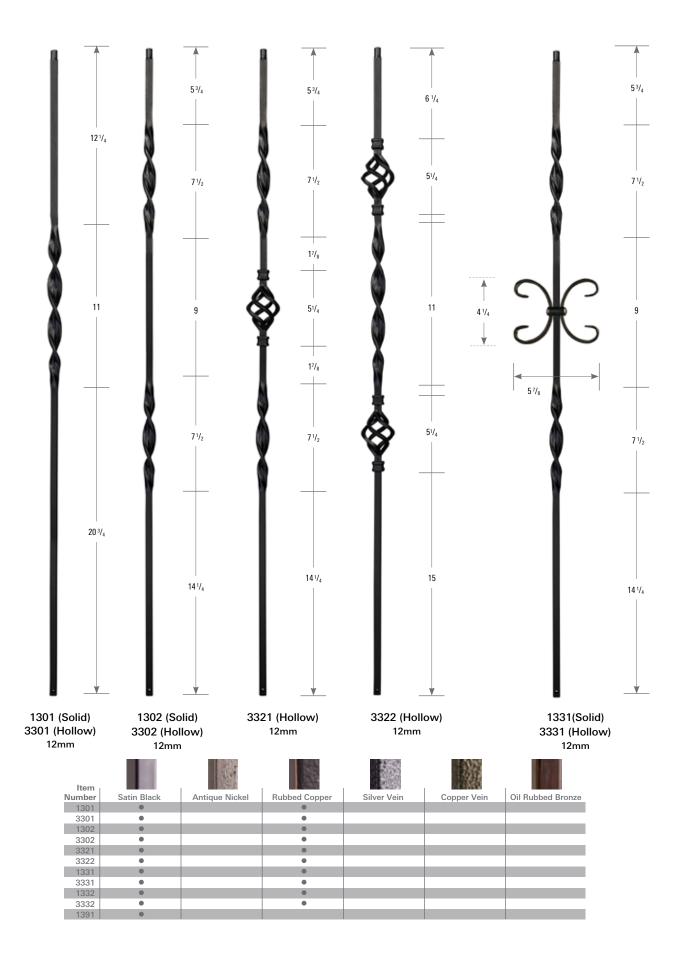


3/4" is included in the overall height for the pin tops on the balusters.





## VICENZA COLLECTION



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





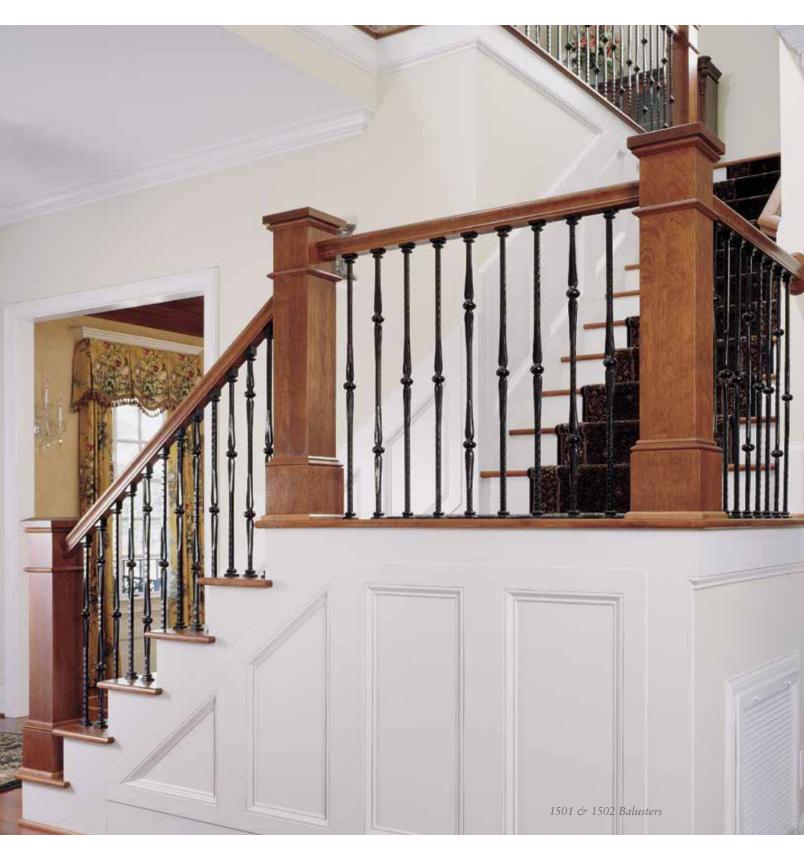
3/4" is included in the overall height for the pin tops on the balusters.



## MARSALA COLLECTION



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



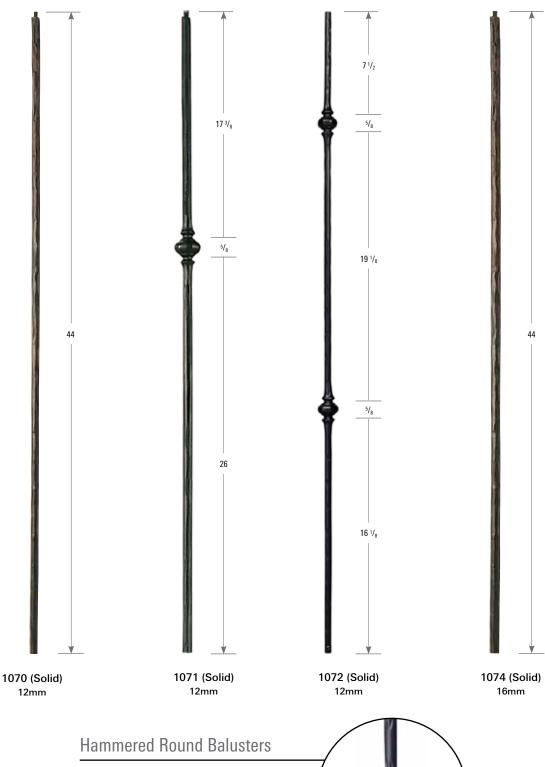
3/4" is included in the overall height for the pin tops on the balusters.



## FLORENCE COLLECTION

SOLID IRON BALUSTERS ONLY





NOTE: 1070, 1071, 1072 and 1074 are hammered round therefore square shoes are not required. Any round iron baluster can be installed in round drilled holes and secured with Crown Heritage Epoxy.

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





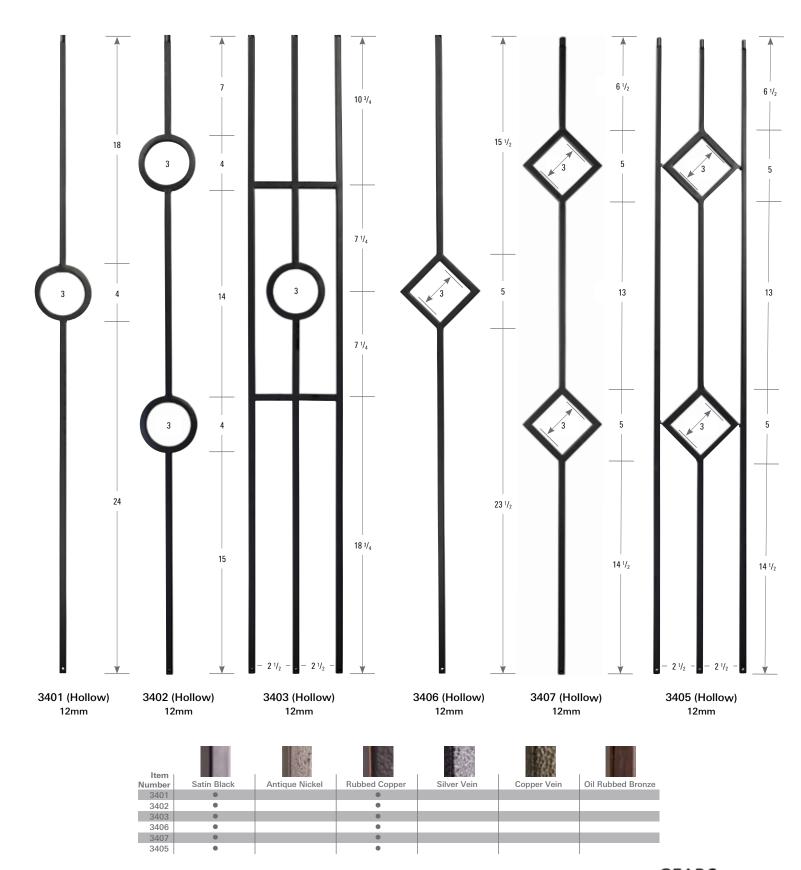
### ROMA COLLECTION

AVAILABLE IN BOTH SOLID & HOLLOW BALUSTERS



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

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





# ADD ACCESSORY IRON TO STRAIGHT BARS

Design Your Own Accessory Iron Staircase Style

#### ACCESSORY IRON NOT SHOWN TO SCALE

Note: Accessory Iron available in Satin and Rubbed Copper only.



1867 12mm 14mm 19mm



1866 12mm 14mm 19mm



1865 12mm 14mm 19mm



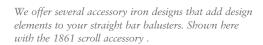
1864 12mm 14mm 19mm



1863 12mm 14mm 19mm



1861 12mm 14mm 19mm

















1866/2700

# IRON COMPONENTS

#### FORGED IRON SHOES



1811 (12mm) FB/RC/NK/CV/SV 1812 (14mm) FB/RC/NK 2811 (19mm) FB/RC



1816 (12mm) FB/RC 1817 (14mm) FB/RC



1821 (12mm) FB/RC/NK/CV/SV 1822 (14mm) FB/RC/NK 2821 (19mm) FB/RC

#### IRON KNUCKLES



1831 (12mm) FB/RC/NK/CV/SV 1832 (14mm) FB/RC



1835 (12mm) FB/RC/RB Use with Straight Bars

#### LIGHTWEIGHT KNUCKLES & SHOES



3831 (12mm) FB/RC/RB/AG



3811 (12mm) 3812 (14mm) FB/RC/RB/AG



3816 (12mm) 3817 (14mm) FB/RC/RB



3821 (12mm) 3822 (14mm) FB/RC/RB/AG

### Newel Hardware

### Forged Iron Newel Cover



1842 (30mm)



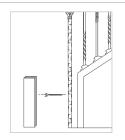
1843 Newel installation hardware.



1844 (30mm) Use with 1843



1846 (30mm)



To be used with the forged iron newels when installed on a knee wall.

#### HARDWARE





3039 Epoxy Refill Used with 3038 gun



3038 Epoxy Gun



3137 6-Pack Epoxy Tips Use with 3139



3139 15 Minute Epoxy Works in standard caulking gun (Tips not included)

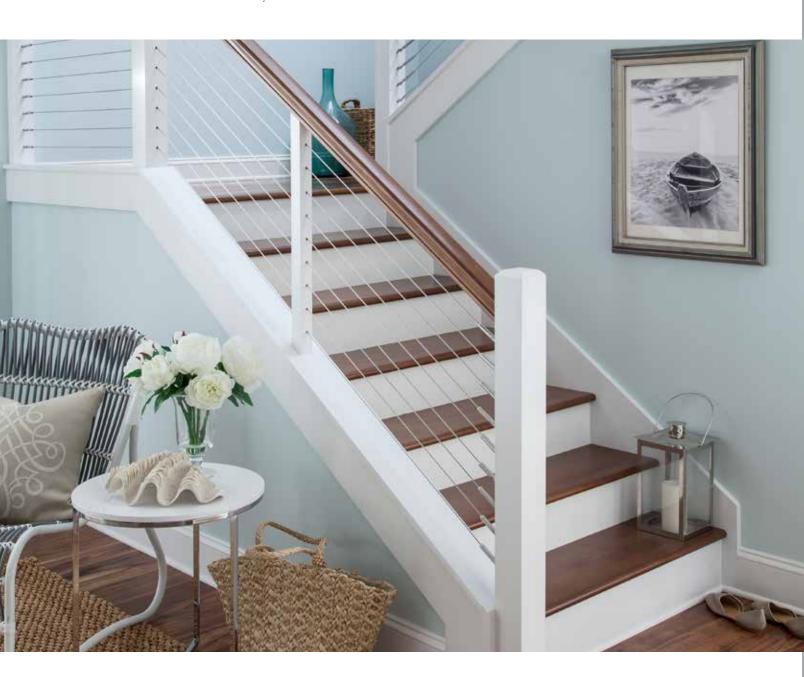








Open up your view! Cable railing is attractive, strong, and virtually maintenace free. Better yet, cable doesn't obstruct your view. The fittings are made of marine grade stainless steel so they can be used for exterior decks or interior stairs. Our fittings are designed especially for railings. So, unlike other cable fittings you may see, our fittings are sleek with no bulky clamps, rough edges or exposed cable ends. Crown Heritage Cable Systems are simple to install, come in convenient pre-cut kits and have four Push Lag (Part# 3059) Use with the 102 or 262 when you do not



### **102 SERIES**

Outside to outside post mount. Budget friendly and can be used on level runs or stairs.





### **262 SERIES**

Outside to outside post mount. Can be used on level runs or stairs.



### **500 SERIES**

Inside to inside post mount. Use on stairs.







### **300 SERIES**

Inside to inside post mount. Use on level runs.







# CAB LEGISTAND ACCESSORIES



Cable Braces Use a brace every 48". Measures 3/4" x 3/4" x 42". Level runs (Part#4213) Pre-drilled 3-1/8" on center.

Stair runs (*Part#4200*) Undrilled, includes angle bracket.access to (*Available in both Anodized or Black*)

Note: Brace can also be an extra post or baluster.

Cable Release (*Part#3066*)
Releases cable from locking fitting before tensioning,



0

Bevel Washer (*Part#3026W*) Use with 102 or 262 when drilling your post on an angle. (*Sold 4 per pack.*)

Post Protector (*Part#3061*)
Stainless Steel insert. Protects the post at areas where cable enters/ exits on an angle.
(*Sold 4 per pack*.)





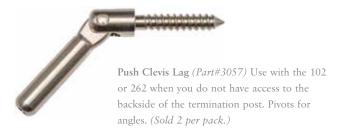
Cleaner (Part#3067) Cleans and protects from extreme conditions.

WHICH SERIES BEST FITS YOUR NEEDS?



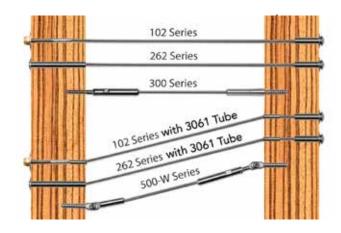


Push Lag (*Part#3059*) Use with the 102 or 262 when you do not have access to the backside of the termination post. (*Sold 2 per pack.*)



Stainless End Caps (*Part#3063*) Use with the 102. Caps for stud end. (*Sold in packs of 10.*)





# S P J P A J S TAIRWAYS

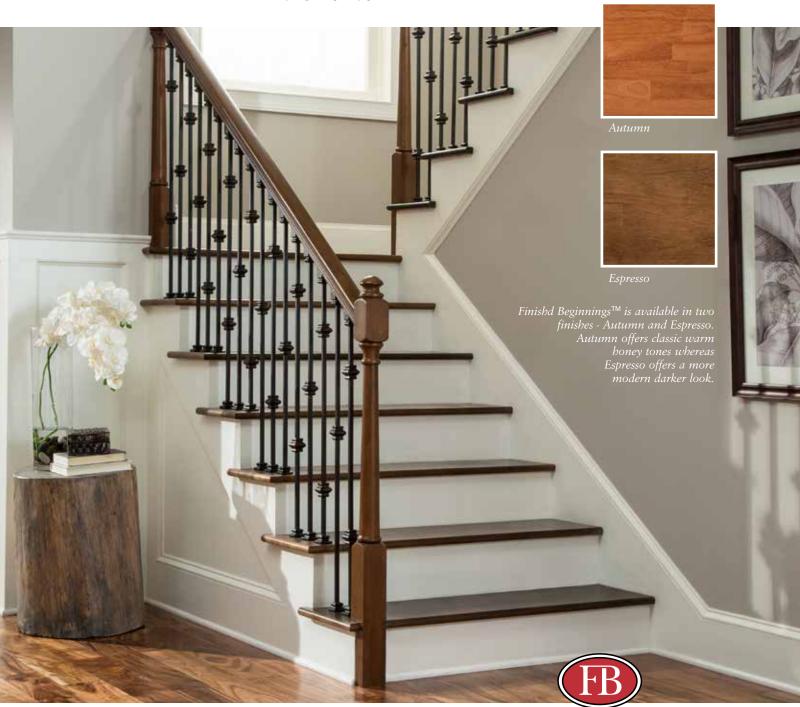
Crown Heritage Spirals are designed to your specifications and completely assembled at the factory with a custom formed handrail, then re-packaged for easy assembly at the job site. Crown Heritage Spiral Stairs provide an easier installation and a more appealing look than typical kit stairs. Choose from 20 models. See all models and options at www.crownheritage.com.





# FINISHED BEFREINISHEI

Let Crown Heritage simplify your project. Finished Beginnings™ from Crown Heritage is a line of prefinished newels, handrails, treads and accessories. Going prefinished means less time on the jobsite which decreases cost. No on-site finishing eliminates harmful chemicals, dust and odors. Finished Beginnings™ uses a furniture grade finish which creates a look and feel of a noticeably higher quality product.



Finished Beginnings<sup>TM</sup> Espresso treads, matching 4040 newel and 6010 handrail featured with 3701 and 3702 iron balusters.

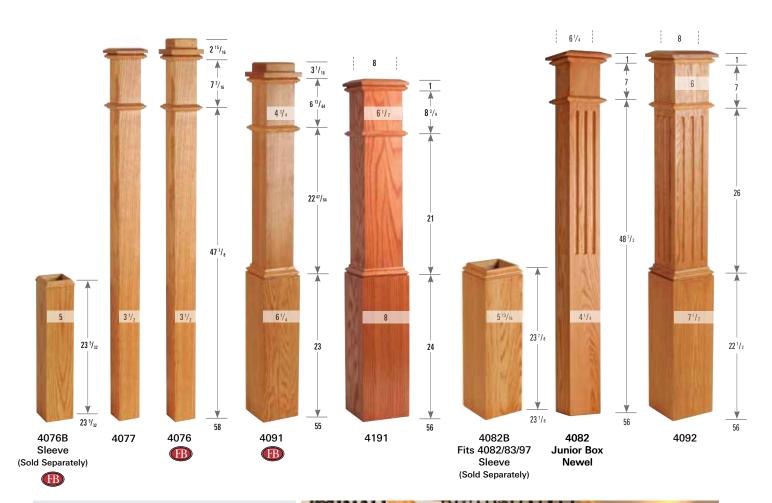


B = Notes item is available prefinished, in addition to standard unfinished.





### STAIN GRADE BOX NEWELS



## Interchangeable Newel Cap System

4091, 4191, 4082, 4083, 4092, 4093, 4096, 4097 and 4098 box newels come with two interchangeable caps.



**Bevel Cap** 

Square Cap

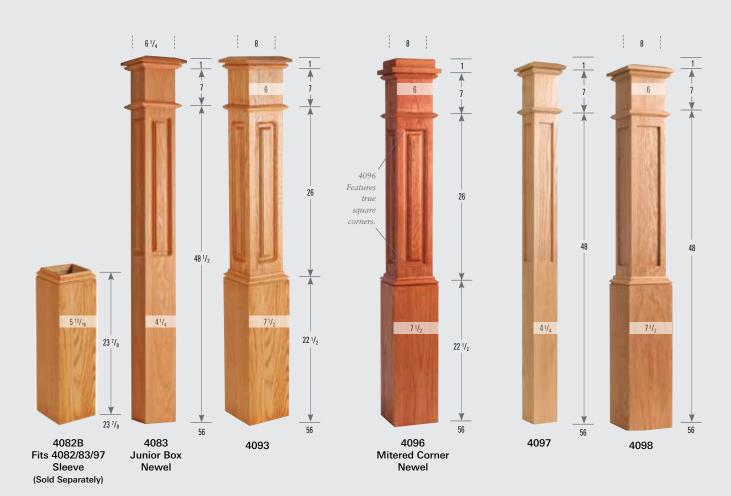


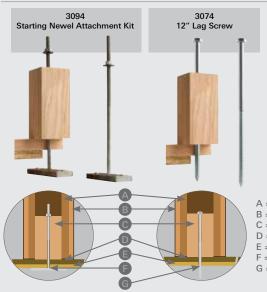




= Notes item is available prefinished, in addition to standard unfinished.

All dimensions in inches unless specified.





3094 assembly is required when a floor is hollow and no joist is available.

3074 is required for joist installations. This 12" lag screw ensures a stronger bond with the joist.

Warning: Standard 10" lag screws are not long enough to provide as secure a bond with the floor joist.

- A = Hollow Bottom Box Newel
- B = Sleeve
- C = Installation Block D = Finish Floor
- E = Sub-floor F = Starting Newel Attachment Kit
- G = 12" Lag Screw

Box Newel Details								
Hollow Bottom Newels	Installation Blocks	Sleeve	Two caps					
Product #								
4082	Included	Order Separate	Included					
4083	Included	Order Separate	Included					
4091	Included	Included	Included					
4092	Included	Included	Included					
4093	Included	Included	Included					
4096	Included	Included	Included					
4097	Included	Order Separate	Included					
4098	Included	Included	Included					
4191	Included	Included	Included					

See page 64 for more newel hardware details.





#### THE ABOVE 4" & 5" NEWELS HAVE SOLID BOTTOMS

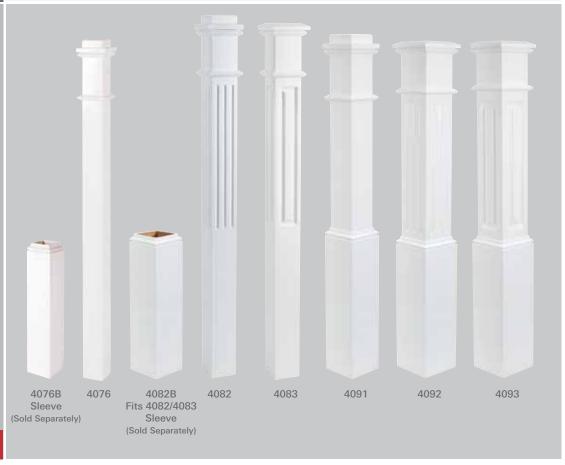
Recommended installation hardware is 3072 or 3073 found on page #64

TRIM KITS 5 7/16 4094/4095 trim kit species options To be used with NCT newels 493/8 493/8 4094CT Maple 4094CT Cherry 4094CT Beech 4095CT Maple 4095CT Cherry 4095CT Beech 58 4095NSF. 4095 4094. 4094NSF. 4094F, 4094NCT, 4095F, 4095NCT 4094NS, 4094FNCT 4095NS, 4095FNCT

## PRIMED BOX NEWELS

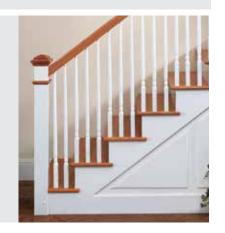
#### PRIMED BOX NEWELS





#### AFFORDABLE STYLE

Our patented<sup>†</sup>, factory-primed Box Newels offer the same finish as our primed balusters for less installation time. Starting at under \$100, our factory-primed Box Newels are affordable and beautiful upgrades from the industry-standard look.



## Interchangeable Newel Cap System

4082, 4083, 4091 4092 and 4093 primed box newels come with two interchangeable caps.





Bevel Cap

Square Cap



# CROWN SYSTEM®

# SYSTEM

The ingenious Crown System from Crown Heritage provides the ability to line up the rings or square top balusters along the rake of the rail while, at the same time, keeping the bottom squares of the balusters parallel with the tread. Only the Crown System is architecturally correct to ensure true, proper installation alignment resulting in visual perfection and style.

Easier installation, perfect start-to-finish baluster alignment, reduced labor costs, and increased efficiency —what more could you ask for?





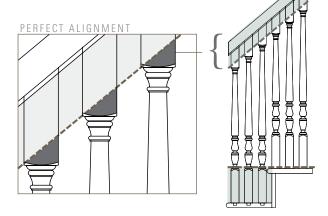
#### ONLY THE CROWN SYSTEM HAS PERFECT ALIGNMENT

Designed to meet building codes, the Crown System is an industry-first, stair system that visually aligns standard balusters with the rake of the rail and the tread—something no other traditional stair system has been able to achieve in a 34" traditional rake rail height. From complying with the building codes to easier installation and reduced labor costs, the Crown System offers a smooth start, perfect finish, and industry-leading technology of perfect alignment.

#### CROWN SYSTEM

The Crown System visually aligns balusters with the rake of the rail and the tread.

- Creates visually perfect alignment
- Provides ease of installation
- Reduces labor costs



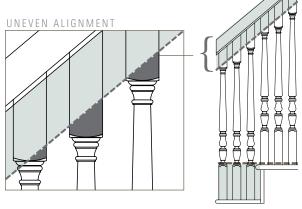


Perfect alignment no other manufacturer can provide.

#### Competitors System

Competitors system cannot provide perfect alignment of balusters with the rake of the rail and the tread.

- Uneven alignment
- Blocks are different lengths
- Installation challenges
- No cost savings





The competition's uneven alignment

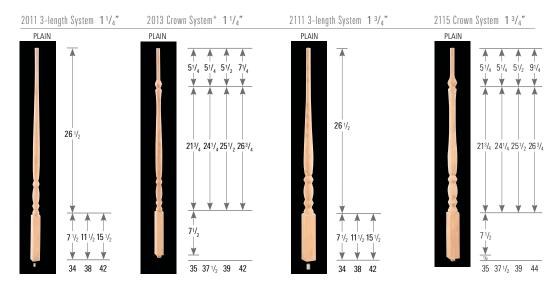


## SIERRA COLLECTION

HANDRAILS-NOT PLOWED



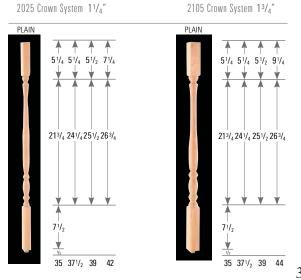
#### PIN TOP BALUSTERS



HANDRAILS-PLOWED



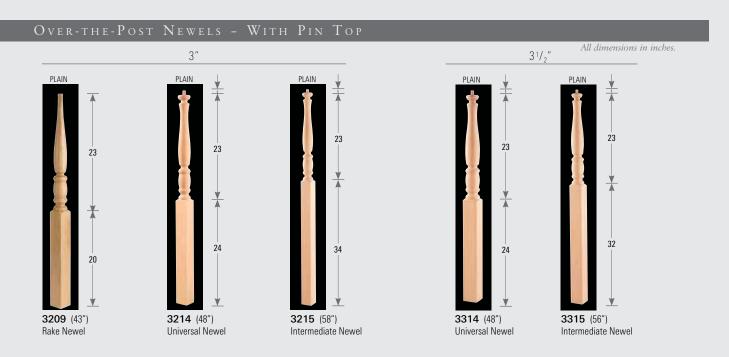
#### SQUARE TOP BALUSTERS

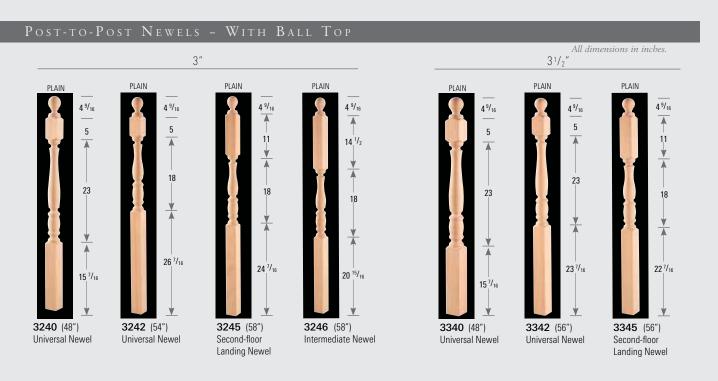


Note: Use 35", 37½" and 44" lengths when using three balusters on a tread. Use 35" and 39" when using two balusters on a tread.



The Sierra Collection is reminiscent of 18th century Spanish Colonial charm with its classic and bold character. The collection's well-balanced proportions and strong design make Sierra an enduring classic for any home.







## WILLIAMSBURG COLLECTION

#### HANDRAILS-NOT PLOWED





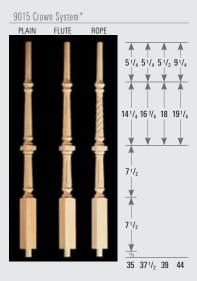




6310

6519

6210 6100



Note: Use 35", 371/2" and 44" lengths when using three balusters on a tread. Use 35" and 39" when using two balusters on a tread.



Williamsburg Post-to-Post

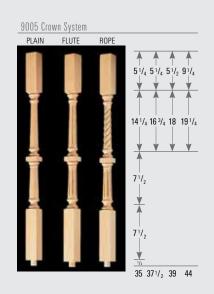
#### HANDRAILS-PLOWED













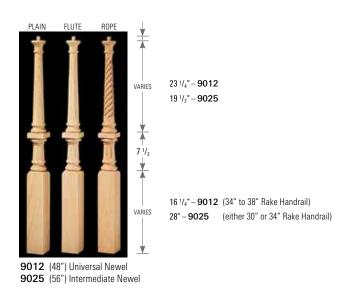


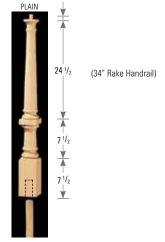
#### WILLIAMSBURG COLLECTION

Found in many houses on The National Register of Historic Homes, the Williamsburg Collection is reminiscent of an age of hospitality and style in Colonial America. The balusters' strategically aligned architectural squares give the stairway a graceful, elongated appearance. The pineapple finial on the Post-to-Post newels is the historic symbol of friendship. Choose from Plain, Flute and Rope designs.

#### Over-the-Post Newels - $3\frac{1}{2}$ With Pin Top

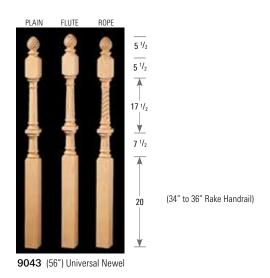
All dimensions in inches.

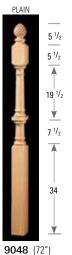




9013 (40<sup>1</sup>/<sub>2</sub>") Volute Newel Dowel is removable.

#### Post-to-Post Newels - 31/2" With Pineapple Top





9048 (/2") Intermediate & Second-floor Landing Newel

Note: Due to the historic nature of the Williamsburg Collection, all Post-to-Post newels have a 5½" top block. This will require a gooseneck fitting to be used at the intermediate landing and second-floor landing.





## 1800s COLLECTION

HANDRAILS-NOT PLOWED









PIN TOP BALUSTERS

1815 Crown System\* 13/4" 1825 Crown System  $2^{1/4}$ " REED<sup>1</sup> OCTAG. PLAIN 22 241/2 253/4 27 22 241/2 253/4 27

HANDRAILS-PLOWED











6519P

6210P

6005P

35 371/2 39 44

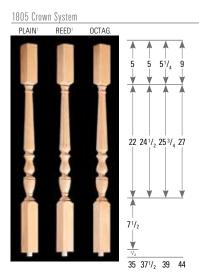


1800s Over-the-Post

Note: Use 35",  $37^{1}/_{2}$ " and 44" lengths when using three balusters on a tread. Use 35" and 39" when using two balusters on a tread.

#### Square Top Balusters - $1^{3}/_{4}^{\circ}$

35 37 1/2 39 44





43

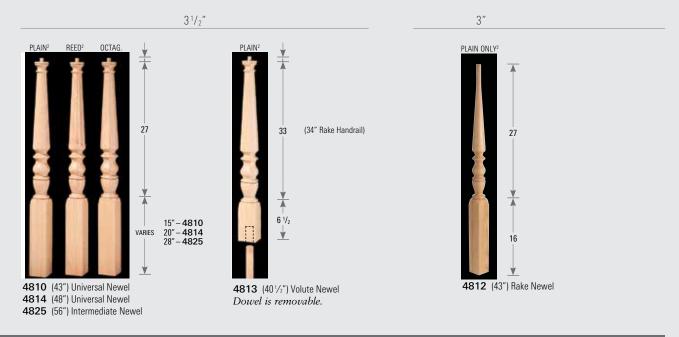
1800s Post-to-Post

<sup>1</sup>Available in Mahogany

The 1800s Collection blends simplicity of design with the strength of wood. Characterized by its classic double vase design and lamb's tongue drop shoulder, the stairway vividly recalls an era of inspired architecture and gracious living. Choose from Plain, Reed and Octagonal designs.

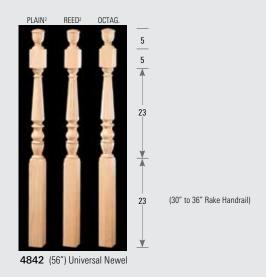
#### Over-the-Post Newels - With Pin Top

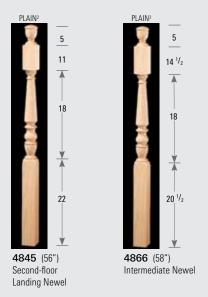
All dimensions in inches.



#### Post-to-Post Newels - 31/2" With Urn Top

All dimensions in inches.







## CAROLINA COLLECTION

#### HANDRAILS-NOT PLOWED







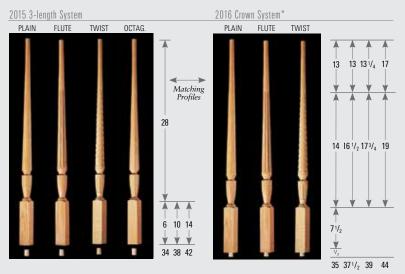


6310

6519

3210

Pin Top Balusters - 13/4'



HANDRAILS-PLOWED









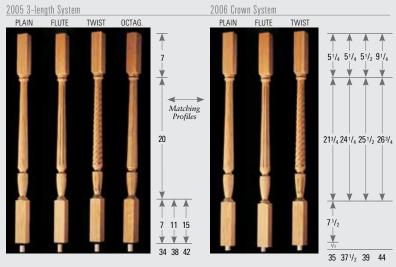
6310P

6519P

6210P

6005P

Souare Top Balusters - 13/4"





2016 Fluted Balusters

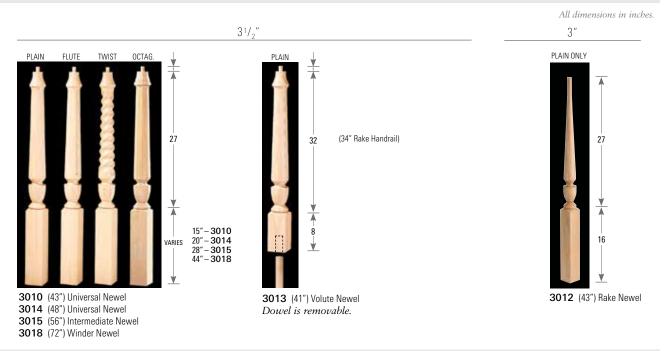
Note: Use 35", 371/2" and 44" lengths when using three balusters on a tread. Use 35" and 39" when using two balusters on a tread.





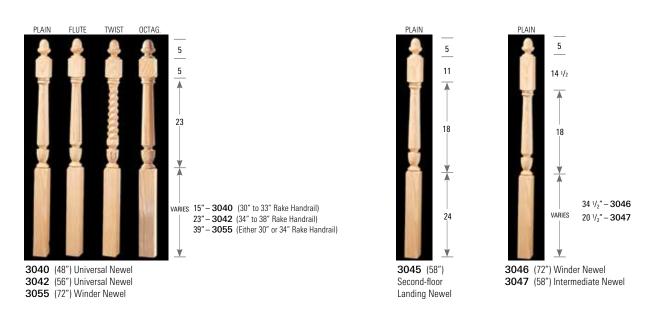
The Carolina Collection, with its refined reminiscence of the Georgian and Greek Revival architecture, becomes an eloquent expression of Old-World romance. Defined by the baluster's elongated vase, this stairway brings 19th century elegance to your home. Choose from Plain, Flute, Twist and Octagonal designs.

#### Over-the-Post Newels - With Pin Top



#### Post-to-Post Newels - 31/2" With Acorn Top

All dimensions in inches.





## JEFFERSON COLLECTION

#### HANDRAILS-NOT PLOWED



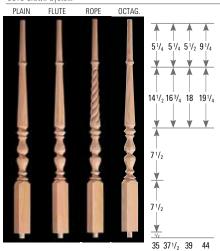






PIN TOP BALUSTERS -  $1\frac{3}{4}$ "

8515 Crown System\*





Jefferson Over-the-Post

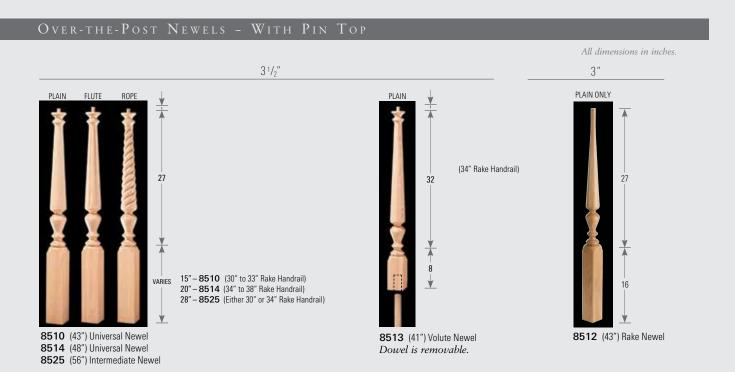
Note: Use 35", 371/2" and 44" lengths when using three balusters on a tread. Use 35" and 39" when using two balusters on a tread.



Note: Square top balusters are not available with the Jefferson Collection.

Jefferson Post-to-Post

The Jefferson Collection recalls an era inspired by art, science and revolutionary thought. Slender and intricately crafted, the balusters are distinguished by their graceful "hourglass" double vase.



#### Post-to-Post Newels - 31/2" With Spade Top

PLAIN

5 1/4

11

11

18

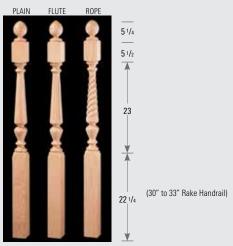
18

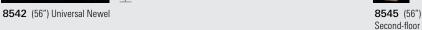
18

20 1/4 (30" to 33" Rake Handrail)

8545 (56")

8547 (58") Intermediate Newel







All dimensions in inches.

Landing Newel

## HAMPTON COLLECTION

#### HANDRAILS-NOT PLOWED

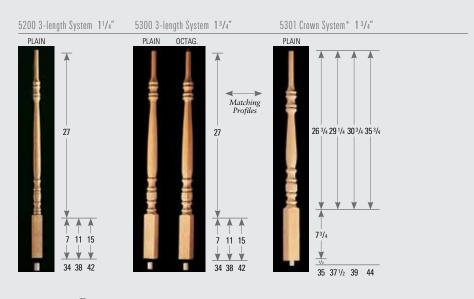








#### PIN TOP BALUSTERS



5200 Balusters & 4270 Newel

HANDRAILS-PLOWED



6310P 6519P



6210P

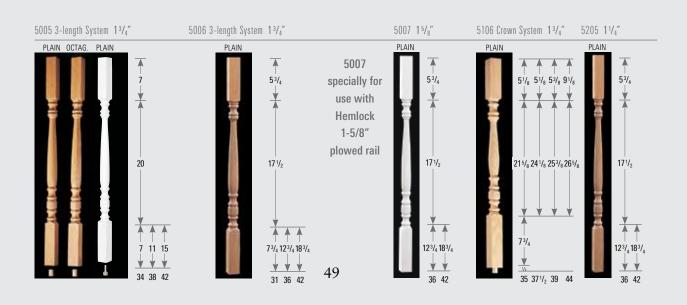


6005P

Hampton Over-the-Post

Note: Use 35", 37½" and 44" lengths when using three balusters on a tread. Use 35" and 39" when using two balusters on a tread.

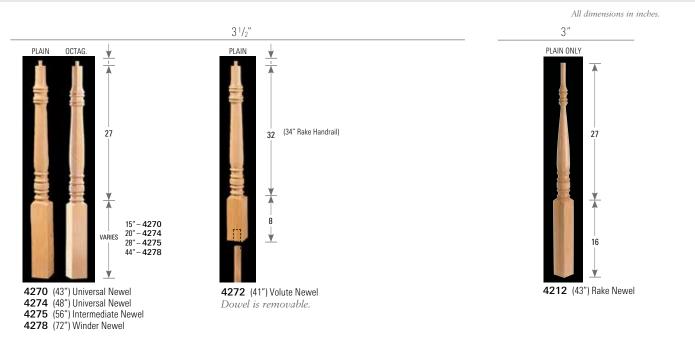
#### SOHARE TOP BALLISTERS



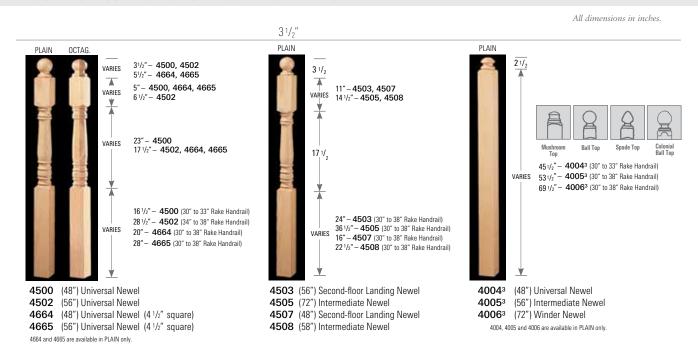


Masterful dimensions and stalwart beauty define the Hampton Collection. This 20th century style is created for homeowners who prefer a strong, substantial stairway at a reasonable price.

#### OVER-THE-POST NEWELS - WITH PIN TOP



#### POST-TO-POST NEWELS - WITH BALL TOP



<sup>3</sup>4004, 4005, 4006 are available with Mushroom Top, Ball Top, Spade Top or Colonial Ball Top Finial.



## COLONIAL COLLECTION

#### HANDRAILS-NOT PLOWED



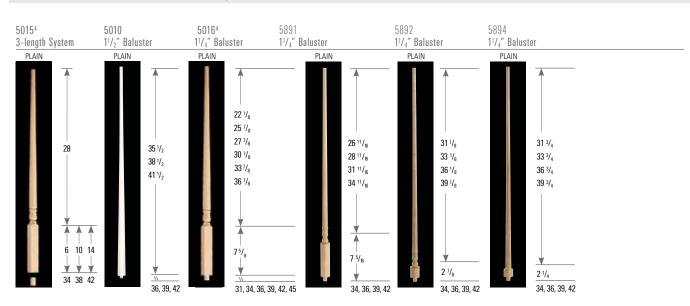






6310

PIN TOP BALUSTERS - 11/4"



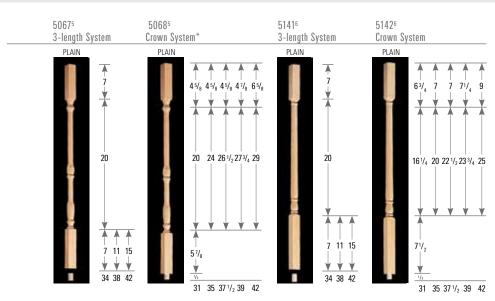
HANDRAILS-PLOWED

Note: Use 35", 37½" and 42" lengths when using three balusters on a tread. Use 35" and 39" when using two balusters on a tread.



6010P

#### SQUARE TOP BALUSTERS - 11/4"



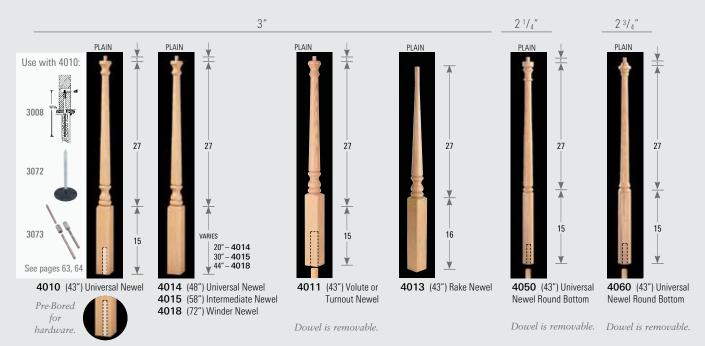


Colonial Post-to-Post

45015 and 5016 have matching profiles. 55067 and 5068 have matching profiles. 65141 and 5142 have matching profiles. The Colonial Collection is a tradition directly from 19th century America. This stairway's classic proportions and understated design lend charm and character to any home's decor.

#### OVER-THE-POST NEWELS - WITH PIN TOP

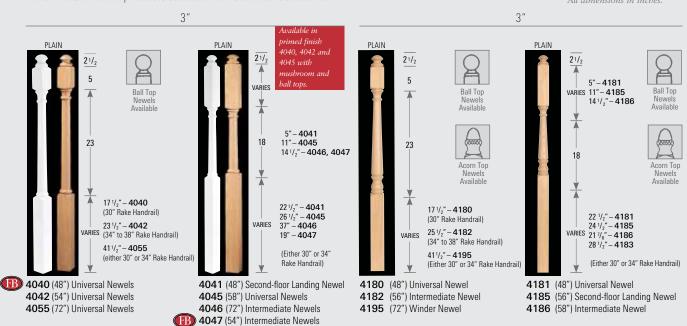
All dimensions in inches.

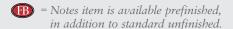


#### Post-to-Post Newels

\*Note: Mushroom top newels standard on Colonial Collection.

All dimensions in inches.

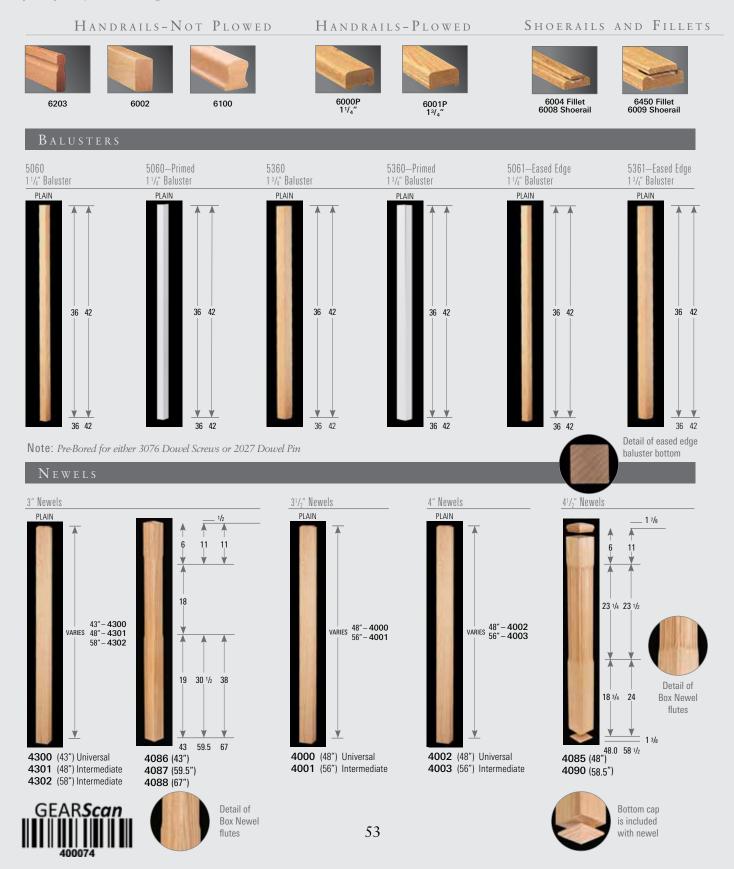






## CLASSIC COLLECTION

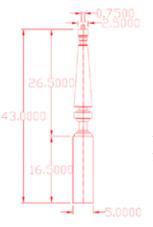
The Classic Collection is an understated symphony of planes and angles. The long, square balusters can be installed two ways: on the outside of the handrail for a fresh, modern effect, or beneath the handrail for a look inspired by the principles of Federal design.



# CRAFTSWORKSHOP



From curved rail for balconies to custom treads or steps, Crown Heritage can manufacture a range of custom products specific to your building project. We plan and design drawings based on your staircase specifications or from your drawings. We can produce your design in any of our available hardwood species.



Whether it is a duplicate of a historical part or your own unique custom design, Crown Heritage can manufacture newels and balusters to your specifications with our Locatelli Copy Lathe.

#### THE WIDEST SELECTION OF WOOD SPECIES ON QUICK TURNAROUND



Our wide selection of wood species is easy and convenient for builders, designers, architects, and dealers to add the beauty of rich wood style to any stair project. Choose from our 15 stock lumber species or let us find that exotic lumber species for you.



Yellow Birch

Yellow Pine

White Oak

# INGS & COMPONENTS

#### &















9 1/4 R



7008 7208 4" Coped End

7009/7109 7209/7309 7509 4" Returned End

7010/7110 7210/7310 7510 Starting Easing 7011/7111 7211/7311 7511 90° Level Quarter Turn

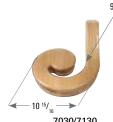
7011S-LH 7111S-LH 7211S-LH 7311S-LH 43/4" Offset Rail

7011S-RH 7111S-RH 7211S-RH 7311S-RH 43/4" Offset Rail

7212/7312 7512 60° Up Easing 7013/7113 7213/7313 7513 Over Easing



#### &



7030/7130 7230/7330 7530 Left-hand Volute



7035/7135 7235/7335 7535 Right-hand Volute



703090 723090 733090 90° Left-hand Volute



703590 723590 733590 90° Right-hand Volute



7031/7231 Left-hand Rising Volute

7075/76

7175/76

7275/76

7376

7576

Right-hand

1 or 2 pc. Riser

No Cap



7036/7236 Right-hand Rising Volute



7040/7140 7240/7340 7540 Left-hand Turnout



#### GOOSENECKS



7050 7250 7550 Left-hand 2 pc. Riser No Cap



7055 7255 7555 Right-hand 2 pc. Riser No Cap



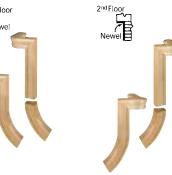
7060 7065 7260 7265 7160 7165 7360 7365 7560 7565 Left-hand Right-hand 2 pc. Riser 2 pc. Riser

With Cap

With Cap



7070/71	
7170/71	
7270/71	
7371	
7571	
Left-hand	
1 or 2 pc. Riser	
No Cap	



7080/81 7180/81 7280/81 7380/81 7580/81 Left-hand 1 or 2 pc. Riser With Cap



7085/86 7185/86 7285/86 7385/86 7585/86 Right-hand 1 or 2 pc. Riser With Cap



7014/7114 7214/7314 7514 90° Up Easing



7015 7215/7315 7515 Starting Easing Returned End



7016 7216/7316 7516 Over Easing Returned End



7018 7218/7318 Plain Cap

**≪**—3 ¹/₂—➤



7019/7119 7219/7319 7519 Opening Cap



Tandem Cap

7021/7121 7221/7321 7521 90° Level Quarter Turn Cap

702135 712135 722135 732135 135° Level Cap

7022 Straight Coped End



7045/7145 7245/7345 7545 Right-hand Turnout



7041/7141 7241/7341 7541 Left-hand Turnout



7046/7146 7246/7346 7546 Right-hand Turnout



7032 Vertical Volute







7300 Series Fittings 1 25/8 1\_ match 21/46310 - Rail Profile





7088/89 7188/89 7288/89 7388/89 7588/89

1 or 2 pc. Riser With Cap



7090/70902 7190/71902 7290/72902 7390/73902 7590/75902 Left-hand 1 or 2 pc. Riser

51/2" Offset

To Center of Rail

7095/70952

7195/71952 7295/72952 7395/73952 7595/75952 Right-hand 1 or 2 pc. Riser 51/2" Offset To Center of Rail



7091/70912 7291/72912 7391/73912 7591/75912 Left-hand 1 or 2 pc. Riser With Cap

51/2" Offset To Center of Rail



7092/70922 7292/72922 7392/73922 7592/75922

Right-hand 1 or 2 pc. Riser With Cap 51/2" Offset To Center of Rail

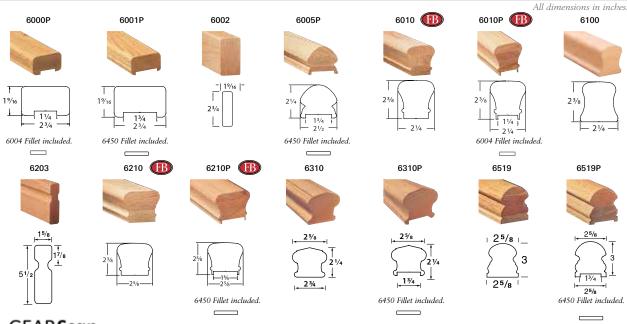




7098/99 7198/99 7298/99 7398/99 7598/99 1 or 2 pc. Riser No Cap

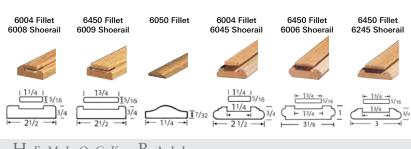
13

#### HANDRAILS





#### FILLETS SHOERAILS 8



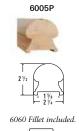
#### HEMLOCK RAIL



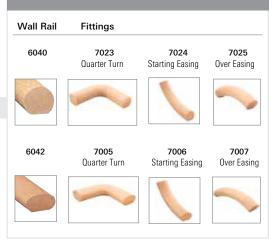






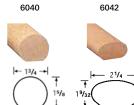






#### WALL RAILS

#### RAILS BENDING Moulds











6210B







6519B









Starting steps are shipped with cove and shoe moulding. Single Bullnose Starting Steps are reversible and can be cut for shorter lengths.

#### Tread Thickness / Riser Codes

80XX = 1-1/32" Stain grade Tread / 7" Stain grade Riser

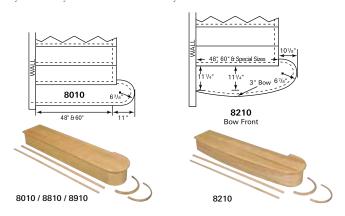
88XX = 1-1/32" Stain grade Tread / 8" Paint grade Riser

#### T 0- D N 1 1 1000

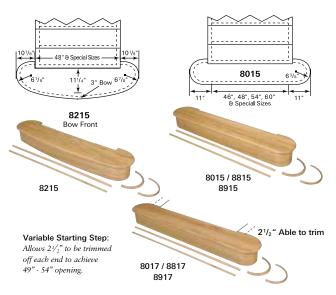
89XX = 13/16" Stain grade Tread / 8" Paint grade Riser

#### Use With Volute and Turnouts

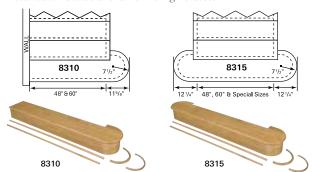
8210 and 8215 should be used only with an Over-the-Post system. Any volute or turnout may be used.



Use 8010 and 8015 with 6010, 6100 and 6210 turnouts or volutes.

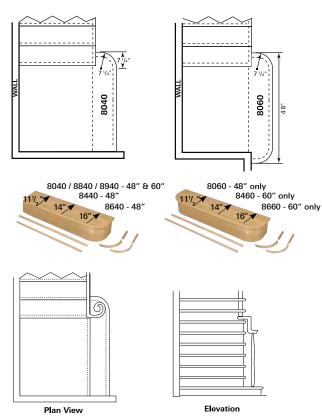


Use 8310 and 8315 with 6210, 6310 and 6519 turnouts or standard volutes and all climbing volutes.

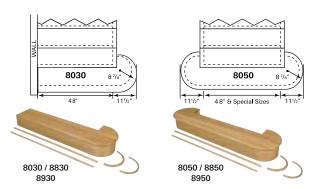


## Use With Square Top & Box Newels and 90° Starting Fittings

Use 8040 and 8060 when placing any Post-to-Post starting newel at second riser. Use 8440, 8460, 8640 and 8660 when the starting fitting utilizes a 90° up easing. Use 8440 and 8460 with 6010 and 6210 or 6100 volutes. Use 8640 and 8660 with 6210, 6310 and 6519 turnouts or volutes.

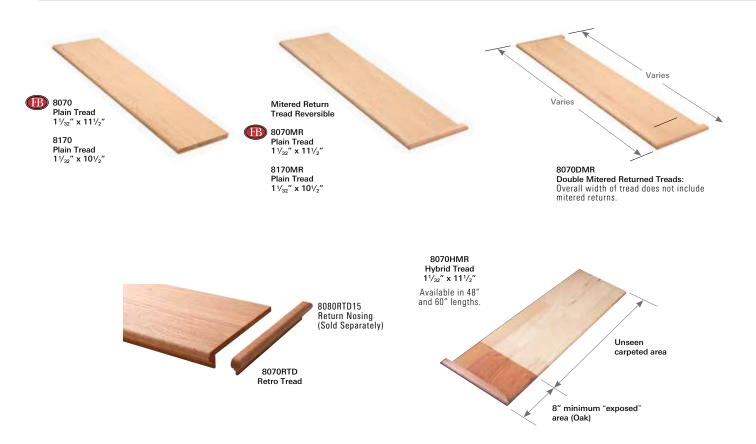


Use With Box Newels—Use 8030 and 8050 with Box Newels.

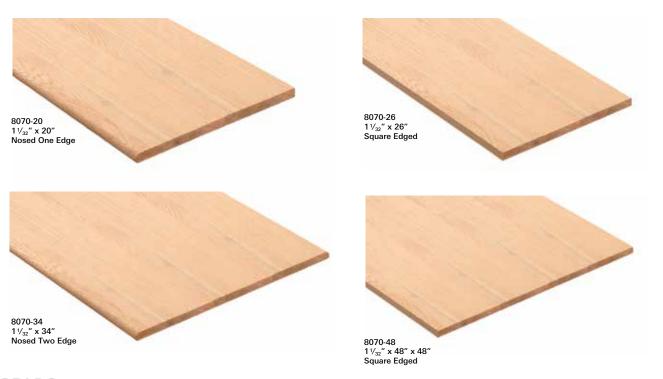




#### T r e a d s



#### TREAD BLANKS





#### SKIRTBOARDS



8073 Primed MDF Profiled Skirtboard 3/4" x 111/4" x 16'





#### RISERS



#### LANDING TREAD



Oak Skirtboard—Oak Veneer on one face, solid Oak edge-glued, fingerjointed panel substrate

Maple Skirtboard—Maple Veneer on one face, solid Maple edge-glued, fingerjointed panel substrate

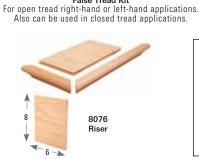
Poplar Skirtboard—Solid Poplar edge-glued, fingerjointed panel White Oak—Solid White Oak edge-glued, fingerjointed panel Oak Lineal Riser—Solid Oak edge-glued, fingerjointed panel

				1 Ck						Stain Grade F	ak	ine
			Oak	ilian	7	077	le	FY.	11	Ğ	е О	w P
Model	Description	Size	pa	raz	her	Iick	1ap	(D)	ndo,	tain	Vbit	ello,
	•		×	В	U	7	<	<	Ь	S		>
8070-48	Tread Blank	48 x 48 48"	V									
0070	Disin		Χ	_				_	_			
8070	Plain	1-1-32" x 11-1/2" 36"	V				V					
		42"	X	Х		Х	X	Х	Х	Х	Х	$\dashv$
		48"	X	Х	Х	Х	X	Х	X	Х	X	Х
		54"	X	Х	Λ	Х	٨	^	^	^	^	^
		60"	X	^	Χ	^	Χ	Х	Х	Х	Χ	Χ
		72"	X		Λ	_	X	^	^	^	^	^
		96"	X	-			X	-		$\vdash$		$\dashv$
		144"	X	-			٨	-		$\vdash$		$\dashv$
		192"	Х	-				-		$\vdash$		$\dashv$
8070-20		Plain 20" Deep	٨				_					
8070-20		48"	Х				_					
		60"	X			_	_			$\vdash$		$\dashv$
00700M	R Double Return	1-1-32" x 11-1/2"	٨		_		-		-			
90/UDINI	K Double Keturn	1-1-32 X 11-1/2 48"	V									_
		48 54"	X	-				-		$\vdash$		-
0070840	C'I. D.t		X				_					
8U/UIVIK	Single Return	1-1-32" x 11-1/2" 42"	V	V		V	V			V	V	
		42	X	X	\/	_	X	-		X	X	V
		54"	_	X	Χ		X	-		Χ	X	Χ
		* '	X	Χ		Χ						
		60"	X		Χ		Χ			Χ	Χ	Х
0070.00		72"	Χ	_			_	_				_
8070-26		Tread Blank 26" Deep	V									
		48"	X							$\vdash$		-
		60" 84"	X							$\vdash$		_
0070.04			Χ				_			$\overline{}$		_
8070-34		Tread Blank 34" Deep	V									
		42"	X							$\vdash$		_
		48 54"	X	-				-		$\vdash$		-
			X							$\vdash$		_
007F D:-		60"	Χ				_					
8075 Ris	er	3/4" x 7-1/2" 36"	V				V					
			X	-			X	V	. V	$\vdash$	V	-
		42"	X		V	v	X	X	X	$\vdash$	X	$\dashv$
		54"	X	-	Χ	Х	Λ	X	λ	$\vdash$	Λ	$\dashv$
		60"	X		V		V	v	V	$\vdash$	X	$\dashv$
		72"	X		Х		Χ	Х	Χ	$\vdash$	X	4
		96"	X	-				-		$\vdash$		$\dashv$
		144"	X							$\vdash$		$\dashv$
			_	-				-		$\vdash$		$\dashv$
Chirthea	-d	192"	Χ	_		_		_				
Skirtboar	u -	12'	Х				Χ		Х		Х	
		16'	X				X		X	$\vdash$	X	$\dashv$
8070	Colid Dino C.G.		٨			_	٨		٨		٨	
80/0	Solid Pine C &	BTR Stepping 1" x 11-1/4" 36"										Х
		42"								$\vdash$		X
		42"								$\vdash$		X
		144"								$\vdash$		
		192"		-				-		$\vdash$		X
		192										X

#### TREAD KITS

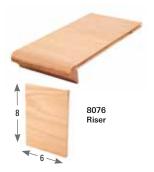
Tread kits include 8076 Risers which also can be purchased separately.

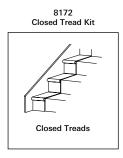
All dimensions in inches.

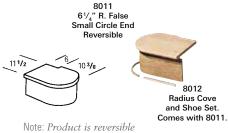


8079 False Tread Kit









65/8

8071 Right-hand and Left-hand False Tread Cap Only Note: Picture shown is a left-hand

#### Noses, Mouldings & BRACKETS



1/2" x 3/4"

8095 Cove Moulding 5/8" x 13/16"

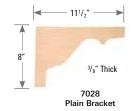
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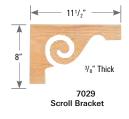


8080 1<sup>1</sup>/<sub>16</sub>" x 1<sup>1</sup>/<sub>4</sub>" Tread Nosing lineal available



13/4" x 11/16" Tread Nosing with Cove





#### Rosettes



7026 Round Rosette 4<sup>3</sup>/<sub>4</sub>" Diameter



7027 **Oval Rosette** 4<sup>7</sup>/<sub>16</sub>" x 6<sup>1</sup>/<sub>2</sub>"



7027SQ Square Corner Rosette  $4^{7}/_{16}$ " x  $6^{1}/_{2}$ "



7037 **Oval Rosette** 4" x 51/2"

### HEMLOCK ROSETTES



7201 Recessed Round Rosette 4" Diameter



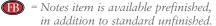
7202 Recessed Oval Rosette 49/16" x 53/4"

#### NEWEL DROP











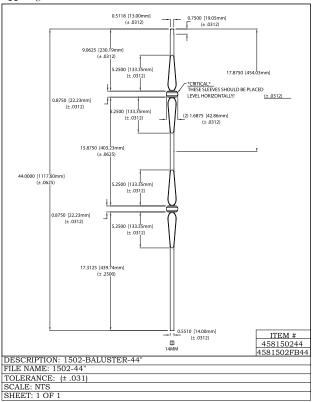


Crown Heritage makes it easy to get the stair part CAD drawings, PDF files and information you need. The Design Library is a valuable tool and service for architects and designers to place our CAD-ready drawings directly into home plans. Getting your CAD-ready plans is FREE. Go to the Design Library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



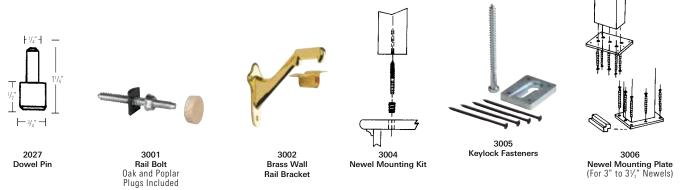
Downloading our CAD drawings is easy.

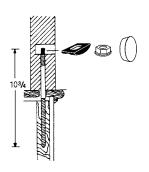




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## HARDWARE & MOUNTING KITS MOUNTING KITS





3008 SureTite™ Newel Post Fastener Oak and Poplar Plugs Included



Bottom of post Floor line or flat surfa

3009° – 3″ 3019 – 3½″ Post Anchor



3000-6 1" Wood Plugs 6-Pack 3025

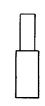
25-Pack



3024
1/2" Tapered Plugs
25/Pack
For Flush Mount
Installations



3026 Button Plugs 50/Pack



3032 Rail Bolt Driver Drill attachment for driving rail bolts into newels, fittings, walls and handrails.

3088 Dowel Driver Drives the 3076 dowel screw.

#### WALL RAIL BRACKETS

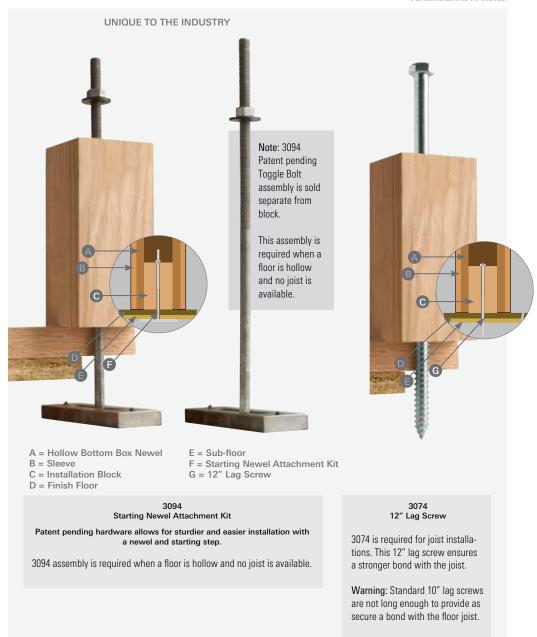




#### HARDWARE & MOUNTING KITS

All dimensions in inches.

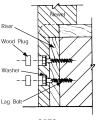




Flush Mount Kit For flush mounting handrails to newels.



Dowel Screws
Fully-threaded dowel screws for attaching balusters to treads.
Available in packs of 20 or 50.



3078
Rail/Post Fastener
Fastens newels to risers
and handrails to newels.
(1 bolt per package)



3092
Rail Bolt Wrench
A versatile tool: Locates holes
and pilot holes on handrails
and rail drops, starts and
tightens hex nut on rail bolt,
tightens ½" hex nuts, drives
\$\sigma\_{16}" rail bolts.



# SALES DISPLAYS

1. WALL DISPLAY

2. STAND-ALONE DISPLAY





3. PORTABLE SALES CASE



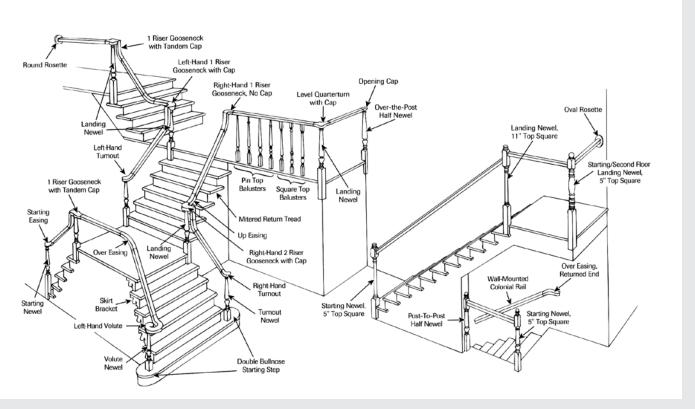
#### Put Crown Heritage style on display

- 1. The wall display shows baluster styles at eye level.
- 2. Free standing, stair parts display highlights wood and forged iron styles in strategic in-dealer locations.
- 3. The portable sales case contains a full range of newel and baluster styles ready for any presentation.
- 4. Box Newel Display is a free standing display that shows plain, fluted, recessed and raised panel designs and profiles.

4. Box Newel Display



# STAIR PART TERMS ILLUSTRATED AND DEFINED



#### BALUSTERS

The vertical posts which support the railing of the staircase. The term "balustrade" refers to the baluster and rail system.

#### COVE MOULDING

A decorative strip which, when attached to the underside of the tread nosing, covers the joint between the tread and riser.

#### FILLET

Strips which fill the plow between balusters on plowed handrail and shoerail.

#### FITTINGS

The stair parts used to form a smooth transition when the hand-rail changes height or direction. For example, starting a balustrade (volute, turnout, starting easing), at a landing (gooseneck) and at a balcony.

#### HANDRAILS

The horizontal or rake member of a balustrade system. It sits on top of the balusters and is supported by newel posts.

#### NEWELS

The major support posts for the balustrade system. Larger and heavier than the balusters, newels are located at the bottom and top of a staircase and at turns and critical support areas of balcony rails.

#### Nosing

The portion of a tread or landing tread which protrudes beyond the face of the riser.

#### RAKE

The slope or angle of the staircase (also referred to as rake angle).

#### RISERS

The vertical component of a stair which supports the treads.

#### SHOERAIL

A piece running along the floor which is plowed for the insertion of balusters and fillets.

#### STARTING STEPS

The first tread and riser at the bottom of the staircase.

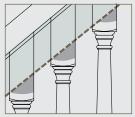
#### TREADS

The horizontal portion of the staircase upon which you walk.

# ARCHITECTURALLY CORRECT STAIRWAYS

## CROWN SYSTEM-HOW TO MAKE YOUR STAIRWAY ARCHITECTURALLY CORRECT

The Crown System is available in standard baluster lengths. For the  $1\frac{3}{4}$  " balusters, those lengths are 35",  $37\frac{1}{2}$ ", 39" and 44". For the  $1\frac{1}{4}$  " balusters, those lengths are 31", 35",  $37\frac{1}{2}$ ", 39" and 42". In most areas, the building codes require a 34" rake height and a 36" balcony or guardrail height. Please note that these balusters are designed to be cut at the top when installed.

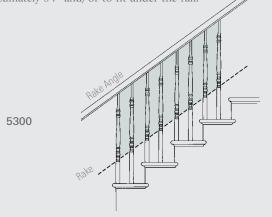


Available in standard lengths of 35", 37  $^{1}/_{2}$ ", 39" and 44", but sometimes also offered in 31" and 42" lengths for the  $1^{1}/_{4}$ " balusters.



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For 34" or 35" rake heights: Using two balusters on the tread, choose the 35" baluster as the first baluster and the 39" baluster as the second baluster. When using three balusters on a tread, choose the 35",  $37 \frac{1}{2}$ " and 44" balusters (or use the 42" baluster if you are using  $1\frac{1}{4}$ " balusters). The top of these balusters will need to be trimmed up to  $1\frac{1}{2}$ " to lower the rake rail to approximately 34" and/or to fit under the rail.



#### **Balcony Balusters**

Choose the 35",  $37 \frac{1}{2}$ " or 39" balusters depending upon the height you would like to achieve on the balcony. Remember that a 35" baluster will achieve a balcony height of 36" and is code compliant in most areas.

#### **Starting Fitting Balusters**

When using  $1\frac{1}{4}$  " balusters and for 34" and 35" rake heights, use 42" balusters under volutes and turnouts. When using  $1\frac{3}{4}$  " balusters and for 34" and 35" rake heights, use the 44" balusters under climbing volutes, regular volutes and turnouts.

#### 3-LENGTH SYSTEM

Available in 34", 38" and 42" lengths. The 3-length System aligns the bottom baluster squares with the rake of the rail.

For 34" to 38" rake heights and two balusters per tread: For 34" to 35" rake heights, use a 34" first baluster and a 38" second baluster. For 35" to 38" rake heights, use a 38" first baluster and a 42" second baluster.

For 34" to 38" rake heights and three balusters per tread: For 34" to 35" rake heights, use a 34" first baluster, a 38" second baluster and a 42" third baluster. For 35" rake heights, use a 38" first baluster, and 42" second and third balusters. When installing three balusters on a tread and using the 3-length System, at least two of the bottom baluster squares will need to be trimmed for proper alignment. Warning: At a 35" to 38" rake height, the 42" baluster may not be long enough to use under gooseneck fittings. Please note that these balusters are designed to be cut at the bottom when installed.

#### Balcony Baluster

Use 38" balusters for 36" balcony rail heights and 42" balusters for 42" balcony rail heights.

#### Starting Fitting Baluster

For 34" to 36" rake heights, use 42" balusters under the volute and 42" balusters under turnouts. Climbing volutes require 42" balusters.

#### OVER-THE-POST NEWELS

#### Volute Newel with a Dowel Bottom

This starting newel is used on a starting step when the installer of the stair system prefers this method of installation. These newels are available with a removable dowel, allowing the installer to shorten the block on the newel if a shorter rake rail height is desired. The longest volute newel is used for 34" rake rail heights.

#### Turnout Newel with a Dowel Bottom

Turnout newels are available only in the Colonial Collection. Use this starting newel on a starting step when the installer prefers this method of installation. The newels come with a removable dowel, allowing the installer to lower the rake rail height if desired. The longest turnout newel is used for 34" rake rail heights.

#### Universal Newel (43" long) Square Bottom

This newel may be used on a starting step under a volute or turnout fitting and when the installer prefers to install Square Bottom newels. This newel also will allow the installer to vary the installation rake rail height easier than a volute newel. Also, use this newel on level runs or balconies where the installation is flush mounted or a one-rise drape is desired.

#### Universal Newel (48" long)

Choose this newel for the first floor or starting newel when a starting step is not being used, the rake rail height is 34" and a starting easing is being used. This newel also may be used when a longer drape is desired on a level run balcony.

#### Intermediate Newel (56" or 58" long)

Choose this newel for the intermediate landing newel and where long drapes are desired on a level run or balcony.

#### Winder Newel (72" long)

Use this newel on winder treads or pie-shaped treads at the intermediate landing. This newel also may be used at the intermediate landing when a newel drop is being used or a long drape is desired.

#### Post-to-Post Newels

#### Universal Newel (48" long with a 5" Top Block)

Choose this newel for a starting newel or first floor newel when your rake rail height is less than 33". This newel also can be used for level run or balcony installations when a 5" top block newel is desired.

#### Universal Newel (54" or 56" long with a 5" Top Block)

Choose this newel when your rake rail height is 34" or higher. This newel also may be used when fittings are used to gooseneck into the second floor newel or balcony newel. In addition, use this newel at the intermediate landing when a 5" top block newel and a gooseneck fitting are being used and the newel will not be draped over more than one rise. This newel also may be used as a level run or balcony newel when a longer drape is desired.

#### Winder Newel (5" Top Block)

Choose the longest 5" top block newel when the installation has winder or pie-shaped treads at the intermediate landing. This newel also may be used at the intermediate landing when a newel drop is being used.

#### Intermediate Landing Newel (141/2" Top Block)

Choose the longest 14½" newel for all intermediate landings where fittings will not be used, and more than one rise is being draped. Only one intermediate newel is available in most collections.

#### Intermediate Landing Newel (14 1/2" Top Block)

Choose the shortest 14½" newel for all intermediate landings where fittings will not be used and the newel will be face mounted to the first rise of the second flight of steps. This newel is not available in all collections.

#### Second-floor Landing Newel (11" Top Block)

Choose this newel when the installation calls for a newel at the second floor or balcony and fittings will not be used. The following information will help you begin installation of an Over-the-Post Stair System, which is only for interior use. This list will allow the flexibility to comply with most building codes related to baluster spacing and handrail height. Always consult your local building codes before starting installation.

- Starting Step: To be used with volute and turnout fittings. Length is determined from outside finished wall to outside finished wall. (see page 59)
- 2. Treads: Excluding the starting step, choose one tread for each step. Open-sided stairs require mitered return treads. Treads are available mitered on one side or both sides. For open-on-one-side stairs, add 11/8" to the measured length between the finished walls and order the next longest standard length of tread. (see page 59)
- 3. **Risers:** The required number of risers will be one more than the number of treads chosen in No. 2. Do not choose a riser for the starting step. (see page 60)
- 4. Skirtboards: Skirtboards are used on both sides of the stairs, regardless of whether they are open or enclosed. Allow 13" per tread and round up to either 12' or 16' length. (Note, Crown Heritage Skirtboards are only available in 12' and 16' lengths) (see page 60)
- 5. Landing Tread: Choose enough landing tread for all landings and balconies. 5 <sup>1</sup>/<sub>4</sub>" landing tread is used with 3 <sup>1</sup>/<sub>2</sub>" newels. 3 <sup>1</sup>/<sub>4</sub>" landing tread may be used with 3" newels. (page 60)
- 6. Cove Moulding: Choose enough footage to go under all landing tread and tread nosing, including tread returns. (page 61)
- 7. Starting Fitting: Choose from volute, turnout or starting easing. (pages 55-56)
- 8. Starting Newel: Choose either a volute newel or the shortest universal newel for the first floor. (pages 33-36, 39-53)
- 9. Intermediate Newel: Choose the 56" intermediate landing newel for two-rise applications where the newel will drape two rises. Choose the 72" newel if more than two rises are being draped. If the intermediate newel will not be draped, but is face mounted, the 48" newel may be used. (pages 33-36, 39-53)
- Balcony Newel: Choose the shortest universal newel for flush mount installations or the 48" length when the newel will be draped or mounted below the floor surface. (pages 33-36, 39-53)
- 11. Level Run: A universal newel should be used at least every eight feet of balcony run. At the corner of the balcony, use a quarter-turn cap over each newel. The 43" universal newel may be used for flush mounts. The 48" universal newel should be used if a draped installation is desired. (pages 33-36, 39-53)
- 12. Half Newel or Rosette: For the best installation, choose a half newel, which matches the other newels on the job. Alternately, choose a round rosette for all level rail connections and an oval rosette for all angle rail connections. (page 61)
- 13. Hardware: For a sturdy installation, choose the patented \*Newel Mounting Kit #3072. Choose the appropriate newel mounting hardware for each newel post. (pages 63-64)
- 14. Balusters for Volutes and Turnouts: Four or six 1<sup>1</sup>/<sub>4</sub>" balusters and four or five 1<sup>3</sup>/<sub>4</sub>" balusters are required under the volute. Turnouts require two 1<sup>1</sup>/<sub>4</sub>" and one 1<sup>3</sup>/<sub>4</sub>" balusters. For 30"

- rake heights use 38" or  $37^{1/2}$ " balusters under the volute and use a 42" or 44" baluster under turnouts. For 34" rake heights, use a 42" baluster under volutes and turnouts. When using  $1^{1/4}$ " balusters, choose the 42" baluster. When using  $1^{3/4}$ " balusters, choose the 44" baluster.
- Warning: Rake heights over 35" may result in the balusters not being long enough. (pages 39-55)
- 15. Balusters for Starting Easing With Cap: Use one 38" or 39" baluster under a starting easing if your rake height is 30". Use a 42" baluster if your rake rail height is 34". (pages 39-53)
- 16. Rake Balusters for 34" Rake Heights (3-length System): When using two balusters per tread, use the 34" baluster as the first baluster and the 38" baluster as the second baluster. When using three balusters on a tread, use the 34" baluster as the first baluster, a 38" second baluster and a 42" third baluster on the tread. The 38" and 42" balusters will require the bottom of the baluster to be trimmed. (*page 67*)
- 17. Rake Balusters for 34" Rake Heights (the Crown System): When using two balusters per tread, use the 35" baluster as the first baluster and the 39" baluster as the second baluster. When using 1 1/4" balusters, choose the 35", 37" and 42" balusters unless you have chosen the 5016—then use the 36", 39" and 42" balusters. When using 13/4" balusters, choose the 35", 37" and 44" balusters. The Crown System balusters are designed to be trimmed at the top of the balusters. (page 67)
- 18. Fittings for Landings: Choose the correct fitting for each newel. Half newels require an opening cap, which will be cut on the job. (*pages 55-56*)
- 19. Handrail: Choose the appropriate lineal footage of handrail. 13" per step is the average length needed. Our handrail comes factory shrink-wrapped to ensure the product stays clean and remains undamaged. Please note that the best installation method for attaching a rail to a rail or a rail to a fitting is to use the patent-pending EasAlign system from Crown Heritage. (page 57), (page 59 for handrails)
- 20. Shoerail: If shoerail is desired, then choose the appropriate lineal footage. 13" per step is the average length needed. Our shoerail comes factory shrink-wrapped to ensure the product stays clean and remains undamaged. (page 57)
- 21. Fillet: Fillet is shipped tacked into all plowed handrails and shoerails. (page 57)
- **22. Wood Plug:** A 1" wood plug is needed for each hole bored in the newel. (*page 63*)
- 23. Dowel Screw: Where the screw method of installation is being used, choose one dowel screw for each baluster except for those balusters being used in a shoerail. This is a recommended, but optional, method of installation. (page 64)
- 24. Bracket: If desired, choose one bracket for each tread. (page 61)

\*Patent: US 6,769,221B1

#### POST-TO-POST TAKE-OFF GUIDE

The following information will help you begin installation of a Post-to-Post Stair System, which is only for interior use. This list will allow the flexibility to comply with most building codes related to baluster spacing and handrail height. Always consult your local building codes before starting installation.

- 1. Treads: Excluding the starting step, choose one tread for each step. Open-sided stairs require mitered return treads. Treads are available mitered on one side or both sides. For open-on-one-side stairs, add 1½ to the measured length between the finished walls and order the next longest standard length of tread. (pages 59)
- 2. Risers: The required number of risers will be one more than the number of treads chosen in No. 2. Do not choose a riser for the starting step. (page 60)
- 3. Skirtboards: Skirtboards are used on both sides of the stairs, regardless of whether they are open or enclosed. Allow 13" per tread and round up to either 12' or 16' length. (Note, Crown Heritage skirtboards are only available in 12' and 16' lengths). (page 60)
- 4. Landing Tread: Choose enough landing tread for all landings and balconies. 5<sup>1</sup>/<sub>4</sub>" landing tread is used with 3<sup>1</sup>/<sub>2</sub>" newels. 3<sup>1</sup>/<sub>4</sub>" landing tread may be used with 3" newels. (page 60)
- 5. Cove Moulding: Choose enough footage to go under all landing tread and tread nosing, including tread returns. (page 61)
- **6. Starting Newel:** Choose the 48" universal newel, if available, for 30" rake rail heights and the 54" or 56" lengths for 34" rake rail heights. (*pages 33-36, 39-53*)
- 7. **Intermediate Newel:** Choose the appropriate intermediate landing newel with a 14<sup>1</sup>/<sub>2</sub>" top block when not using a fitting and a 5" top block. (*pages 33-36*, *39-53*)
- 8. Second-floor Newel: Choose the appropriate second-floor landing newel with an 11" top block if fittings are not being used. If fittings are being used, choose a 5" top block universal newel. (pages 33-36, 39-53)
- 9. Balcony Newel: Choose the shortest universal newel for flush mount installations or the 48" length when the newel will be draped or mounted below the floor surface. (pages 33-36, 39-53)
- 10. Half Newel or Rosette: For the best installation, choose a half newel, which matches the other newels on the job. Alternately, choose a round rosette for all level rail connections and an oval rosette for all angle rail connections. (page 61)
- 11. Hardware: Choose the appropriate newel mounting hardware for each newel post. (pages 63-64)
- 12. Rake Balusters for 34" Rake Heights (3-length System): When using two balusters per tread, use the 34" baluster as the first baluster and the 38" baluster as the second baluster. When using three balusters on a tread, use the 34" baluster as the first baluster, a 38" second baluster and a 42" third baluster on the tread. The 38" and 42" balusters will require the bottom of the baluster to be trimmed. (*page 67*)

- 13. Rake Balusters for 34" Rake Heights (the Crown System): When using two balusters per tread, use the 35" baluster as the first baluster and the 39" baluster as the second baluster. When using 11/4" balusters, choose the 35", 37", and 42" balusters unless you have chosen the 5016—then use the 36", 39" and 42" balusters. When using 13/4" balusters, choose the 35", 37" and 44" balusters. The Crown System balusters are designed to be trimmed at the top of the balusters. (page 67)
- 14. Handrail: Choose the appropriate lineal footage of handrail. 13" per step is the average length needed. Our handrail comes factory shrink-wrapped to ensure the product stays clean and remains undamaged. (page 57)
- 15. Shoerail: If shoerail is desired, then choose the appropriate lineal footage. 13" per step is the average length needed. Our shoerail comes factory shrink-wrapped to ensure the product stays clean and remains undamaged. (page 57)
- **16.** Fillet: Fillet is shipped tacked into all plowed handrails and shoerails. (*page 57*)
- 17. Wood Plug: A 1" wood plug is needed for each hole bored in the newel. (page 63)
- 18. Dowel Screw: Where the screw method of installation is being used, choose one dowel screw for each baluster, except for those balusters being used in a shoerail. This is a recommended, but optional, method of installation. (page 64)
- 19. Bracket: If desired, choose one bracket for each tread. (page 61)
- **20.** Handrail Hardware: Choose a #3078 Rail and Post Fastener or a #3075 Flush Mount Kit for each newel. (page 64)



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1900	a II UII L	Balusters & Newels		ack		Rubbed Coppe	in	Copper Vein	Oil Rub Bronze
				Satin Black	sel	bed	Silver Vein	per	Ruh
pg.	Model	Description	Size	Satin	Nickel	Rub	Silve	Cop	1,0
7	1101	1 Twist Baluster	12 X 44	Х	Х	X	Х	Х	Ť
7	3101	Hollow 1 Twist Baluster	12 X 44	Х	٨	X	٨	٨	)
7	1102	2 Twist Baluster	12 X 44	Х	Χ	Χ	Χ	Χ	Ė
7	3102	Hollow 2 Twist Baluster	12 X 44	Χ		Χ			)
7	1103	1 Twist Baluster	12 X 44	Χ		Χ			
7	1113	2 Twist w/Fancy Scroll Baluster	12 X 44	Χ					L
8	1121	Twist 1 Baluster	12 X 44	X	Χ	X	Х	Χ	_
8	3121 1122	Hollow Twist 1 Baluster Twist 2 Baluster	12 X 44	X	Х	X	Х	Χ	)
8	3122	Hollow Twist 2 Baluster	12 X 44	Χ	٨	X	^	٨	)
8	1190	Twist Newel	30 X 48	X		X	Н		ľ
8	1191	Twist w/ 1 Basket Newel	30 X 48	Х		Χ	Н		H
9	3101	Hollow Knee Wall Twist Bal	12 X 30	Χ	П	Χ			Г
9	3102	Hollow Twist Double Twist Bal	12 X 30	Χ		Χ	П		
9	3121	Hollow Knee Wall Twist 1 Bal	12 X 30	Χ		Χ			
9	3122	Hollow Knee Wall Twist 2 Bal	12 X 30	Χ		Χ			
10	2101	1 Twist Hollow Baluster	19 X 44	X		X			
10	2102	2 Twist Hollow Baluster	19 X 44	X		X			ĺ
10	2121	Twist w/ 1 Basket Hollow Baluster Twist w/ 2 Baskets Hollow Baluster	19 X 44	X	H	X			
10	2700	Hollow Plain Baluster	19 X 44	X	H	X			H
10	2700	Hollow Scroll Baluster	19 X 44	Х	H	X	H		ĺ
11	4700	Hollow Plain Baluster	14 X 44	Х	f	X			ĺ
11	3404	Hollow Balusters w/ Double Bars	12 X 44	Х	f	X			ĺ
11	1700	Plain Square Baluster	12 X 44	Χ	Χ	Χ	Χ	Χ	ĺ
11	3700	Hollow Plain Baluster	12 X 44	Χ		Χ			)
11	1701	Plain Square 1 Knuckle Baluster	12 X 44	Χ	Χ	Χ			ĺ
11	3701	Hollow Flat Plain w/Knuckle	12 X 44	Χ		Χ			2
11	1702	Plain Square 2 Knuckle Baluster	12 X 44	X	Χ	X	ш		L
11	3702	Hollow Flat Plain w/ Knuckle - Double		X		Χ	Н		2
11	1707 1708	Plain Squiggle Baluster Plain Large Scroll Baluster	14 X 44 12 X 44	X		Х	Н		H
12	3708	Hollow Knee Wall Scroll	12 X 44 12 X 30	Х		X	Н		H
12	3708	Hollow Scroll Baluster	12 X 44	Х		X	Н		)
12	1750*	Plain Belly Baluster	12 X 41	Х		Χ	Н		ľ
13	1000	Hammered Plain Baluster	14 X 44	Χ		Χ			H
13	1001	Hammered 1 Baluster	14 X 44	Χ		Χ	П		
13	1002	Hammered 2 Baluster	14 X 44	Χ		Χ			
13	1050*	Hammered Belly Baluster	14 X 41	Χ		Χ			
14	1051*	Hammered 1 Belly Baluster	14 X 41	Χ					L
14	1053* 1090	Hammered Belly w/ Scroll Baluster Hammered Plain Newel	14 X 41 30 X 48	X		Χ	_		L
14	1090	Hammered 1 Basket Newel	30 X 48	Х		X	Н		H
15	1301	1 Ribbon Baluster	12 X 44	Х		X	Н		H
15	3301	Hollow 1 Ribbon Baluster	12 X 44	X		X	Н		H
15	1302	2 Ribbon Baluster	12 X 44	Χ	П	Χ			Г
15	3302	Hollow 2 Ribbon Baluster	12 X 44	Χ		Χ			ĺ
15	3321	Hollow 2 Ribbon 1 Basket	12 X 44			Χ			
15	3322	Hollow 2 Basket 1 Ribbon	12 X 44	Χ		Χ			ĺ
15	1331	Ribbon w/Scroll Baluster	12 X 44	X		X			
15	3331	Hollow Ribbon w/Scroll Baluster Ribbon w/Scrolls Baluster	12 X 44	X		X			
16 16	1332 3332	Hollow Ribbon w/ Scrolls Bal	12 X 44	X	H	X			H
16	1391	1 Ribbon Newel	30 X 48	Х	H	٨			
17	3060	Hollow Hammered Plain Baluster	14 X 44	Х	H	Χ			)
17	1501	Ham'd Spoon Knuckle Baluster	14 X 44	X	Χ	X	f		ĺ
17	3501	Hollow Ham'd Spoon Knuckle Bal	14 X 44	Χ	Ī	Χ			
17	1502	Ham'd Spoon Knuckle Baluster	14 X 44	Χ	Χ	Χ	_		ĺ
17	3502	Hollow Ham'd Spoon Knuckle Bal	14 X 44	Χ		Χ			2
17	1531	Ham'd Spoon Basket Baluster	14 X 44	Χ	Χ	X			ĺ
17	3531	Hollow Ham'd Spoon Basket Bal	14 X 44	X		X			2
19 19	1060	Hammered Plain Baluster Hammered 1 Baluster	14 x 44 14 X 44	X	H	X	H		
19	1061 1062	Hammered 1 Baluster Hammered 2 Baluster	14 X 44	X	H	X	H		
19	1068	Hammered Baluster	14 x 44	Х	H	X	H		ı
20	1070	Round Baluster	12 X 44	X	f		f		ĺ
20	1071	Round 1 Knuckle Baluster	12 X 44	X	f		f		ĺ
20	1072	Round 2 Knuckle Baluster	12 X 44	Χ	Ī				ĺ
20	1074	Large Hammered Bar Baluster	16 X 44	Χ		Χ			ĺ
21	1201	Feather Baluster	14 X 44	Χ		Χ	_		ĺ
21	3201	Hollow Feather Baluster	14 X 44	Χ		Χ			1
21	1202	Split Feather Baluster	14 X 44	Χ		X	_		ĺ
21	3202	Hollow Split Feather Baluster	14 X 44	Χ		X	_		1
	1212	Feather w/ Scroll Baluster	14 X 44	X		Χ			ľ

<sup>\*</sup> Exact measurements on the belly balusters are 41.625

Forged	Iron E	Balusters & Newels		Satin Black	Nickel	Rubbed Copper	Silver Vein	Copper Vein	Oil Rub Bronze
pg.	Model	Description	Size	Sai	Ž	Ru	Sil	Ö	Õ
22	3401	Plain Baluster w/ 1 Ring	12 X 44	Χ		Χ			
22	3402	Plain Baluster w/ 2 Rings	12 X 44	Χ		Χ			П
22	3403	Panel w/ 1 Ring	12 X 44	Χ		Χ			
22	3406	Plain Baluster w/ 1 Diamond	12 X 44	Χ		Χ			
22	3407	Plain Baluster w/ 2 Diamonds	12 X 44	Χ		Χ			
22	3405	Panel w/ 1 Diamond	12 X 44	Χ		Χ			

F	Rails and	f Fillets								y	k		Brazilain Cherry	ne
			Oak	11.	9	le	lock	7	pa	ogan	e Oa	013	ilain	Yellow Pine
pg.	Model	Description	Red Oak	Poplar	Веес	Мар	Нет	Cher	Prim	Mab	Wbit	Hick	Brazi	Yello
57	6000 P	Handrail Fingerjoint Plowed with Fillet 1 1/4"	Х			Х								
57	6001 P	Handrail Fingerjoint Plowed with Fillet 1 3/4"	Х			Χ								П
57	6002	Handrail 1 9/16" x 2 3/4"	Х			Χ								
57	6005 STP	Handrail Plowed Solid Top	Χ				Χ							
57	6006	Shoerail Plwd w/fillet 1 3/4"	Х	Χ	Χ	Х		Χ						
57	6008	Shoerail Plwd w/fillet 1 1/4"	Х											
57	6009	Shoerail Plwd w/fillet 1 3/4"	Χ											
57	6010	Handrail Fingerjoint 2 1/4" x 2 5/8"	Χ	Χ	Χ						Χ			Х
57	6010 B	Handrail Bending w/Mould 7pc.	Χ			Х								
57	6010 P	Handrail Plowed	Χ	Χ	Χ									Χ
57	6010 S	Handrail Solid 3 Layer	Χ											
57	6010 SC		Χ		Χ	Χ								
57		Handrail Plowed Solid Cap	Χ			Χ								
57	6010 SP		Χ											
57	6010 ST						Χ	Χ			Χ	Χ	Χ	
57	6010 STP						Χ				Χ			
57	6011 B	Handrail Bending w/Mould 9pc.	Χ			Х								
57	6040	Wallrail Fingerjoint 1 3/4" x 1 5/8"	Χ		Χ									
57	6042	Wallrail Fingerjoint 2 1/4" x 1 9/32"	Χ		Χ	Χ	Χ							
57	6045	Shoerail Plowed w/fillet 1 1/4"	Χ	Χ	Χ	Χ								
57	6100 SC	Handrail Solid Cap	Χ			Χ								
57	6106	Shoerail Plwd w/fillet 1 1/4"					Χ							
57	6203	Handrail Fingerjoint 1 5/8" x 5 1/2"	Χ											
57	6206	Shoerail Plwd w/fillet 1 5/8"					Χ							
57	6210	Handrail Fingerjoint 2 5/8" x 2 3/8"	Χ	Χ										Х
57	6210 B	Handrail Bending w/Bending Mould	Χ			Χ								
57	6210 P	Handrail Plwd w/fillet 1 3/4"	Χ	Χ										Х
57	6210 SC	Handrail Solid Cap	Χ		Χ	Χ								
57		Handrail Plw Solid Cap w/fill	Χ		Χ	Х								
57	6210 ST	Handrail Solid Top						Х			Χ		Χ	
57		Handrail Plowed Solid Top						Х			Χ			
57	6245	Shoerail Plwd w/fillet 1 3/4"	Χ											
57	6310 B	Handrail Bending w/Bending Mould	Χ			Х								
57	6310	Handrail Fingerjoint	Х											
57	6310 S	Handrail Solid	Χ			Х								
57	6310 SP		Χ			Х								
57	6310 ST									Χ				
57		Handrail Plowed Solid Top								Χ				
57	6519 B	Handrail Bending w/Mould 8pc.	Χ											
57	6519 ST	Handrail Solid Top	Χ			Х								
57	6519 STP	Handrail Plowed Solid Top	X			Χ	Χ							

#### Suffixes Used

8 Octagonal B Ball Top for Newels B Bending for Rail BM Bending Mold C Colonial Ball Top DMR Double Miter Return D Reed F Flute H Half LH Left Hand MR Mitered Return NCT No Cap and Trim P Plowed PA 1-1/4" Plow 6100 PB 1-3/4" Plow 6100 R Rope RH Right Hand R Ring Top S Spade Top for Newels, 3 Layer Solid for Handrail SC Solid Cap Engineered for Rail ST Solid Top Rail		
B Bending for Rail BM Bending Mold C Colonial Ball Top DMR Double Miter Return D Reed F Flute H Half LH Left Hand MR Mitered Return NCT No Cap and Trim P Plowed PA 1-1/4" Plow 6100 PB 1-3/4" Plow 6100 R Rope RH Right Hand R Ring Top S Spade Top for Newels, 3 Layer Solid for Handrail SC Solid Cap Engineered for Rail	8	Octagonal
BM Bending Mold C Colonial Ball Top DMR Double Miter Return D Reed F Flute H Half LH Left Hand MR Mitered Return NCT No Cap and Trim P Plowed PA 1-1/4" Plow 6100 PB 1-3/4" Plow 6100 R Rope RH Right Hand R Ring Top S Spade Top for Newels, 3 Layer Solid for Handrail SC Solid Cap Engineered for Rail	В	Ball Top for Newels
C Colonial Ball Top  DMR Double Miter Return  D Reed  F Flute  H Half  LH Left Hand  MR Mitered Return  NCT No Cap and Trim  P Plowed  PA 1-1/4" Plow 6100  PB 1-3/4" Plow 6100  R Rope  RH Right Hand  R Ring Top  S Spade Top for Newels, 3 Layer Solid for Handrail  SC Solid Cap Engineered for Rail  ST Solid Top Rail	В	Bending for Rail
DMR Double Miter Return  D Reed  F Flute H Half LH Left Hand MR Mitered Return  NCT No Cap and Trim P Plowed PA 1-1/4" Plow 6100 PB 1-3/4" Plow 6100 R Rope RH Right Hand R Ring Top S Spade Top for Newels, 3 Layer Solid for Handrail SC Solid Cap Engineered for Rail ST Solid Top Rail	BM	Bending Mold
D Reed F Flute H Half LH Left Hand MR Mitered Return NCT No Cap and Trim P Plowed PA 1-1/4" Plow 6100 PB 1-3/4" Plow 6100 R Rope RH Right Hand R Ring Top S Spade Top for Newels, 3 Layer Solid for Handrail SC Solid Cap Engineered for Rail	С	Colonial Ball Top
F	DMR	Double Miter Return
H Half LH Left Hand MR Mitered Return NCT No Cap and Trim P Plowed PA 1-1/4" Plow 6100 PB 1-3/4" Plow 6100 R Rope RH Right Hand R Ring Top S Spade Top for Newels, 3 Layer Solid for Handrail SC Solid Cap Engineered for Rail	D	Reed
LH Left Hand  MR Mitered Return  NCT No Cap and Trim  P Plowed  PA 1-1/4" Plow 6100  PB 1-3/4" Plow 6100  R Rope  RH Right Hand  R Ring Top  S Spade Top for Newels, 3 Layer Solid for Handrail  SC Solid Cap Engineered for Rail  ST Solid Top Rail	F	Flute
MR Mitered Return  NCT No Cap and Trim P Plowed  PA 1-1/4" Plow 6100  PB 1-3/4" Plow 6100  R Rope  RH Right Hand  R Ring Top  S Spade Top for Newels, 3 Layer Solid for Handrail  SC Solid Cap Engineered for Rail  ST Solid Top Rail	Н	Half
NCT No Cap and Trim P Plowed PA 1-1/4" Plow 6100 PB 1-3/4" Plow 6100 R Rope RH Right Hand R Ring Top S Spade Top for Newels, 3 Layer Solid for Handrail SC Solid Cap Engineered for Rail ST Solid Top Rail	LH	Left Hand
P Plowed PA 1-1/4" Plow 6100 PB 1-3/4" Plow 6100 R Rope RH Right Hand R Ring Top S Spade Top for Newels, 3 Layer Solid for Handrail SC Solid Cap Engineered for Rail ST Solid Top Rail	MR	Mitered Return
PA 1-1/4" Plow 6100 PB 1-3/4" Plow 6100 R Rope RH Right Hand R Ring Top S Spade Top for Newels, 3 Layer Solid for Handrail SC Solid Cap Engineered for Rail ST Solid Top Rail	NCT	No Cap and Trim
PB 1-3/4" Plow 6100 R Rope RH Right Hand R Ring Top S Spade Top for Newels, 3 Layer Solid for Handrail SC Solid Cap Engineered for Rail ST Solid Top Rail	P	Plowed
R Rope RH Right Hand R Ring Top S Spade Top for Newels, 3 Layer Solid for Handrail SC Solid Cap Engineered for Rail ST Solid Top Rail	PA	1-1/4" Plow 6100
RH Right Hand R Ring Top S Spade Top for Newels, 3 Layer Solid for Handrail SC Solid Cap Engineered for Rail ST Solid Top Rail	PB	1-3/4" Plow 6100
R Ring Top S Spade Top for Newels, 3 Layer Solid for Handrail SC Solid Cap Engineered for Rail ST Solid Top Rail	R	Rope
S Spade Top for Newels, 3 Layer Solid for Handrail SC Solid Cap Engineered for Rail ST Solid Top Rail	RH	Right Hand
SC Solid Cap Engineered for Rail ST Solid Top Rail	R	Ring Top
ST Solid Top Rail	S	Spade Top for Newels, 3 Layer Solid for Handrail
	SC	Solid Cap Engineered for Rail
T Twist	ST	Solid Top Rail
1 144100	T	Twist

				ık				*		
				Red Oak	plar	ech	Maple	mloc	erry	Primed
pg.	Model	Description	Size	_	_	Be	Z	Η̈́		Pr
43	1805	1800s Square Top Plain	1.75 x 35	Χ	Χ				Χ	
43	1805	1800s Square Top Plain	1.75 x 37.5	Χ	Х				Χ	
43	1805	1800s Square Top Plain	1.75 x 39	Х	Х				Χ	
43	1805	1800s Square Top Plain	1.75 x 44	X	_				Χ	
43	1805 8	1800s Square Top Octag.	1.75 x 35	X	Х					
43	1805 8	1800s Square Top Octag.	1.75 x 37.5	X	Х					
43	1805 8	1800s Square Top Octag.	1.75 x 39	X	X					
43	1805 8 1805 D	1800s Square Top Octag.	1.75 x 44 1.75 x 35	X	X					
43		1800s Square Top Reed 1800s Square Top Reed		X	X					
43	1805 D 1805 D	1800s Square Top Reed	1.75 x 37.5 1.75 x 39	X	X					
43	1805 D	1800s Square Top Reed	1.75 x 39	X	Х	_				
43	1815	1800s Pin Top Plain	1.75 x 44	X	Х				Χ	Х
43	1815	1800s Pin Top Plain	1.75 x 37.5	X	X				Х	X
43	1815	1800s Pin Top Plain	1.75 x 39	X	X				X	X
43	1815	1800s Pin Top Plain	1.75 x 44	X	X	_			X	X
43	1815 8	1800s Pin Top Octag.	1.75 x 35	X	X	_			Λ	^
43	1815 8	1800s Pin Top Octag.	1.75 x 37.5	X	Х					f
43	1815 8	1800s Pin Top Octag.	1.75 x 37.5	X	Х					ı
43	1815 8	1800s Pin Top Octag.	1.75 x 39	X	Х					f
43	1815 D	1800s Pin Top Octag.	1.75 x 44 1.75 x 35	X	Х					Х
43	1815 D	1800s Pin Top Reed	1.75 x 37.5	X	Х					X
43	1815 D	1800s Pin Top Reed	1.75 x 37.5	X	Х					X
43	1815 D	1800s Pin Top Reed	1.75 x 39	X	X		_			X
43	1815 D	1800s Pin Top Plain	2.25 x 35	٨	٨		_			X
43	1825	1800s Pin Top Plain	2.25 x 35 2.25 x 37.5				_			X
43	1825	1800s Pin Top Plain	2.25 x 37.5 2.25 x 39				_			X
43	1825	1800s Pin Top Plain	2.25 x 39 2.25 x 44							Х
43	1825 D	1800s Pin Top Reed	2.25 x 35		-					Х
43	1825 D	1800s Pin Top Reed	2.25 x 37.5		-					X
43	1825 D	1800s Pin Top Reed	2.25 x 37.3		-					Х
43	1825 D	1800s Pin Top Reed	2.25 x 44		-					X
45	2005	Carolina Square Top Plain	1.75 x 34	X	_					X
45	2005	Carolina Square Top Plain	1.75 x 38	X	-					X
45	2005	Carolina Square Top Plain	1.75 x 42	X						X
45	2005 8	Carolina Square Top Octag.	1.75 x 34	X	-					^
45	2005 8	Carolina Square Top Octag.	1.75 x 38	X	-					
45	2005 8	Carolina Square Top Octag.	1.75 x 42	X	-					
45	2005 F	Carolina Square Top Flute	1.75 x 42	X						Х
45	2005 F	Carolina Square Top Flute	1.75 x 34	X						X
45	2005 F	Carolina Square Top Flute	1.75 x 30	X	_					X
45	2005 T	Carolina Square Top Twist	1.75 x 34	X	-					^
45	2005 T	Carolina Square Top Twist	1.75 x 38	X	-					
45	2005 T	Carolina Square Top Twist	1.75 x 42	X						_
45	2006	Carolina Square Top Plain	1.75 x 35	X	Х		Χ			
45	2006	Carolina Square Top Plain	1.75 x 37.5	X	Х		Х			_
45	2006	Carolina Square Top Plain	1.75 x 39	X	Х		Х			
45	2006	Carolina Square Top Plain	1.75 x 44	X			Х			
45	2006 F	Carolina Square Top Flute	1.75 x 35	X	_		Х			_
45	2006 F	Carolina Square Top Flute	1.75 x 37.5	X	Х		Х			
45	2006 F	Carolina Square Top Flute	1.75 x 39	X	X		X			f
45	2006 F	Carolina Square Top Flute	1.75 x 44	X	_	f	Х			f
45	2006 T	Carolina Square Top Twist	1.75 x 35	X	X		^			ı
45	2006 T	Carolina Square Top Twist	1.75 x 37.5	X	Х					f
45	2006 T	Carolina Square Top Twist	1.75 x 39	X	X					f
45	2006 T	Carolina Square Top Twist	1.75 x 44	X	Х	f				f
39	2011	Sierra Pin Top	1.25 x 34	X	Х		Χ		Х	Х
39	2011	Sierra Pin Top	1.25 x 38	X	Х		Х		Х	Х
39	2011	Sierra Pin Top	1.25 x 42	X	Х		Х		Х	Х
39	2013	Sierra Pin Top	1.25 x 35	X	Х	f	Х		,,	Х
39	2013	Sierra Pin Top	1.25 x 37.5	X	X		Х			X
39	2013	Sierra Pin Top	1.25 x 37.3	X	Х		Х			Х
39	2013	Sierra Pin Top	1.25 x 42	X	Х		Х			Х
45	2015	Carolina Pin Top Plain	1.75 x 34	X	^	f	74			Х
45	2015	Carolina Pin Top Plain	1.75 x 38	X						Х
45	2015	Carolina Pin Top Plain	1.75 x 42	X						Х
45	2015 8	Carolina Pin Top Octag.	1.75 x 42	X						
45	2015 8	Carolina Pin Top Octag.	1.75 x 34	X						f
45	2015 8	Carolina Pin Top Octag.	1.75 x 36	X						
45	2015 6 2015 F	Carolina Pin Top Octay.	1.75 x 42	X						Х
45	2015 F	Carolina Pin Top Flute	1.75 x 34	X	H					X
45	2015 F	Carolina Pin Top Flute	1.75 x 38	X						X
45	2015 F 2015 T	Carolina Pin Top Twist	1.75 x 42	X		Х				٨
45	2015 T	Carolina Pin Top Twist	1.75 x 34	X		X				
	2015 T	Carolina Pin Top Twist	1.75 x 38	X		X	_			
45				_	V	٨	V			V
45	2016	Carolina Pin Top Plain	1.75 x 35	X	_		X			X
45	2016	Carolina Pin Top Plain	1.75 x 37.5	X	_		X			X
45	2016	Carolina Pin Top Plain	1.75 x 39	Χ	Х		Χ			Х
45	2016	Carolina Pin Top Plain	1.75 x 44	Χ	Х		Х			)

	Balust	ers									>
				Red Oak	lar	Beech	Maple	Hemlock	Cherry	Primed	Mahogam
pg.	Me	odel Description	Size	Rec	Poplar	Вее	Ma	$He^{\eta}$	Š	Pri	Ma
45	2016 F	Carolina Pin Top Flute	1.75 x 37.5	Χ	Χ		Χ			Χ	
45	2016 F	Carolina Pin Top Flute	1.75 x 39	Χ	Χ		Χ			Χ	
45	2016 F	Carolina Pin Top Flute	1.75 x 44	Х	Χ		Χ			Χ	
45	2016 T	Carolina Pin Top Twist	1.75 x 35	X	X		X			X	
45 45	2016 T 2016 T	Carolina Pin Top Twist Carolina Pin Top Twist	1.75 x 37.5 1.75 x 39	X	X		X			X	
45	2016 T	Carolina Pin Top Twist	1.75 x 39	X	X		X			X	
39	2025	Sierra Square Top	1.25 x 35	X	Х		X			X	_
39	2025	Sierra Square Top	1.25 x 37.5	Х	Х		Χ			Χ	_
39	2025	Sierra Square Top	1.25 x 39	Х	Χ		Χ			Χ	
39	2025	Sierra Square Top	1.25 x 42	X	Χ		Χ			Χ	
39	2105	Sierra Square Top	1.75 x 35	X						Χ	
39	2105	Sierra Square Top	1.75 x 37.5	X						X	
39	2105	Sierra Square Top	1.75 x 39	X						X	
39	2105	Sierra Square Top Sierra Pin Top	1.75 x 44 1.75 x 34	X	v		V		V	X	
39	2111	Sierra Pin Top	1.75 x 34	X	X		X		X	Х	_
39	2111	Sierra Pin Top	1.75 x 30	X	Х		X		Х	X	
39	2115	Sierra Pin Top	1.75 x 35	X	Х		Х		Х	X	-
39	2115	Sierra Pin Top	1.75 x 37.5	X	Х		Х		Х	X	_
39	2115	Sierra Pin Top	1.75 x 39	Х	Х		Х		Х	X	_
39	2115	Sierra Pin Top	1.75 x 44	X	Х		Х		Х	X	_
49	5005	Hampton Square Top Plain	1.75 x 34	Х						Х	_
49	5005	Hampton Square Top Plain	1.75 x 38	Χ						Χ	_
49	5005	Hampton Square Top Plain	1.75 x 42	Χ						Χ	_
49	5005 8	Hampton Square Top Octag.	1.75 x 34	Χ							_
49	5005 8	Hampton Square Top Octag.	1.75 x 38	Χ							
49	5005 8	Hampton Square Top Octag.	1.75 x 42	X							
49	5006	Hampton Square Top	1.75 x 31	X	Х		Χ	Χ		Χ	
49	5006	Hampton Square Top	1.75 x 36	X	X	X	X	X		X	
49	5006	Hampton Square Top	1.75 x 42	Х	Х	Χ	Χ	Χ		X	
49	5007	Hampton Square Top	1.625 x 36							X	_
49 51	5007 5010	Hampton Square Top Colonial Pin Top	1.625 x 42 1.5 x 36	X		Х				X	
51	5010	Colonial Pin Top	1.5 x 30	X		X				Х	
51	5010	Colonial Pin Top	1.5 x 39	X		X				X	_
51	5015	Colonial Pin Top	1.25 x 34	X	Х	X				X	_
51	5015	Colonial Pin Top	1.25 x 38	X	Х	X				X	_
51	5015	Colonial Pin Top	1.25 x 42	X	Х	X				X	_
51	5016	Colonial Pin Top	1.25 x 31	X	Х	Х	Χ	Χ	Χ	Χ	_
51	5016	Colonial Pin Top	1.25 x 34	Х	Χ	Χ	Χ	Χ	Χ	Χ	_
51	5016	Colonial Pin Top	1.25 x 36	Х	Χ	Χ	Χ	Χ	Χ	Χ	_
51	5016	Colonial Pin Top	1.25 x 39	Х	Χ	Χ	Χ	Χ	Χ	Χ	_
51	5016	Colonial Pin Top	1.25 x 42	X	Χ	Χ	Χ	Χ	χ	Χ	
51	5016	Colonial Pin Top	1.25 x 45							Χ	
53	5060	Classic Square	1.25 x 36	X	Х	Χ	Х	Χ		Χ	
53	5060	Classic Square	1.25 x 42	X	Х	Χ	X	Χ		Χ	
53	5061	Classic Square Eased Edge	1.25 x 36	X			X				
53	5061 5067	Classic Square Eased Edge	1.25 x 42	X			Χ			Χ	
51 51	5067	Colonial Square Top  Colonial Square Top	1.25 x 34 1.25 x 38	X					_	X	_
51	5067	Colonial Square Top	1.25 x 36	X						X	_
51	5068	Colonial Square Top	1.25 x 31	X			Χ			Λ.	_
51	5068	Colonial Square Top	1.25 x 35	X		Х	Х				_
51	5068	Colonial Square Top	1.25 x 37.5	X		X	Х				_
51	5068	Colonial Square Top	1.25 x 39	X		X	Х	f			_
51	5068	Colonial Square Top	1.25 x 42	Х		Χ	Χ				_
49	5106	Hampton Square Top	1.75 x 35	Х			Χ				
49	5106	Hampton Square Top	1.75 x 37.5	Х			Χ				_
49	5106	Hampton Square Top	1.75 x 39	Χ			Χ				
49	5106	Hampton Square Top	1.75 x 44	Х			Χ				
51	5141	Colonial Square Top	1.25 x 34	X	Х	Χ		Χ		Χ	
51	5141	Colonial Square Top	1.25 x 38	X	Х	X		Χ		X	
51	5141	Colonial Square Top	1.25 x 42	X	Х	Χ		Χ		X	
51	5142	Colonial Square Top	1.25 x 31	X		W	X			X	
51 51	5142	Colonial Square Top	1.25 x 35	X		X	X			X	
51	5142 5142	Colonial Square Top  Colonial Square Top	1.25 x 37.5 1.25 x 39	X		X	Х			X	_
51	5142	Colonial Square Top	1.25 x 39 1.25 x 42	X		X	Х			X	_
49	5200	Hampton Pin Top	1.25 x 42	X		A	Л			X	_
49	5200	Hampton Pin Top	1.25 x 34	X						X	-
49	5200	Hampton Pin Top	1.25 x 42	X						X	-
49	5205	Hampton Square Top	1.25 x 36	X		Χ	Χ	Χ		X	_
49	5205	Hampton Square Top	1.25 x 42	Х		Χ	Х	Χ		Χ	_
49	5300	Hampton Pin Top Plain	1.75 x 34	Х						Χ	_
49	5300	Hampton Pin Top Plain	1.75 x 38	Х		ĺ		ĺ		Χ	_
49	5300	Hampton Pin Top Plain	1.75 x 42	Х						Χ	_
49	5300 8	Hampton Pin Top Octag.	1.75 x 34	Х		Χ					
49	5300 8	Hampton Pin Top Octag.	1.75 x 38	Х		Χ					_
49	5300 8	Hampton Pin Top Octag.	1.75 x 42	X		Χ					

				Red Oak	Poplar	q2	tple	Hemlock	Cherry	Primed
pg.	Model	Description	Size	Rea	Poj	Вее	M	Не	Ch	Pri
49	5301	Hampton Pin Top	1.75 x 35	Х	Х		Χ			Χ
49	5301	Hampton Pin Top	1.75 x 37.5	Х	Х		Χ			Χ
49	5301	Hampton Pin Top	1.75 x 39	Х	Х		Χ			Χ
49	5301	Hampton Pin Top	1.75 x 44	Х	Х		Χ			Χ
53	5360	Classic Square	1.75 x 36	Х	Х		Х	Χ		Х
53	5360	Classic Square	1.75 x 42	Χ	Х		Χ	Χ		X
53	5361	Classic Square Eased Edge	1.75 x 36	Χ			Χ			
53	5361	Classic Square Eased Edge	1.75 x 42	Χ			Χ			
51	5891	Colonial Pin Top	1.25 x 34	X		Χ				X
51	5891	Colonial Pin Top	1.25 x 36	Χ		Χ				X
51	5891	Colonial Pin Top	1.25 x 39	Χ		Χ				X
51	5891	Colonial Pin Top	1.25 x 42	Χ		Χ				X
51	5892	Colonial Pin Top	1.25 x 34	Χ		Χ				X
51	5892	Colonial Pin Top	1.25 x 36	Χ		Χ				X
51	5892	Colonial Pin Top	1.25 x 39	Χ		Χ				Χ
51	5892	Colonial Pin Top	1.25 x 42	Χ		Χ				Х
51	5894	Colonial Pin Top	1.25 x 34	Χ		Χ				Х
51	5894	Colonial Pin Top	1.25 x 36	Χ		Χ				Χ
51	5894	Colonial Pin Top	1.25 x 39	Χ		Χ				Χ
51	5894	Colonial Pin Top	1.25 x 42	Χ		Χ				Χ
47	8515	Jefferson Pin Top Plain	1.75 x 35	Χ	Х					
47	8515	Jefferson Pin Top Plain	1.75 x 37.5	Х	Х					
47	8515	Jefferson Pin Top Plain	1.75 x 39	Χ	Χ					
47	8515	Jefferson Pin Top Plain	1.75 x 44	Χ	Χ					
47	8515 F	Jefferson Pin Top Flute	1.75 x 35	Х	Χ					
47	8515 F	Jefferson Pin Top Flute	1.75 x 37.5	Χ	Χ					
47	8515 F	Jefferson Pin Top Flute	1.75 x 39	Х	Χ					
47	8515 F	Jefferson Pin Top Flute	1.75 x 44	Χ	Χ					
47	8515 R	Jefferson Pin Top Rope	1.75 x 35	Х	Χ					
47	8515 R	Jefferson Pin Top Rope	1.75 x 37.5	X	Х		_			
47	8515 R	Jefferson Pin Top Rope	1.75 x 39	Х	Х		_			
47	8515 R	Jefferson Pin Top Rope	1.75 x 44	Х	Х		_			
41	9005	W'burg Square Top Plain	1.75 x 35	X	X					
41	9005	W'burg Square Top Plain	1.75 x 37.5	X	Х					
41	9005	W'burg Square Top Plain	1.75 x 39	X	X					
41	9005	W'burg Square Top Plain	1.75 x 44	X	X					
41	9005 F	W'burg Square Top Flute	1.75 x 35	X	X					_
41	9005 F	W'burg Square Top Flute	1.75 x 37.5 1.75 x 39	X	X					_
41	9005 F 9005 F	W'burg Square Top Flute	1.75 x 39	X	X					_
41	9005 R	W'burg Square Top Flute	1.75 x 44 1.75 x 35	X	X					_
41	9005 R	W'burg Square Top Rope W'burg Square Top Rope	1.75 x 37.5	X	X					_
41	9005 R	W'burg Square Top Rope	1.75 x 37.5	X	X					_
41	9005 R	W'burg Square Top Rope	1.75 x 44	X	X					_
41	9015	W'burg Pin Top Plain	1.75 x 44 1.75 x 35	X	X					_
41	9015	W'burg Pin Top Plain	1.75 x 37.5	X	X					_
41	9015	W'burg Pin Top Plain	1.75 x 39	X	X			_		_
41	9015	W'burg Pin Top Plain	1.75 x 44	X	X			_		_
41	9015 F	W'burg Pin Top Flute	1.75 x 44 1.75 x 35	X	X		-		-	
41	9015 F	W'burg Pin Top Flute	1.75 x 37.5	X	X		-		-	ı
41	9015 F	W'burg Pin Top Flute	1.75 x 37.5	X	X		$\vdash$		-	
41	9015 F	W'burg Pin Top Flute	1.75 x 39	X	X		-		-	ı
41	9015 R	W'burg Pin Top Rope	1.75 x 44 1.75 x 35	X	X		$\vdash$		-	
41	9015 R	W'burg Pin Top Rope	1.75 x 37.5	X	X		-		-	f
41	9015 R	W'burg Pin Top Rope	1.75 x 37.5	X	X		$\vdash$		$\vdash$	
41	9015 R	W'burg Pin Top Rope	1.75 x 39	X	X					

Mac	nd New	ale										
VVUC	Ju New	612		-2				-2			ine	ak
				Red Oak	lar	ch	ple	nlock	1117	ned	Yellow Pine	White Oak
pg.	Model	Description	Size	Rea	Pop	Bee	Ma	He	Che	Pri	Yell	Wb
46	3010	Carolina Univ. OTP Plain	3.5 x 43	/(	Χ		Χ					
46 46	3010 8 3010 F	Carolina Univ. OTP Octag.  Carolina Univ. OTP Flute	3.5 x 43 3.5 x 43	X	Х		Х					
46	3010 T	Carolina Univ. OTP Twist	3.5 x 43	X	Х		Х					
46	3012	Carolina Rake OTP Plain	3 x 43	X	Χ		Χ					
46 46	3013 3013 8	Carolina Volute OTP Plain Carolina Volute OTP Octag.	3.5 x 41 3.5 x 41	X			Х					
46	3013 F	Carolina Volute OTP Flute	3.5 x 41	Х	Х		Χ					
46	3013 T	Carolina Volute OTP Twist	3.5 x 41	Х	Χ		Χ					
46 46	3014 3014 8	Carolina Univ. OTP Plain Carolina Univ. OTP Octag.	3.5 x 48 3.5 x 48	X	Х		Х					
46	3014 6 3014 F	Carolina Univ. OTP Flute	3.5 x 48	X	Х		Х	_			_	
46	3014 T	Carolina Univ. OTP Twist	3.5 x 48	Х	Χ		Χ					
46	3015	Carolina Inter. OTP Plain	3.5 x 56	X	Χ		Χ					
46 46	3015 8 3015 F	Carolina Inter. OTP Octag.  Carolina Inter. OTP Flute	3.5 x 56 3.5 x 56	X	Х		Х	_				
46	3015 T	Carolina Inter. OTP Twist	3.5 x 56	X	Х		Х					
46	3018	Carolina Winder OTP Plain	3.5 x 72	Χ			Χ					
46 46	3018 8 3018 F	Carolina Winder OTP Octag.  Carolina Winder OTP Flute	3.5 x 72 3.5 x 72	X	Х							
46	3018 T	Carolina Winder OTP Twist	3.5 x 72	X	X							
46	3040	Carolina Univ. PTP Plain	3.5 x 48	Х	Χ		Χ					
46	3040 8	Carolina Univ. PTP Octag.	3.5 x 48	X			.,					
46 46	3040 F 3040 T	Carolina Univ. PTP Flute Carolina Univ. PTP Twist	3.5 x 48 3.5 x 48	X	X		X	_			_	
46	3042	Carolina Univ. PTP Plain	3.5 x 56	X	X		Х	_				
46	3042 8	Carolina Univ. PTP Octag.	3.5 x 56	Х								
46	3042 F	Carolina Univ. PTP Flute	3.5 x 56	X	X		X					
46 46	3042 T 3045	Carolina Univ. PTP Twist Carolina 2nd-F.L. PTP Plain	3.5 x 56 3.5 x 58	X	X		X	_				
46	3045 8	Carolina 2nd-F.L. PTP Octag.	3.5 x 58	X								
46	3045 F	Carolina 2nd-F.L. PTP Flute	3.5 x 58	Χ	Χ		Χ					
46 46	3045 T 3046	Carolina 2nd-F.L. PTP Twist Carolina Winder PTP Plain	3.5 x 58 3.5 x 72	X	Х		Х					
46	3046 8	Carolina Winder PTP Octag.	3.5 x 72	X	_		_	_			_	
46	3046 F	Carolina Winder PTP Flute	3.5 x 72	Х	Χ							
46	3046 T	Carolina Winder PTP Twist	3.5 x 72	X	Х							
46 46	3047 3047 8	Carolina Inter. PTP Plain Carolina Inter. PTP Octag.	3.5 x 58 3.5 x 58	X	Х		Х					
46	3047 F	Carolina Inter. PTP Flute	3.5 x 58	X	Χ		Х					
46	3047 T	Carolina Inter. PTP Twist	3.5 x 58	Χ	Χ		Χ					
46 46	3055 3055 8	Carolina Winder PTP Plain Carolina Winder PTP Octag.	3.5 x 72 3.5 x 72	X			Х					
46	3055 F	Carolina Winder PTP Flute	3.5 x 72	X	Х		_	_			_	
46	3055 T	Carolina Winder PTP Twist	3.5 x 72	Х	Χ							
40	3209	Sierra Rake OTP	3 x 43	X	X		X		Х			
40 40	3214 3215	Sierra Univ. OTP Sierra Inter. OTP	3 x 48 3 x 58	X	X		X		X			
40	3240	Sierra Univ. PTP	3 x 48	X	Х		Х		Х			
40	3242	Sierra Univ. PTP	3 x 54	Χ	Χ		Χ		Χ			
40 40	3245 3246	Sierra 2nd-F.L. PTP Sierra Inter. PTP	3 x 58	X	X		X		Х			
40	3314	Sierra Univ. OTP	3.5 x 48	X	Х		X	_	Χ		_	
40	3315	Sierra Inter. OTP	3.5 x 56	Х	Χ		Χ		Χ			
40	3340	Sierra Univ. PTP	3.5 x 48	X	X		X					
40 40	3342 3345	Sierra Univ. PTP Sierra 2nd-F.L. PTP	3.5 x 56 3.5 x 56	X	X		X		X			
53	4000	Classic Univ.	3.5 x 48	X	Х	Χ	Х	Χ				
53	4001	Classic Inter.	3.5 x 56	Χ	Χ		Χ	Χ	Χ			
53 53	4002	Classic Univ. Classic Inter.	4 x 48 4 x 56	X	X							
50	4003 4004	Hampton Univ. Mush PTP	3.5 x 48	X	X	Х	Х					
50	4004S	Hampton Univ. Spade PTP	3.5 x 48	Х	Χ		Χ					
50	4004B	Hampton Univ. Ball PTP	3.5 x 48	X	X	34	X	X				
50 50	4005 4005S	Hampton Inter. Mush PTP Hampton Inter. Spade PTP	3.5 x 56 3.5 x 56	X	X	X	X	X				
50	4005B	Hampton Inter. Ball PTP	3.5 x 56	X	X	X	X	X				
50	4006	Hampton Winder Mush PTP	3.5 x 72	Х		Χ	Χ					
50	4006S	Hampton Winder Spade PTP	3.5 x 72	X	X	X	X					
50 52	4006B 4010	Hampton Winder Ball PTP Colonial Univ. OTP	3.5 x 72 3 x 43	X	X	X	X		Х			
52	4011	Colonial Volute, Turnout OTP	3 x 43	X	Х	X	Х		Х			
52	4013	Colonial Rake OTP	3 x 43	Х	Х	X	Х		Х			
52 52	4014 4015	Colonial Univ. OTP Colonial Inter. OTP	3 x 48 3 x 58	X	X	X	X	X	X			Χ
52	4018	Colonial Winder OTP	3 x 72	X	٨	X	Х	٨	Х			
												_

		ls		Red Oak	lar	ch	ple	Hemlock	777	Primed	Yellow Pine	
pg.	Model	Description	Size	Red	Pop	Вее	Maple	Нек	Cherry	Prin	Yell	
52	4040	Colonial Univ. Mush PTP	3 x 48	Χ	χ	Χ	Х	Χ	Χ	Χ	Х	Ī
52	4040B	Colonial Univ. Ball PTP	3 x 48	Х	Χ	Χ	Х	Χ	Χ	Χ		1
52	4041	Colonial 2nd-F.L. PTP	3 x 48	Х			Х					1
52	4042	Colonial Univ. Mush PTP	3 x 54	Х	Х	Χ	Х	Χ	Х	Χ		1
52	4042B	Colonial Univ. Ball PTP	3 x 54	Х	Х	Χ	Х	Χ	Χ	Χ		1
52	4045	Colonial 2nd-F.L. Mush PTP	3 x 58	Х	Х	Χ	Х	Χ	Х	Χ		İ
52	4045B	Colonial 2nd-F.L. Ball PTP	3 x 58	Х	Х	Χ	Х	Χ	Χ	Χ		İ
52	4046	Colonial Inter. Mush PTP	3 x 72	Х	Х	Χ	Х		Χ			İ
52	4046B	Colonial Inter. Ball PTP	3 x 72	Х	Х	Χ	Х		Χ			İ
52	4047	Colonial Inter. Mush PTP	3 x 54	Х	Х	Χ	Х		Х			1
52	4047B	Colonial Inter. Ball PTP	3 x 54	Х	Х	Χ	Х		Х			1
52	4050	Colonial OTP Plain	2.25 x 43	Х	_	_	Х		Х			1
	4055	Colonial Univ. Mush PTP	3 x 72	X	_	Х	_		Х			t
52	4055B	Colonial Univ. Ball PTP	3 x 72	X	-	_	Х		Х			t
52	4060	Colonial OTP Plain	2.75 x 43	X	_	_	Х		Х		_	ł
33	4076	Box Newel	3.5 x 58	X	_	X			٨	V	Х	+
33	4076B	Sleeve		X	_	X	_			X	-	+
			5.03 x 23.15	_	^	٨	_				٨	4
33	4082	Junior Box Newel	4.25 X 56.5	X			X			X		4
33	4082B	Sleeve	5.81 X 23.88	X	Х		Х			X	_	4
34	4083	Junior Box Newel	4.25 X 56.5	Χ			Χ			Χ	_	1
	4085	Colonial PTP Plain	4.5 x 48	Х		Х			$\perp$		_	ļ
53	4086	Colonial PTP Plain	3 x 43.5	Χ		Χ						
53	4087	Colonial PTP Plain	3 x 60	Χ	L	Χ	L					
53	4088	Colonial PTP Plain	3 x 67.5	Χ		Χ						Ī
53	4090	Colonial PTP Plain	4.5 x 60	Х		Χ						1
33	4091	Box Newel	6.25 x 55	Χ	Х	Χ	Χ		Χ	Χ	Χ	Ī
33	4092	Box Newel Flute	7.5 x 56	Х			Χ		Χ	Χ		Ī
34	4093	Box Newel Panel	7.5 x 56	Х			Х		Χ	Χ		Ī
	4094	Box Newel	4 x 58		Х					Х		i
35	4094B	Sleeve	5.53 X 23.84		Х					X		
35		Box Newel Flute	4 x 58						Н	X	_	
35		Box Newel	4 x 58						_	X	_	-
										_		
35		Box Newel Flute	4 x 58		-		-			X		-
35	4094 NCT		4 X 58		_				ш	X	_	_
35		Box Newel Flute	4 X 58				_			X	_	_
35	4095	Box Newel	5 X 58		Х					Χ	_	_
	4095B	Sleeve	6.53 X 23.85		Х					Χ		
35	4095 F	Box Newel Flute	5 X 58							Х		
35		Box Newel	5 x 58							Χ		
35	4095 NSF	Box Newel Flute	5 x 58							Χ		
36	4095 NCT	Box Newel	5 X 58							Χ		Ī
36	4095 FNCT	Box Newel Flute	5 X 58							Χ		
34	4096	Mitered Corner Newel	7.5 x 56	Χ								1
34	4097	Panel Newel	4.25 x 56	Χ	Х		Х					Ī
34	4098	Panel Newel	7.5 x 56	Χ	Х		Х					Ī
52	4180	Colonial Univ. Mush PTP	3 x 48	Χ	Х		Х					Ī
52	4180B	Colonial Univ. Ball PTP	3 x 48	Х	Х	Χ	Х		Х			
52	4181	Colonial Univ. Mush PTP	3 x 48	X	_		Х		Х			
52	4181B	Colonial Univ. Ball PTP	3 x 48	X	_	Х	_		Х			
52	4182	Colonial Inter. Mush PTP	3 x 56	X	-	А	X		Х			
				_	-		_		-			-
52	4182B	Colonial Inter. Ball PTP	3 x 56	X	X		X		Х			-
52	4185	Colonial 2nd F.L. Mush PTP	3 x 56	X	Х	1/	X		v		-	_
52	4185B	Colonial 2nd F.L. Ball PTP	3 x 56	X	1/	Х	X		Х		$\vdash$	-
52	4186	Colonial Inter. Mush PTP	3 x 58	X	X	2.0	X		11		_	_
52	4186B	Colonial Inter. Ball PTP	3 x 58	Х	Х	Χ	Х		Х		$\vdash$	
33	4191	Large Box Newel	8 x 56	Х			Х					
52	4195	Colonial Winder Mush PTP	3 x 72	Χ	Χ		Х				$\perp$	
52	4195B	Colonial Winder Ball PTP	3 x 72	Χ	Χ	Χ	Х					
50	4212	Hampton Rake OTP Plain	3 x 43	Х	L		Х				L	1
50	4270	Hampton Univ. OTP Plain	3.5 x 43	Χ	Χ		Х					1
50	4270 8	Hampton Univ. OTP Octag.	3.5 x 43	Χ								1
50	4272	Hampton Volute OTP Plain	3.5 x 41	Χ			Х					Ì
50	4272 8	Hampton Volute OTP Octag.	3.5 x 41	Х					$\neg$			İ
50	4274	Hampton Univ. OTP Plain	3.5 x 48	Х	Χ		Х					
50	4274 8	Hampton Univ. OTP Octag.	3.5 x 48	X	<u> </u>		<u> </u>		Н			
50	4275	Hampton Inter. OTP Plain	3.5 x 56	X	Х		Х		Н			
50	4275 8	Hampton Inter. OTP Octag.	3.5 x 56	X	^		^		$\vdash$			+
							v		$\vdash$			-
50	4278	Hampton Winder OTP Plain	3.5 x 72	X			Х		$\vdash$		$\vdash$	_
50	4278 8	Hampton Winder OTP Octag.	3.5 x 72	X					$\vdash$		_	_
53	4300	Classic Univ.	3 x 43	Х	Х		Х		$\vdash$		$\vdash$	
53	4301	Classic Inter.	3 x 48	Х	Х	Χ	Х					
53	4302	Classic Inter.	3 x 58	Χ	Χ		Х					
50	4500	Hampton Univ. PTP Plain	3.5 x 48	Χ	Χ	Χ	Х	Χ				1
50	4500 8	Hampton Univ. PTP Octag.	3.5 x 48	Х								1
50	4502	Hampton Univ. PTP Plain	3.5 x 56	Х	Х		Х	Х				Ī
		Hampton Univ. PTP Octag.	3.5 x 56	Х					-			
50	4502 8											

				ak				ck		7	yany
		n	0:	Red Oak	oplar	eech	Maple	emlo	herry	rimed	labog
pg.	Model	Description	Size		P	В	2	I	0	P	2
50 50	4503 8 4505	Hampton 2nd-F.L. PTP Octag. Hampton Inter. PTP Plain	3.5 x 56 3.5 x 72	X		_	Х	_			
50	4505 8	Hampton Inter. PTP Octag.	3.5 x 72	X			٨		-		_
50	4507	Hampton 2nd-F.L. PTP Plain	3.5 x 48	X		_	Х	_			_
50	4507 8	Hampton 2nd-F.L. PTP Octag.	3.5 x 48	Х							_
50	4508	Hampton Inter. PTP Plain	3.5 x 58	Χ	Χ	Χ	Χ				
50	4508 8	Hampton Inter. PTP Octag.	3.5 x 58	Χ							
50	4664	Hampton Univ. PTP	4.5 x 48	Χ							
50	4665	Hampton Univ. PTP	4.5 x 56	Χ							
44	4810	1800s Univ. OTP Plain	3.5 x 43	X		_			Χ		Χ
44	4810 8	1800s Univ. OTP Octag.	3.5 x 43	X		_			V		V
44	4810 D 4812	1800s Univ. OTP Reed 1800s Rake OTP Plain	3.5 x 43 3 x 43	X					X		Х
44	4813	1800s Volute OTP Plain	3.5 x 40.5	X				_	Х		Х
44	4813 8	1800s Volute OTP Octag.	3.5 x 40.5	X					Λ		
44	4813 D	1800s Volute OTP Reed	3.5 x 40.5	Х					Χ		_
44	4814	1800s Univ. OTP Plain	3.5 x 48	Χ					Χ		Χ
44	4814 8	1800s Univ. OTP Octag.	3.5 x 48	Χ							_
44	4814 D	1800s Univ. OTP Reed	3.5 x 48	Χ					Χ		Χ
44	4825	1800s Inter. OTP Plain	3.5 x 56	Χ					Χ		Χ
44	4825 8	1800s Inter. OTP Octag.	3.5 x 56	Χ							
44	4825 D	1800s Inter. OTP Reed	3.5 x 56	Χ					Χ		Х
44	4842	1800s Univ. PTP Plain	3.5 x 56	X					Χ		Χ
44	4842 B 4842 D	1800s Univ. PTP Octag. 1800s Univ. PTP Reed	3.5 x 56 3.5 x 56	X		_		_	Х		
44	4845 D	1800s 2nd-F.L. PTP Plain	3.5 x 56	X					Х		Χ
44	4845 8	1800s 2nd-F.L. PTP Octag.	3.5 x 56	X		_			٨		
44	4845 D	1800s 2nd-F.L. PTP Reed	3.5 x 56	X		_					_
44	4866	1800s Inter. PTP Plain	3.5 x 58	Х					Х		Χ
44	4866 8	1800s Inter. PTP Octag.	3.5 x 58	Χ							
44	4866 D	1800s Inter. PTP Reed	3.5 x 58	Χ							
48	8510	Jefferson Univ. OTP Plain	3.5 x 43	Χ							
48	8510 F	Jefferson Univ. OTP Flute	3.5 x 43	Χ							
48	8510 R	Jefferson Univ. OTP Rope	3.5 x 43	Χ							
48	8512	Jefferson Rake OTP Plain	3 x 43	X		_			_		_
48 48	8513 8513 F	Jefferson Volute OTP Plain Jefferson Volute OTP Flute	3.5 x 41 3.5 x 41	X		_		_			
48	8513 R	Jefferson Volute OTP Rope	3.5 x 41	X	_	_		_			_
48	8514	Jefferson Univ. OTP Plain	3.5 x 48	X	_	_		_			_
48	8514 F	Jefferson Univ. OTP Flute	3.5 x 48	X		_					_
48	8514 R	Jefferson Univ. OTP Rope	3.5 x 48	Х							_
48	8525	Jefferson Inter. OTP Plain	3.5 x 56	Χ							_
48	8542	Jefferson Univ. PTP Plain	3.5 x 56	Χ							
48	8542 F	Jefferson Univ. PTP Flute	3.5 x 56	Χ							
48	8542 R	Jefferson Univ. PTP Rope	3.5 x 56	Χ							
48	8545	Jefferson 2nd-F.L. PTP Plain	3.5 x 56	X							
48	8545 F	Jefferson 2nd-F.L. PTP Flute	3.5 x 56	X		_			_		
48	8545 R 8547	Jefferson 2nd-F.L. PTP Rope Jefferson Inter. PTP Plain	3.5 x 56	X		_		_			
48 48	8547 F	Jefferson Inter. PTP Flute	3.5 x 58 3.5 x 58	X					-		
48	8547 R	Jefferson Inter. PTP Rope	3.5 x 58	X		_					_
42	9012	W'burg Univ. OTP Plain	3.5 x 48	X		_					_
42	9012 F	W'burg Univ. OTP Flute	3.5 x 48	X				_			_
42	9012 R	W'burg Univ. OTP Rope	3.5 x 48	Х							_
42	9013	W'burg Volute OTP Plain	3.5 x 40.5	Χ							
42	9013 F	W'burg Volute OTP Flute	3.5 x 40.5	Χ							
42	9013 R	W'burg Volute OTP Rope	3.5 x 40.5	Χ							
42	9025	W'burg Inter. OTP Plain	3.5 x 56	Χ							
42	9025 F	W'burg Inter. OTP Flute	3.5 x 56	Χ							
42	9025 R	W'burg Inter. OTP Rope	3.5 x 56	X							
42	9043	W'burg Univ. PTP Plain	3.5 x 56	X					_		
42	9043 F 9043 R	W'burg Univ. PTP Flute	3.5 x 56	X							
42 42	9043 K 9048	W'burg Univ. PTP Rope W'burg Int. & 2nd F.L. PTP Pla	3.5 x 56	X					-		_
42	9048 F	W'burg Int. & 2nd F.L. PTP Flu		X							_
42	9048 R	W'burg Int. & 2nd F.L. PTP Ro		X							

All dimensions in inches.



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