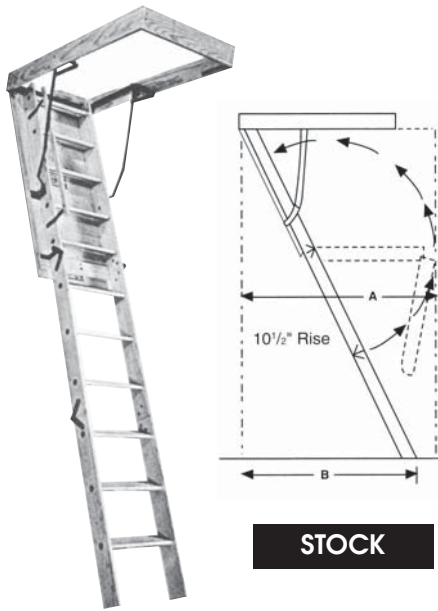


# Attic Folding Stairways



**STOCK**

### Features of a Memphis Wood Folding Stairway:

- Highest Quality Southern Yellow Pine components
- UNI-FRAME Construction - each wood or metal part braces another
- All Treads are nosed, beveled and face grooved for better traction
- 3/16" Steel Rod under each tread for reinforcement
- Full width piano hinge
- "A" Grade Plywood Door Panel - completely framed for added rigidity
- Adjustable Spring Tension
- Hardware is plated, painted or galvanized to prevent rust
- Moulded wood handrail
- Completely Assembled - Ready to Install

**EXCEL** - Standard Duty

**IMPERIAL** - Heavy duty  
HY VIZ Bright Orange Treads

**ULTIMATE** - Extra Duty  
Heavy Duty Hardware

**THERMOGARD** - (R 6) Insulation Panel

Code		Finished Ceiling Height	Rough Opening	( A ) Projection	( B ) Landing Space	Frame	Tread	Stile	Weight Capacity
SOSTPT	<b>Excel Slimline</b>	8' 5"	22" x 48"	63"	54"	1" x 4"	1" x 4"	1" x 4"	250
SOSTPT	<b>Excel Slimline</b>	8' 9"	22" x 54"	66"	56"	1" x 4"	1" x 4"	1" x 4"	250
SOSTPT	<b>Excel Slimline</b>	10' 3"	22" x 54"	75"	64"	1" x 4"	1" x 4"	1" x 4"	250
<b>STAIR89</b>	<b>Excel</b>	8' 9"	25 1/2" x 54"	66"	56"	1" x 4"	1" x 4"	1" x 4"	250
SOSTPT	<b>Excel w/ Thermogard</b>	8' 9"	25 1/2" x 54"	66"	56"	1" x 4"	1" x 4"	1" x 4"	250
STAIR100	<b>Excel</b>	10' 3"	25 1/2" x 54"	75"	64"	1" x 4"	1" x 4"	1" x 4"	250
SOSTPT	<b>Premium Aluminum w/ Thermogard</b>	8' 9"	25 1/2" x 54"	66"	56"	1" x 4"	Aluminum	Aluminum	300
STAIR89IMP	<b>Imperial</b>	8' 9"	25 1/2" x 54"	68"	57"	1" x 5"	1" x 6"	1" x 5"	300
SOSTPT	<b>Imperial w/ Thermogard</b>	8' 9"	25 1/2" x 54"	68"	57"	1" x 5"	1" x 6"	1" x 5"	300
SOSTPT	<b>Imperial</b>	10' 3"	25 1/2" x 54"	77"	65"	1" x 5"	1" x 6"	1" x 5"	300
SOSTPT	<b>Ultimate w/ Thermogard</b>	8' 9"	25 1/2" x 54"	66"	56"	1" x 6"	2" x 5"	2" x 4"	350

## Draft Cap® . . . the Attic Stair Insulator



**R Values R= 12**



**CODE = DRAFTCAP**

- ◆ Energy is lost through the uninsulated attic stair access panel.
- ◆ Draft Cap covers your attic stair opening to prevent air flow.
- ◆ Draft Cap meets all local and federal energy codes
- ◆ Draft Cap will save you \$\$ money on your heating and air conditioning bills

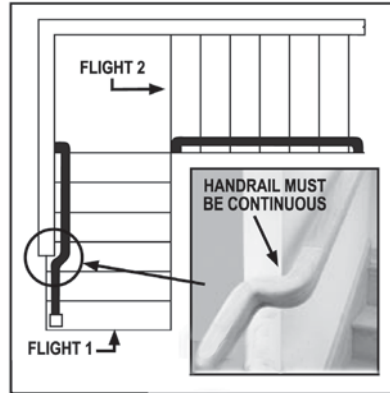
Inside Height: 10<sup>9</sup>/<sub>16</sub>"  
Width: 31"  
Length: 59<sup>1</sup>/<sub>2</sub>"  
Weight:  
Approx. 8 lbs



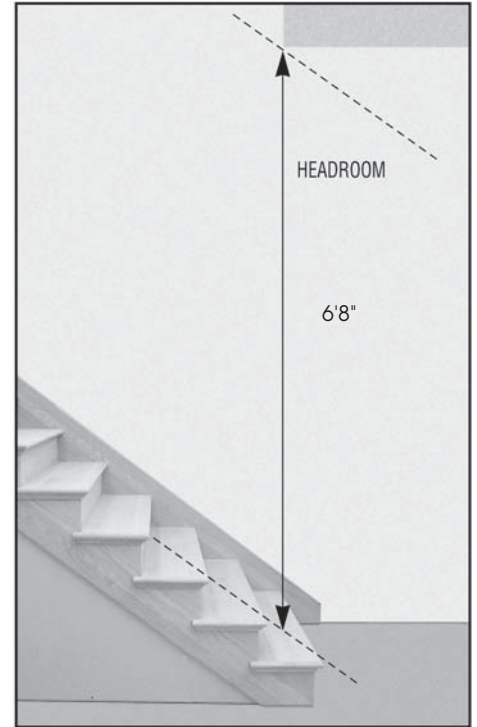


**WIDTH**

Minimum width of stairs is normally 36". These codes usually do not include handrail projections, which are discussed at right. Note: For two people to pass comfortably and for allowance of the passage of furniture, 42" wide and larger stairs are recommended.

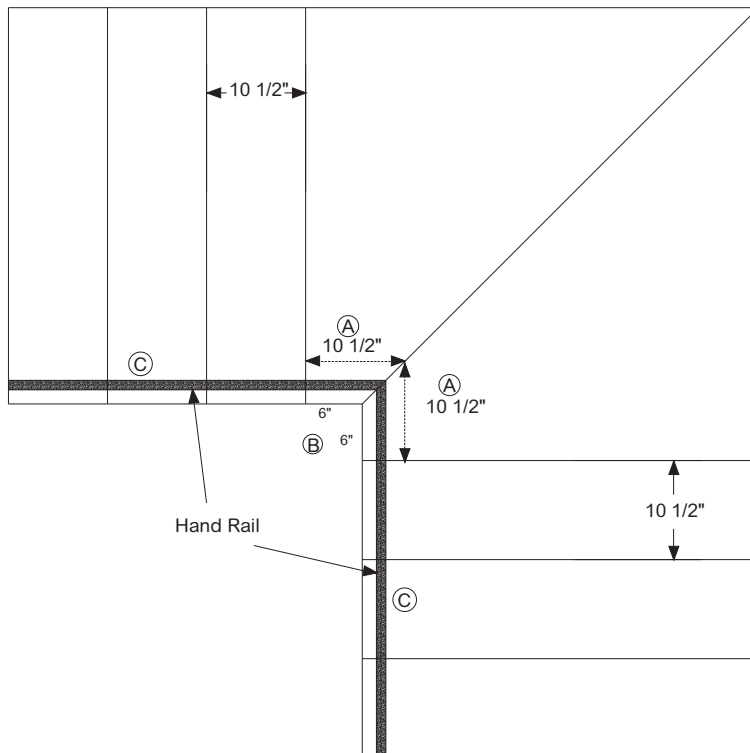


- Rail must be continuous on full length of stairway.



**HEADROOM**

Minimum headroom codes vary but are generally measured vertically from the lowest portion of the ceiling to a point along the imaginary line connecting the tread nosings.



**WINDER**

- Width of the tread at a point not more than 12" from side where tread is narrowest must be equal to the tread depth of a straight run tread.
- The minimum depth of any tread is no less than 6".
- The continuous rail must be on the side where the tread is narrowest.
- Rail must be continuous.
- Within any flight of stairs, the largest winder tread depth at 12" walk line shall not exceed the smallest by more than 3/8".

Always check and understand local building codes before specifying ANY stair parts.



**RAKE RAIL HEIGHT**

Rake rail heights are measured from top of the leading edge of the nosing to the point at the top of the rail directly above.

**BALUSTER SPACING**

A sphere 4-3/8 in Dia. cannot pass through.

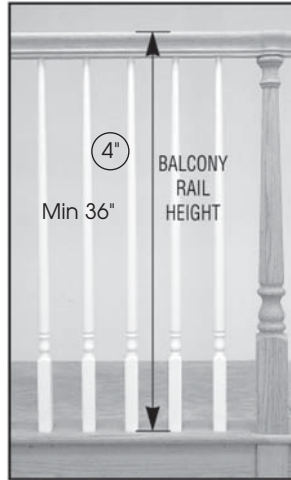
**HANDRAIL GRIP SIZE**  
Round Rail



Min. 1-1/4" Dia.  
Max. 2" Dia

**PROFILE RAIL**

Max. Diameter 2-3/4"



**BALCONY RAIL HEIGHT**

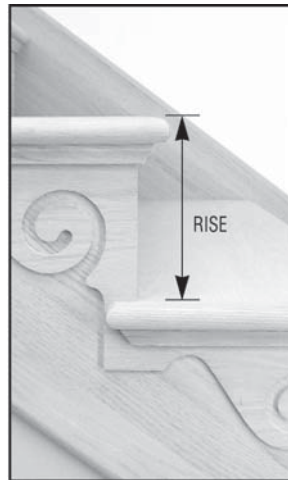
Balcony rail heights are measured from the finished floor surface to the top of the level rail.

**BALUSTER SPACING**

A sphere 4" in Dia. cannot pass through.



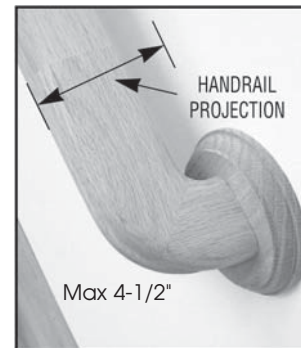
A related "sphere code" relates to a stair that uses shoe rail on an open stair. The size of the triangle formed by the tread, risers, and the bottom of the shoe rail is also governed by a sphere size, usually 6"



IRC 7 3/4" Max  
MA Code 8 1/4" Max

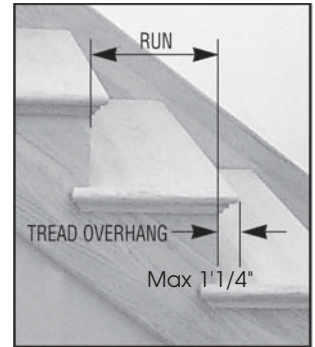
**RISE**

The individual rise measurement of a stair is measured from tread surface to tread surface. Some codes continue by specifying the greatest individual rise within any stair should not exceed the smallest by more than 3/8".



**HANDRAIL PROJECTION**

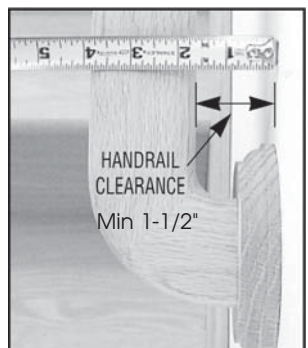
Projection of the handrail into the stair, measured from the edge of the rail to the wall, is generally listed at a maximum of 4 1/2".



IRC 10" Min  
MA Code 9" Min

**RUN**

Individual tread run measurements are from riser line to riser line and do not include the overhang portion of the tread. In addition, most codes require a 3/4" to 1 1/4" tread overhang. Individual measurements of tread run (as well as measurements of tread overhang) cannot vary by more than 3/8" from the smallest to largest.



**HANDRAIL CLEARANCE**

Handrails adjacent to a wall require a space between the wall and the handrail (usually not less than 1 1/2"). This distance must also be kept between a handrail that passes the landing tread of a balcony rail section that returns on the stair.

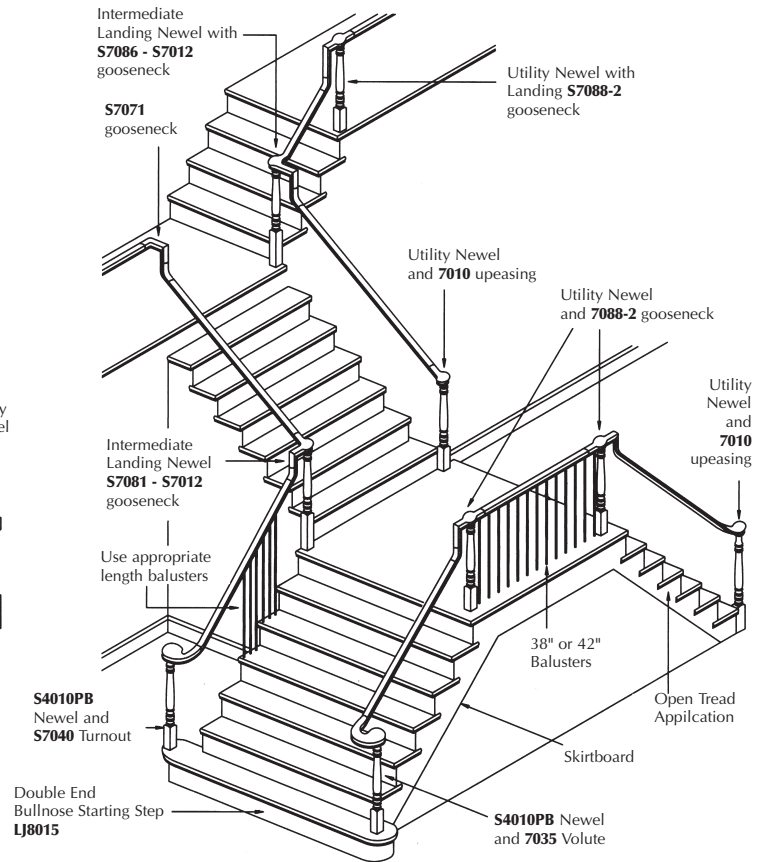
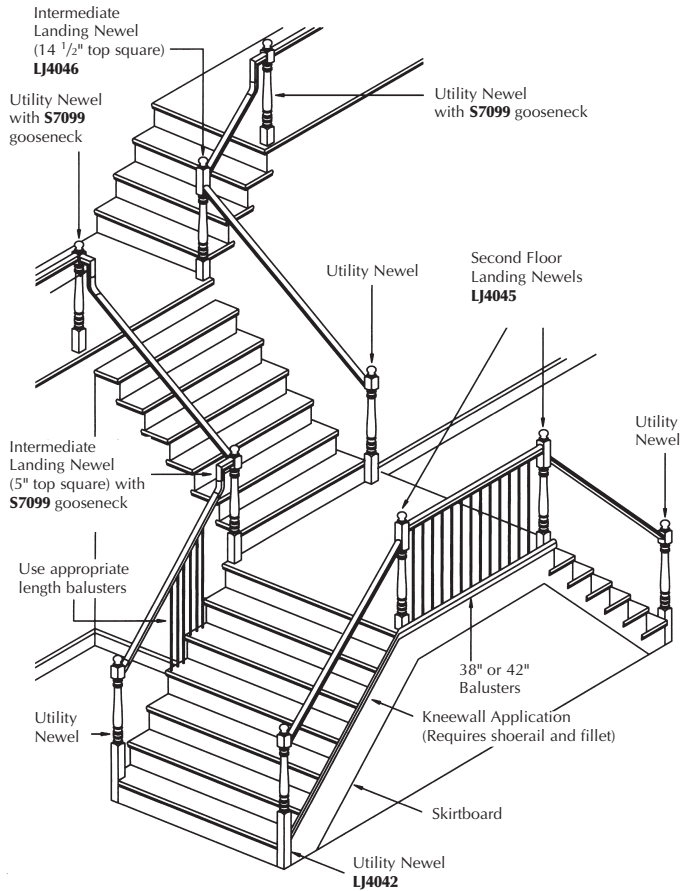
Always check and understand local building codes before specifying ANY stair parts.

# Anatomy of a Stairway

The following diagrams illustrate many typical applications of Post to Post and Over the Post stair systems

## Post to Post System

## Over the Post System



## Glossary of Stair Terms

**Baluster** - A vertical member which helps support the handrail. Usually set on a 4 1/2" center.

**Fitting** - Used when changing height or direction, for example: starting a balustrade (volute, turnout, starting easing with cap), at a landing (landing fitting assembly), and at a balcony.

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

**Newel Post** - The major support for a balustrade system. Newels are larger than balusters and are located at the bottom and top of a stairway or at a turn in the handrail, such as at landing.

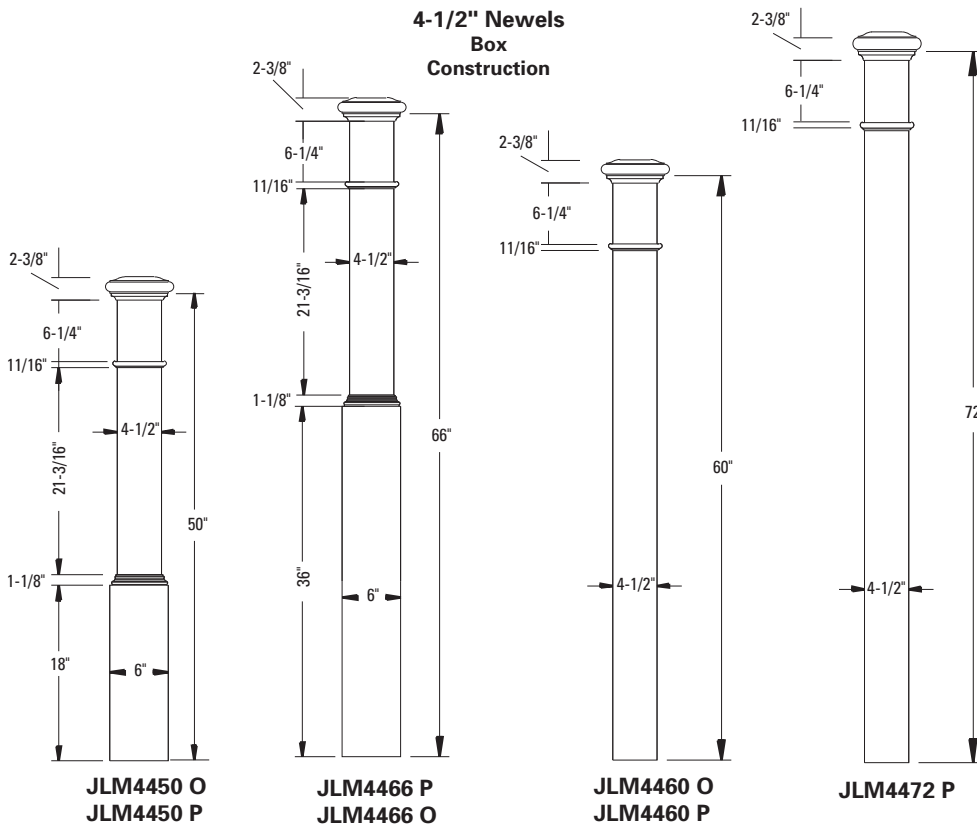
**Riser** - The vertical component of a step which, along with the stringers, supports the treads.

**Starting Step** - The first tread and riser at the bottom of a stairway.

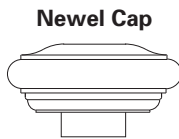
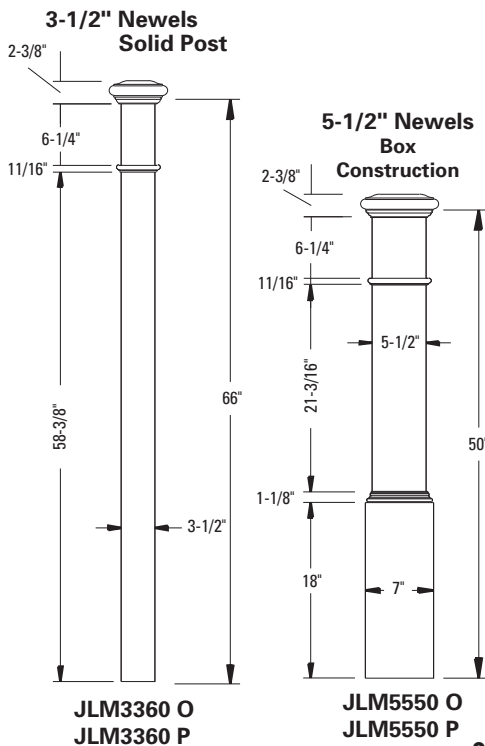
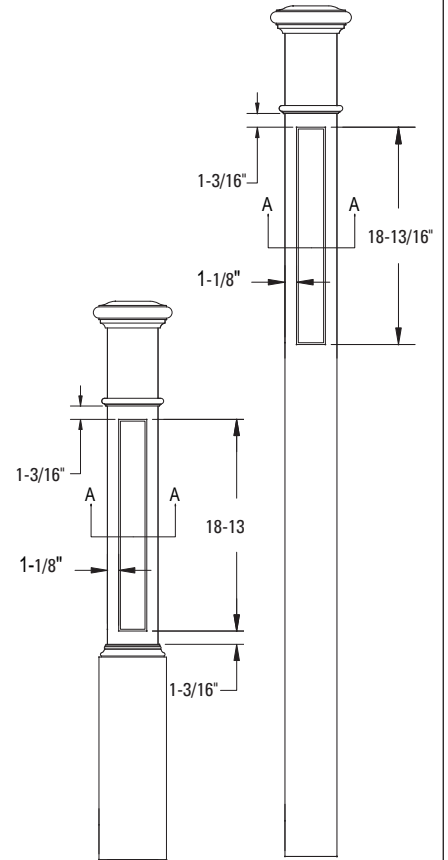
**Tread** - The horizontal component of a step upon which one walks

# Box Newels

Available in Oak and Poplar  
Other Species also Available



All Jackson Box Newels can be special ordered w/ any of the panel options shown below



### Newel Cap

33	44	55	
JLM __ CAPO			Oak
JLM __ CAPC			Cherry
JLM __ CAPM			Mahogany
JLM __ CAPP			Poplar
JLM __ CAPMAP			Maple
JLM __ BRZC			Braz. Cherry



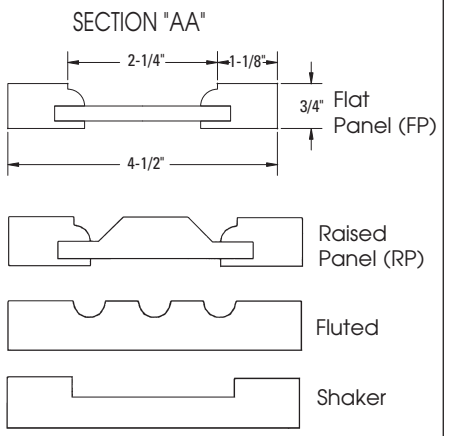
### Neck Molding

JLMNECKBRAZC	Braz. Cherry
JLMNECKC	Cherry
JLMNECKMAP	Maple
JLMNECKM	Mahogany
JLMNECKO	Oak
JLMNECKP	Poplar



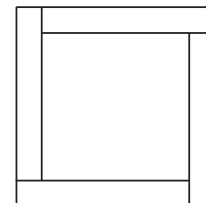
### Base Molding

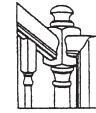
JLMBC118O	Oak
JLMBC118C	Cherry
JLMBC118M	Mahogany
JLMBC118P	Poplar



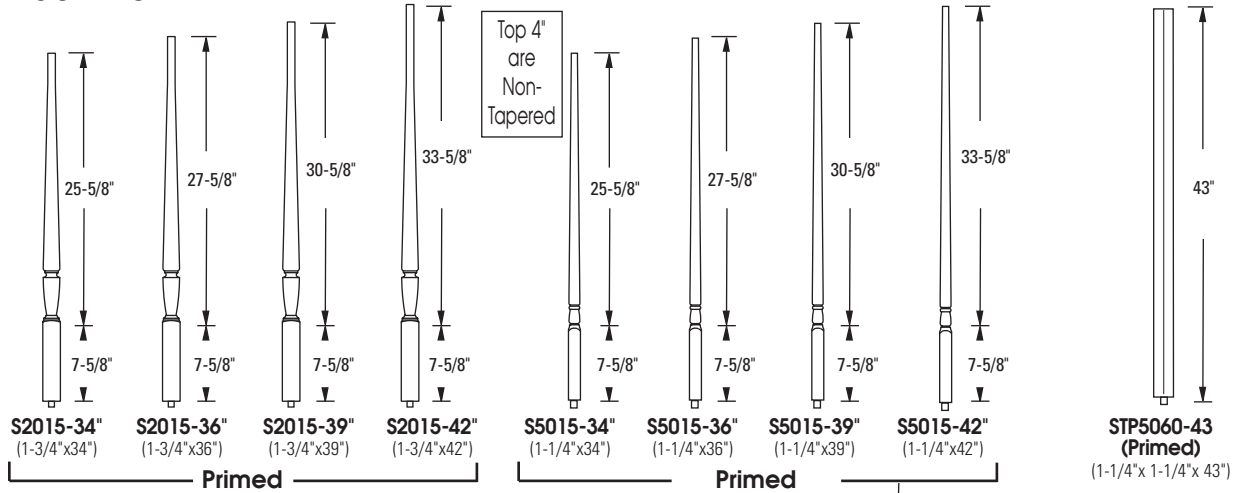
### Standard Features:

- Removable Newel Cap  
For concealed Rail Bolt Connections
- Choice of Cap Species w/any Newel
- Box Construction



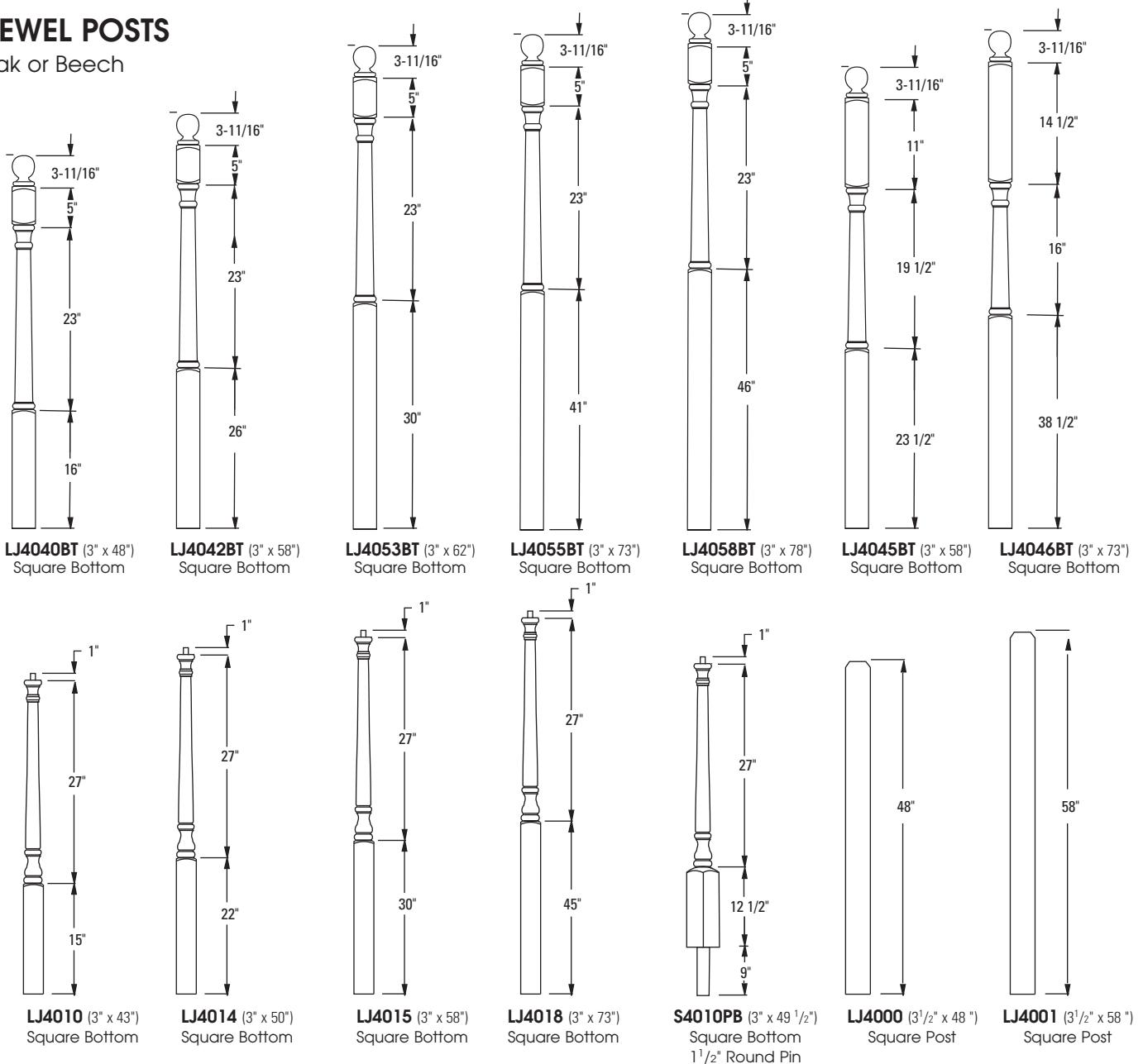


**BALUSTERS**

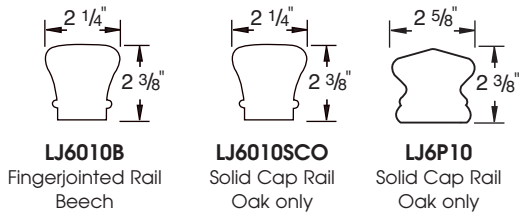


**NEWEL POSTS**

Oak or Beech



**HANDRAIL**  
Oak or Beech



**LJ6P10**  
fittings  
available  
special order



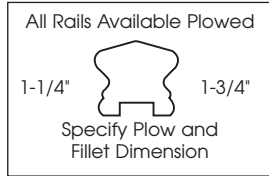
**LJ7026**  
Round Rosette



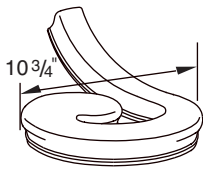
**LJ7027**  
Oval Rosette



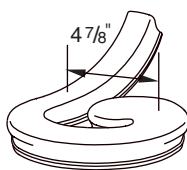
**LJ4099A** (3")  
Newel Drop



**FITTINGS**  
Oak or Beech

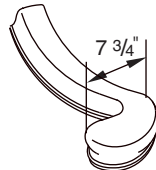


**S7030**  
Left Hand  
Volute

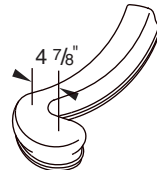


**S7035**  
Right Hand  
Volute

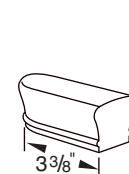
To be used  
with Starting Step  
LJ 8010, LJ 8015  
LJ8210 & LJ 8015  
w/Newel Post LJ 4010 PB



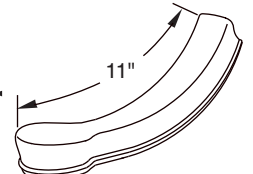
**S7040**  
Left Hand  
Turnout



**S7045**  
Right Hand  
Turnout



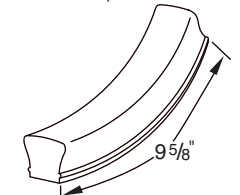
**S7009**  
Returned End



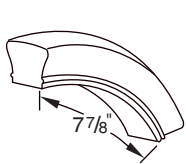
**S7010**  
Starting Easing  
with Cap



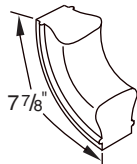
**S7011**  
Level  
Quarterturn



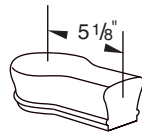
**S7012**  
Up easing 60°



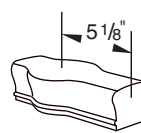
**S7013**  
Over Easing



**S7014**  
Up easing 90°



**S7019**  
Opening Cap



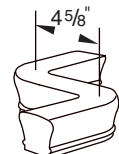
**S7020**  
Tandem Cap



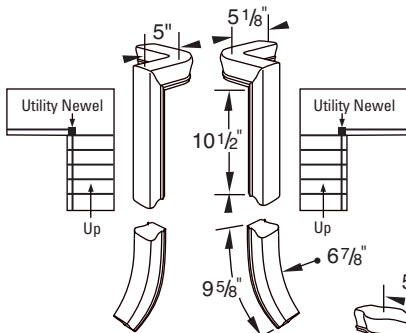
**S7021**  
Quarterturn  
with Cap



**S7047**  
S Curve Fitting  
Left Hand

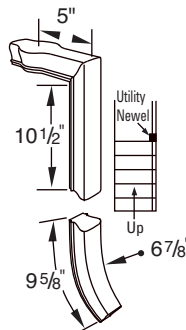


**S7048**  
S Curve Fitting  
Right Hand

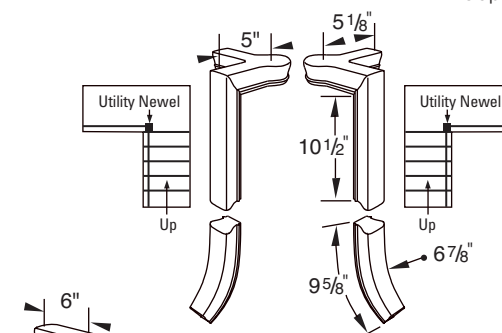


**S7071**  
L.H. 2-Riser  
No Cap

**S7076**  
R.H. 2-Riser  
No Cap

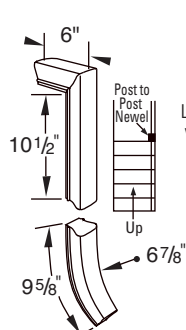


**S7088-2**  
Straight 2-Riser  
With Tandem

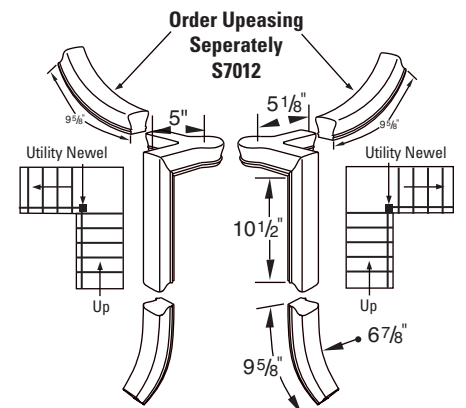


**S7081**  
L.H. 2-Riser  
With Cap

**S7086**  
R.H. 2-Riser  
Without Cap



**S7099**  
Straight 2-Riser  
No Cap

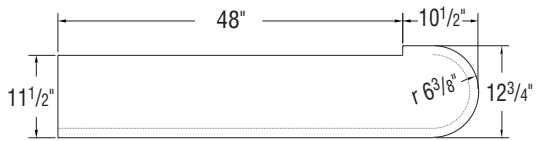


**S7081-S7012**  
L.H. 2-Riser  
With Turn Cap  
& Up easing

**S7086-S7012**  
R.H. 2-Riser  
With Turn Cap  
& Up easing

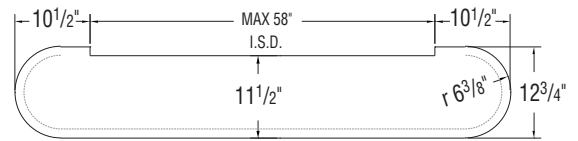
# Starting Steps

## 3/4" Red Oak Tread and Birch Riser



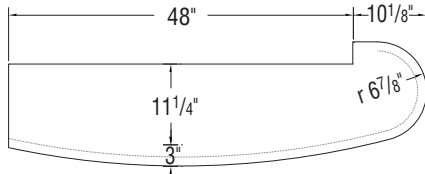
**LJ 8010**

**IN STOCK**

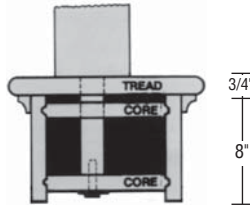


**LJ 8015**

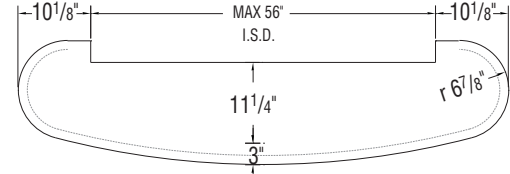
Specify Inside Dimensions



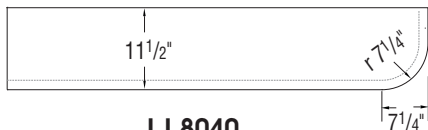
**LJ 8210**  
Special Order



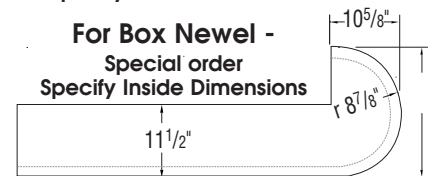
TYPICAL CROSS SECTION  
DETAIL OF A  
STARTING STEP



**LJ 8215**  
Special Order  
Specify Inside Dimensions

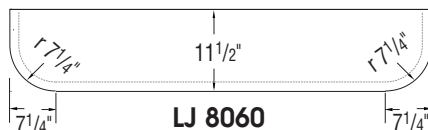


**LJ 8040**

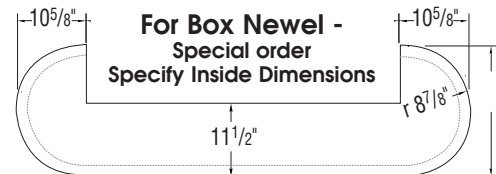


**For Box Newel -**  
Special order  
Specify Inside Dimensions

**LJ 8030**



**LJ 8060**  
Specify Width of Stair



**For Box Newel -**  
Special order  
Specify Inside Dimensions

**LJ 8050**

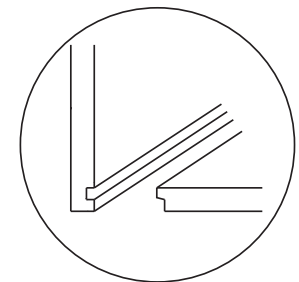
## Stock Treads & Risers

### 3/4" Red Oak Treads Tongued

10 1/2" x 48" LH Return  
11 1/2" x 48" LH Return

10 1/2" x 48" RH Return  
11 1/2" x 48" RH Return

10 1/2" x 48"  
10 1/2" x 60"  
11 1/2" x 48"  
11 1/2" x 60"



### 3/4" Hard Pine Treads

10 1/2" x 48"  
11 1/2" x 48"

### 3/4" Plywood Treads

11 1/2" x 48"  
11 1/2" x 60"



### 3/4" Risers Grooved

8 1/4" x 48" FJP  
8 1/4" x 60" FJP  
8" x 48" Clear Poplar  
8" x 60" Clear Poplar  
8" x 48" Oak  
8" x 60" Oak

### 5/8" Plywood Risers

7 13/16" x 48"  
7 13/16" x 60"



### Custom Treads available in:

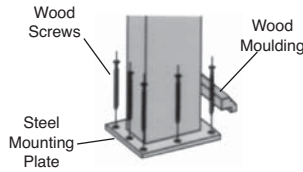
Various lengths  
Any width  
3/4" or 1 1/16" thickness  
1 1/4" returns can be applied left, right or both ends  
Treads can be ordered with or without tongue  
The Following Species Available:  
Red Oak  
White Oak  
Maple  
Cherry  
Brazilian Cherry  
Santos Mahogany  
Others on request

**IN STOCK**



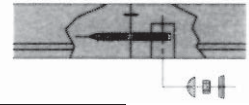
**LJ-3000-O**

1" Tapered Plug



**LJ-3006-O**

Newel  
Mounting  
Plate

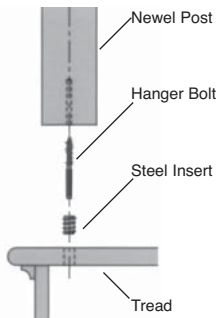


**LJ-3079-O**

Oak

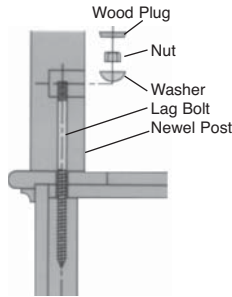
**LJ-3079-M**

Maple  
Rail Bolt Kit



**LJ-3004**

Newel  
Mounting Kit



**LJ-3008-O-10"**

Oak

**LJ-3008-M-10"**

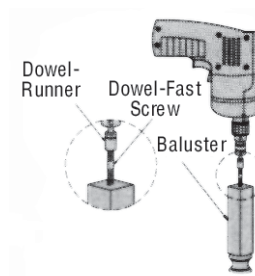
Maple  
Sure-Tite™  
Newel Fastener 10"

**LJ-3008-O-16"**

Oak

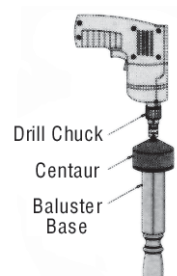
**LJ-3008-M-16"**

Maple  
Sure-Tite™  
Newel Fastener 10"



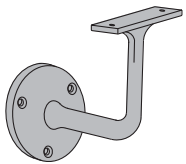
**LJ-3033**

Dowel-runner™ for  
Dowel-Fast Screws™



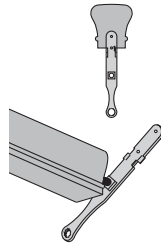
**LJ-3035**

Centaur™



**LJ 3027**

Solid Brass  
Handrail Bracket



**LJT92**

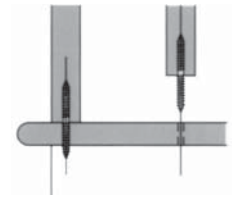
Rail Bolt Installer

**LJ-3050**

Acumark Level

**LJ-3032**

Rail Bolt  
Runner



**LJ-3076**

Dowel-Fast™  
Baluster Screws

**Introducing!!**  
New Rail Bolt Connectors



Regular Springbolt

**SPRBOLT**



Super Springbolt

**SSPRBOLT**



Rail to End Post

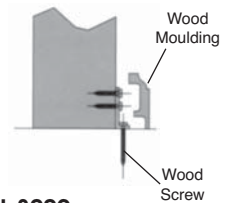
**RESRBOLT**



Rail to Post

**RPSRBOLT**

**SPRING BOLT™**  
The Improved Wood Rail &  
Newel Post Fastener  
PATENT PENDING



**LJ-3009**  
L-Bracket  
Post Fastener

**NON STOCK**