



WOODCRAFTERS

Everything for the Woodworker, and More!

Stairparts Catalog

WOODCRAFTERS LUMBER SALES, INC.

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503-231-0226

Come visit us on the web at
www.woodcrafters.us

Fax:
503-232-0511

Toll Free:
800-777-3709

rev 072512



Introduction to Woodcrafters

WOODCRAFTERS

Since 1973, building contractors, woodworkers and do-it-yourself homeowners have turned to Woodcrafters for what they need from our stock of over 15,000 items useful to every building or remodeling project. Woodcrafters is also your headquarters for hard-to-find items. If we don't have it in stock, we will do our best to track it down from one of our many sources in the industry, so that you can get it on time and at the right price. And if you have yet to visit Woodcrafters, you've got a treat waiting for you. We pride ourselves in providing for our customers a pleasant experience among one of the most extensive selections of woodworking tools, finishing products, exotic hardwoods, related books & instructional DVDs found anywhere, and much more.

Available at Woodcrafters

- *Fireplace Mantels - Standard or Custom*
- *Carved/Embossed Poplar Molding*
- *Hemlock Molding - 100+ Patterns*
- *Oak Molding - 60+ Patterns*
- *Hard Maple, Cherry, White Oak, Mahogany, Fir, Alder & Knotty Pine Moldings*
- *Finger-Jointed Pine Moldings*
- *Medium Density Fiberboard (MDF) Moldings*
- *Custom Millwork - We can match your pattern*
- *Wainscot Paneling*
- *Red Oak Stair Parts*
- *Hemlock Stair Parts*
- *Cherry Stair Parts*
- *Maple Stair Parts*
- *Poly Columns*
- *Wood Flooring*
- *Gingerbread Trim*
- *Hardwood Lumber - Domestic & Exotic*
- *Hardwood Plywood - More than 50 species available*
- *Victorian Millwork*
- *S4S Red Oak, Maple, Cherry, Walnut, Hemlock, Poplar, CVG Fir, Pine, MDF*
- *Rosettes and Plinth Blocks*

Everything for the Woodworker, and More!

Quality, selection, and personal, knowledgeable service have always been the foundation of how we do business at Woodcrafters. If you are a woodworker, professional or hobbyist, we are your source. If you are an experienced or first-time builder, or a do-it-yourself remodeler, come to Woodcrafters. You won't be disappointed.

For a free quote, call 503-231-0226, or toll-free 800-777-3709.

Our showroom/offices are open from 8 - 6, Monday thru Friday and 9 - 5 on Saturday.

Join us on the internet at woodcrafters.us

Table of Contents



WOODCRAFTERS

Introduction to Woodcrafters	2
Rail Profiles	5-6
Newel Posts	7-9
Balusters.....	10-13
Iron Rail Systems.....	14-15
Spiral Stair Systems	16
Rail Fittings	17-18
Round Rail & Fittings.....	19
Starting Steps, Treads, Risers, etc.....	20
Porch Rail Parts.....	21
Fir Exterior Rail Profiles	22
Installation Hardware	24
Installers Tools	25-26
Building Codes.....	27-28
Glossary of Stair Terminology	29
Order Form.....	31
Woodcrafters Defined.....	33
Map to Woodcrafters.....	34



Stock & Custom Stairparts



Today, it's a Buyers Market ...

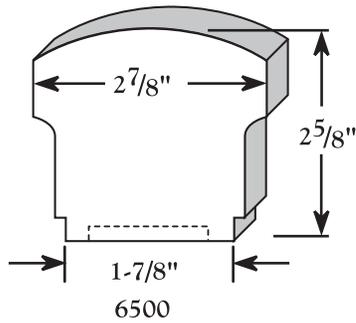
*Selection, pricing and availability,
have never been better!*

**Shop at Woodcrafters, and Experience
Your Dream Stair System Today!**

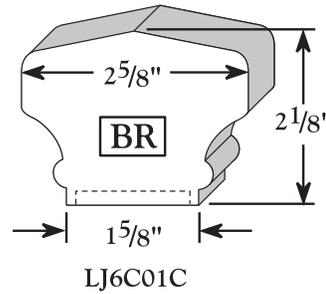
Rail Profiles



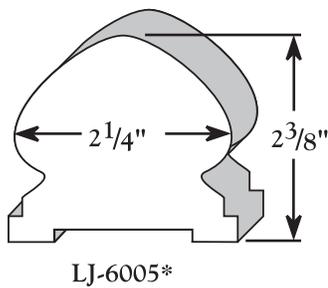
WOODCRAFTERS



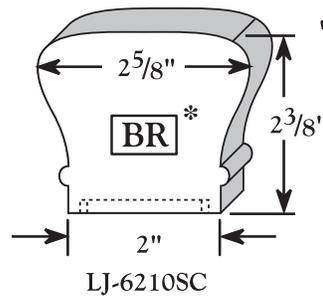
"Craftsman"
Available in
Fir
Cherry*
Red Oak*
Poplar*
Hemlock*



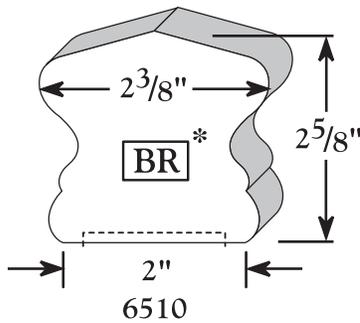
"Challis"
Available in
Red Oak
White Oak*
Cherry*
Maple
Alder*



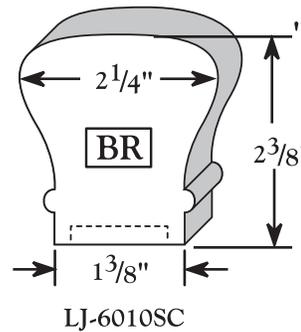
Available in
Hemlock*



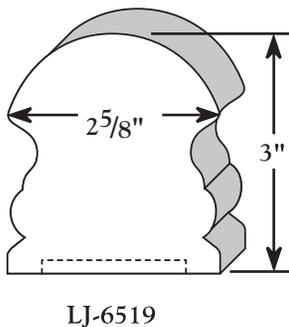
"Broadloaf Lg."
Available in
Red Oak
White Oak*
Cherry*
Maple*
Hemlock
Alder*



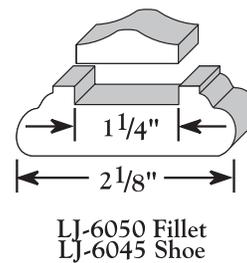
"Newport"
Available in
Cherry*
Alder*



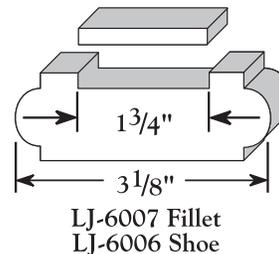
"Broadloaf Sm."
Available in
Red Oak
White Oak*
Cherry*
Maple*
Hemlock
Alder*



"Hampton"
Available in
Red Oak
Cherry*
Maple*
Hemlock*



Available in
Red Oak
White Oak*
Cherry*
Maple*
Alder*



Available in
Red Oak
White Oak*
Cherry*
Maple*
Alder*

All of the profiles above are available in other species on a special order basis.
Some handrails can be plowed to accommodate square top balusters.
Please ask your Woodcrafters Salesperson for assistance.

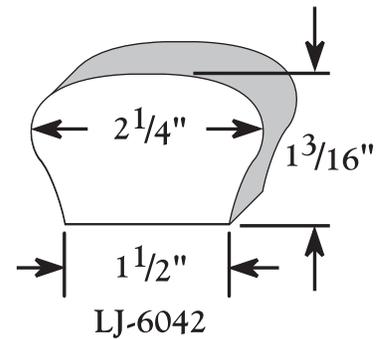
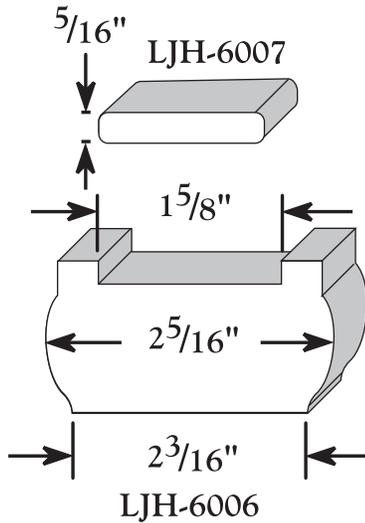
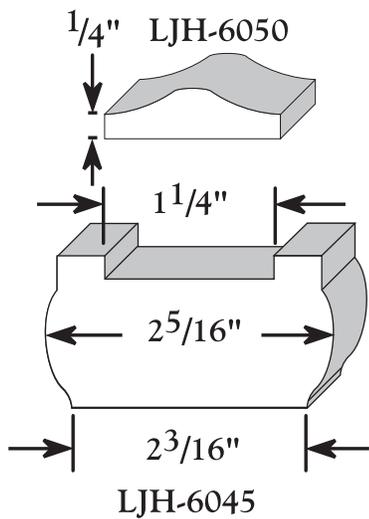
BR = Bending Rail

* Available by Special Order Only
Lead Times Vary



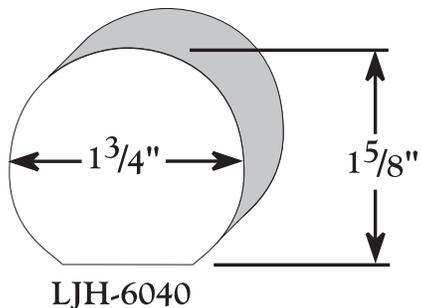
WOODCRAFTERS

Rail Profiles

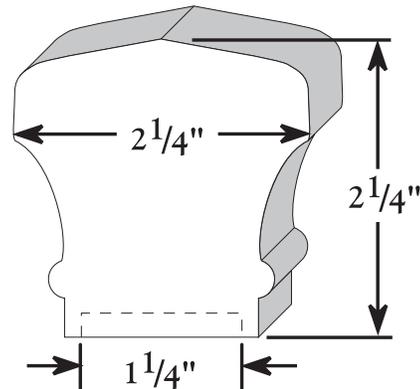


Available in Hemlock Only

Available in Hemlock Only



Available in Hemlock Only



LJM-6601
 Available in
 Hemlock
 Red Oak*
 Maple*

* Available by Special Order Only
 Lead Times Vary

All of the profiles above are available in other species on a special order basis.
 Some handrails can be plowed to accommodate square top balusters.
 Please ask your Woodcrafters Salesperson for assistance.

We Can Help!

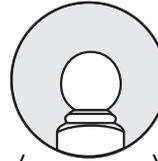
We have designed many rail systems to fit any application, residential and commercial. Please ask your Woodcrafters Sales Person for assistance!

Newel Posts



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* Available by Special Order Only



Also Available in Round Top



Available in Oak, Maple, Cherry & Alder

LJ-3342BT



Available in Oak & Hemlock

LJ-4500



Available in Hemlock Only

LJ-4900*



Available in Oak & Hemlock

LJ-4040*
(Mushroom top)



Available in Oak & Hemlock

LJ-4004
(Acorn top)



Available in Oak, Poplar, Maple, Cherry, Hemlock & Alder

LJ-4000
(Chamfered top)

Available Rail Profiles

LJ-6010SC	LJ-6210	LJ-6C01C	LJ-6601	LJ-6519
6500	6510	LJ-6042	LJ-6005	

Rail is available plowed to fit square top balusters.

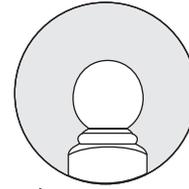
All of the profiles above are available in other species on a special order basis. Please ask your Woodcrafters Salesperson for assistance.



"By the Book"
The most comprehensive manual for stair installation we have. Detailed instructions for every phase.

Newel Posts

Also Available in Round Top



Available in Oak*, Maple*, Cherry* & Poplar*

LJP-3315



LJF-3315*



Available in Oak, Maple & Cherry

LJP-3015*



LJF-3015*



Available in Oak & Hemlock

LJ-4015*

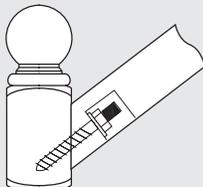


Available in Oak Only

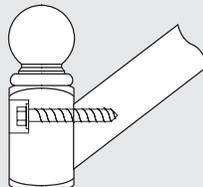
LJ-4275*

Installation Tip

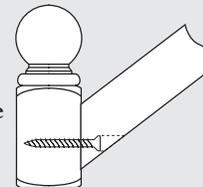
Rail attached with the use of a rail bolt



Rail attached with a lag bolt from front side of newel (with wood plug)



Rail attached with a wood screw from the bottom of rail



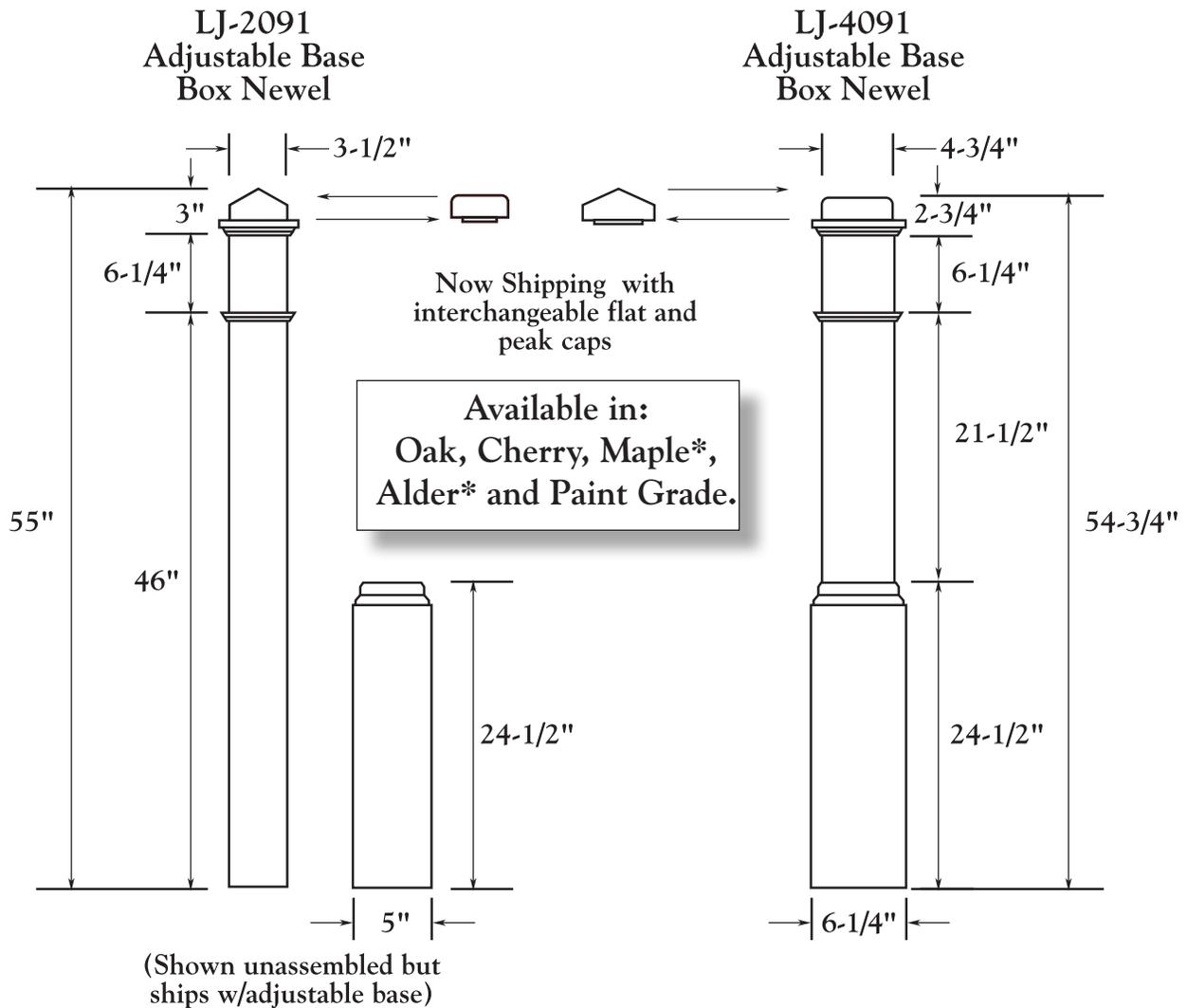
All of the profiles above are available in other species on a special order basis. Please ask your Woodcrafters Salesperson for assistance.

* Available by Special Order Only

Box Newel Posts



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Our Box Newels are manufactured using “Lock Miter” joinery to ensure perfect corners. No unseemly “Butt Joints” on these box newels.

* Available by Special Order Only.



WOODCRAFTERS

1-1/4" Square Top Balusters



Available in Oak, Poplar, Maple & Cherry

LJ-2405*



Available in Oak, Poplar & Hemlock

LJ-5006*



Available in Hemlock Only

LJH-5090*



Available in Oak, Poplar, Maple, Hemlock & Primed

LJ-5141*



Available in Oak, Poplar, Maple, Cherry, Hemlock & Primed

LJ-5060



Available in Oak, Maple, Cherry, Hemlock & Primed

LJC-5060*

* Available by Special Order Only
Lead Times Vary

Available Rail Profiles

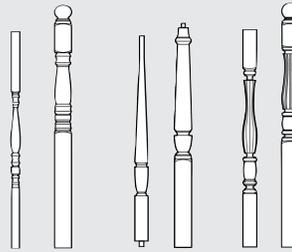
 LJ-6010SC	 LJ-6210	 LJ-6C01C	 LJ-6601	 LJ-6519
 6500	 6510	 LJ-6042	 LJ-6005	

Rail is available plowed to fit square top balusters.

All of the profiles above are available in other species on a special order basis. Some handrails can be plowed to accommodate square top balusters. Please ask your Woodcrafters Salesperson for assistance.



Stair Part Families
We stock all of our stair parts in families. For most newel posts, there is a baluster to match!



1-1/4" Pin Top Balusters



WOODCRAFTERS



Available in Oak, Poplar, Cherry & Maple

LJ-2415



Available in Oak, Cherry, Poplar, Hemlock & Primed

LJ-5200*



Available in Oak, Poplar, Hemlock & Primed

LJ-5015

Available Rail Profiles

 LJ-6010SC	 LJ-6210	 LJ-6C01C	 LJ-6601	 LJ-6519
 6500	 6510	 LJ-6042	 LJ-6005	

Rail is available plowed to fit square top balusters.

All of the profiles above are available in other species on a special order basis.
Some handrails can be plowed to accommodate square top balusters.
Please ask your Woodcrafters Salesperson for assistance.

* Available by Special Order Only



WOODCRAFTERS

1-3/4" Square Top Balusters



Available in Oak, Poplar, & Primed

LJ-2005*



Available in Oak, Poplar, Hemlock & Primed

LJ-5005



Available in Oak, Poplar, Maple & Primed

LJ-2105*



Available in Oak, Poplar*, Maple*, Hemlock & Cherry*

LJ-5360



Available in Oak, Maple, Cherry, & Hemlock

LJ-5360-C*

Available Rail Profiles

 LJ-6010SC	 LJ-6210	 LJ-6C01C	 LJ-6601	 LJ-6519
 6500	 6510	 LJ-6042	 LJ-6005	

Rail is available plowed to fit square top balusters.

All of the profiles above are available in other species on a special order basis.

Some handrails can be plowed to accommodate square top balusters.

Please ask your Woodcrafters Salesperson for assistance.

* Available by Special Order Only

1-3/4" Pin Top Balusters



WOODCRAFTERS



Available in Oak, Poplar, & Primed

LJ-2015*



Available in Oak*, Maple*, Cherry* & Primed

LJF-2015*



Available in Oak*, Maple* & Cherry*

LJT-2015*



Available in Oak, Poplar, Maple, Cherry & Primed

LJ-2115*



Available in Oak, Poplar & Maple

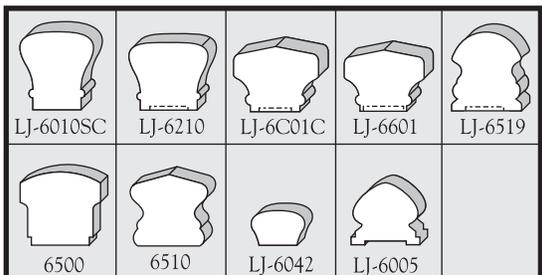
LJF-2115*



Available in Oak, Poplar & Hemlock

LJ-5300

Available Rail Profiles



Rail is available plowed to fit square top balusters.

All of the profiles above are available in other species on a special order basis. Some handrails can be plowed to accommodate square top balusters. Please ask your Woodcrafters Salesperson for assistance.

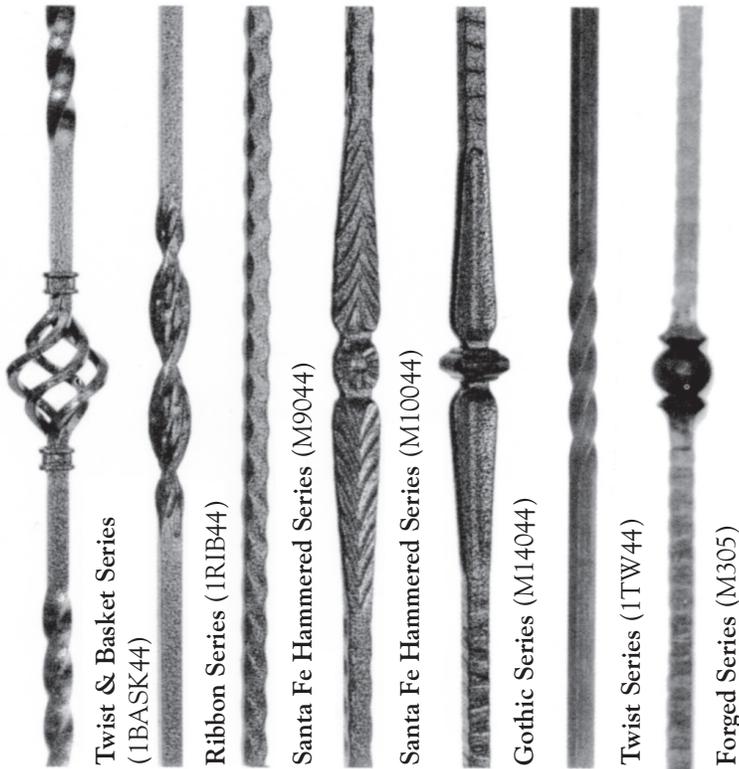
* Available by Special Order Only



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Iron Rail Systems

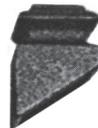
Iron Baluster Systems Detail Illustrations



Iron Shoes



FSH-01SB



R-06P



Scroll
M301

Installation combining Basket and Twist Iron Balusters with Oak Handrail, Volutes and Newels



Installation combining Ribbon and Butterfly Iron Balusters and M022 shoes with Oak Handrail, Volutes and Newels

Iron Rail Systems



WOODCRAFTERS

Iron Baluster Systems

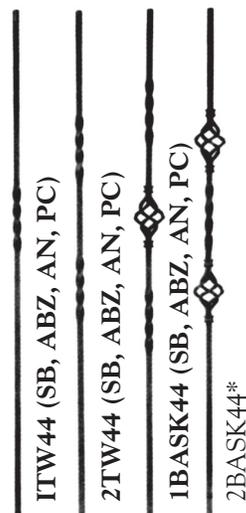
- Beautifully engineered and handcrafted designs enhance the value of the home
- Versatile systems are ideal for use of different styles to create unique patterns
- Finish options available for buyer's choice and convenience
- Well packaged and protected for easy, clean and safe handling

SB	=	Satin Black
ABZ	=	Antique Bronze
AN	=	Antique Nickel
PC	=	Grey/Black
ORB	=	Oil Rubbed Bronze
ORC	=	Oil Rubbed Copper

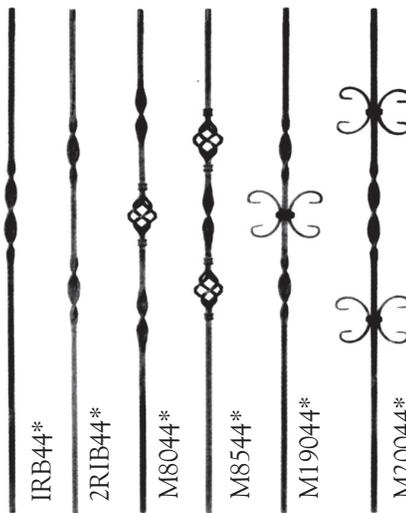
Versatile Series



Twist & Basket Series



Ribbon Series

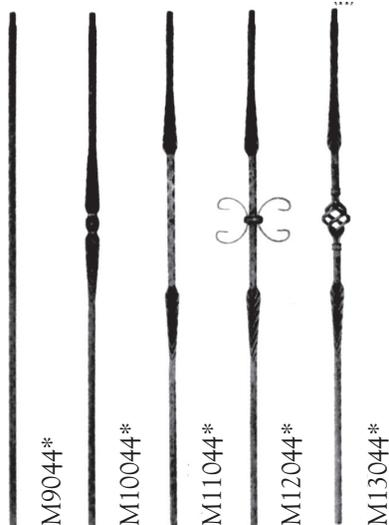


Gothic Series



Bold = Stock Item

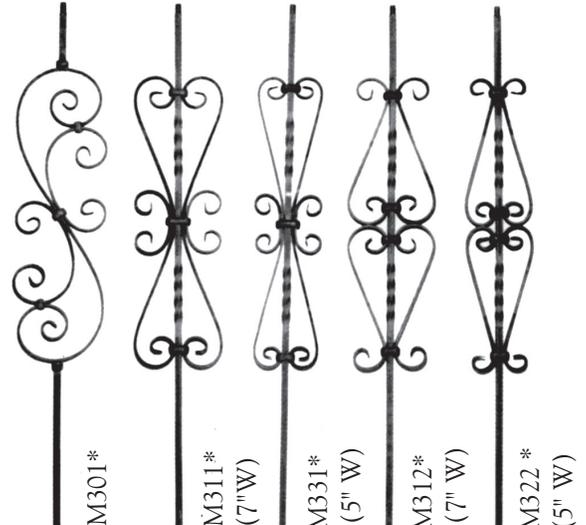
Santa Fe Hammered Series



Forged Series



Scroll Series



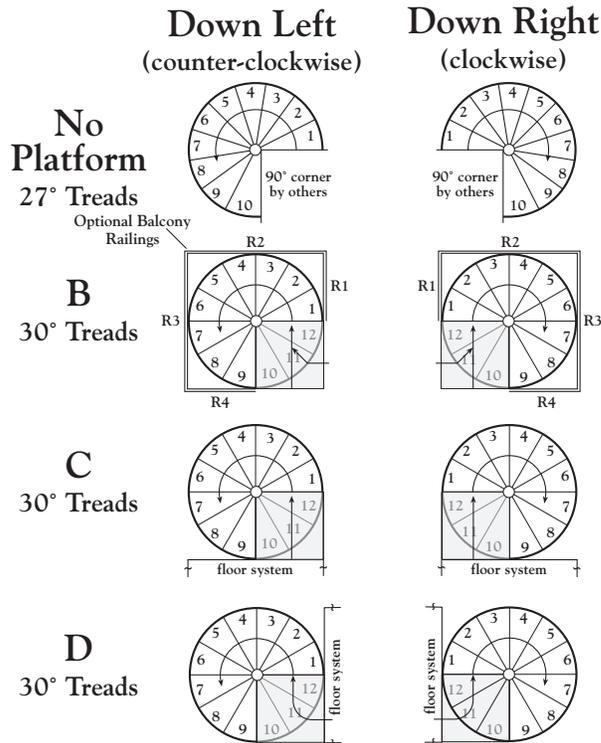
- "H" on Gothic, Santa Fe, Forged and Scroll Series denotes use with "H" Series optional shoes
- All balusters are 44" with pattern centered 18" from top. Trim balusters from bottom on stair rake
- All manufactured with 1/2" diameter round top for easy installation into handrail
- Available finishes MP (matte phosphate, unfinished), B (flat black), PC (Powder coated gray/black) Antique Bronze (satin black)

* Available by Special Order Only

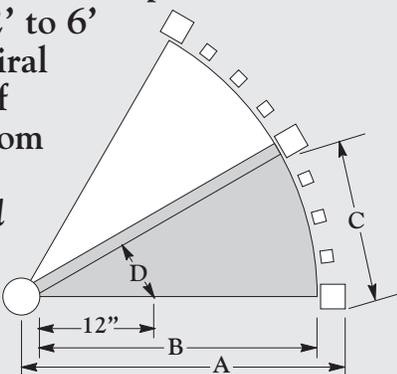


Spiral Stair Systems

Note: All Spiral Stair Systems are Special Order Only!



1. Diameter: Common sizes of spiral stairways range from 3-1/2' to 6' diameter. A 5' diameter spiral stair meets requirements of many building codes. Custom Diameters are available upon request. *The finished opening should be 4" larger than the stair diameter to assure proper handrail clearance.* *



Tread Dimensions

Dimensions C&D are not actual tread dimensions, but are dimensions from the nosing of one tread to the nosing of the next tread.

Diameter	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"
dimension A (radius)	21"	24"	27"	30"	33"	36"
dimension B	18"	21"	24"	27"	30"	33"
30° treads	dimension C	10-1/4"	11-3/4"	13-1/4"	15"	16-1/2"
	dimension D	7-1/2"	7-1/2"	7-1/2"	7-1/2"	7-1/2"
27° treads	dimension C	9-1/4"	10-3/4"	12"	13-1/2"	14-3/4"
	dimension D	6-5/8"	6-5/8"	6-5/8"	6-5/8"	6-5/8"

2. Height: Measure the vertical distance from finished floor to finished floor. The stair is not adjustable.

Tread Quantity:

Finished Floor to Floor Height	Qty of Treads
88" to 95"	9 treads
to 104-1/2"	10 treads
to 114"	11 treads
to 123-1/2"	12 treads
to 133"	13 treads
to 142-1/2"	14 treads
to 144"	15 treads

Stairs are available to any height. Multiple story spirals are available. Please ask your salesperson for assistance.

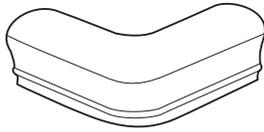
*Always review your local building codes for specific requirements.

Special Order Rail Fittings

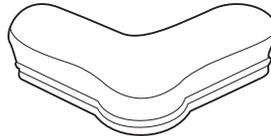


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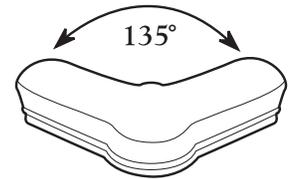
* Available by Special Order Only



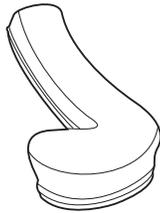
S-7011*
Level Quarterturn



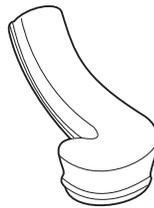
S-7021*
Quarterturn w/ cap
Also Available as
135° Eighth Turn



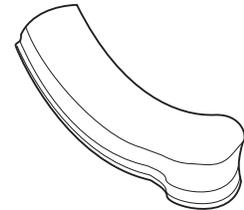
S-7021-135*
Quarterturn w/ cap
Also Available as
135° Eighth Turn



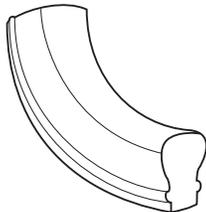
S-7040* - Left Hand
S-7045* - Right Hand
5-1/2" Turnout



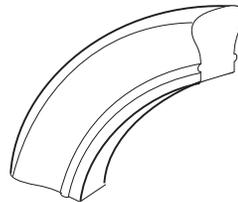
S-7041* - Left Hand
S-7046* - Right Hand
3-1/2" Turnout



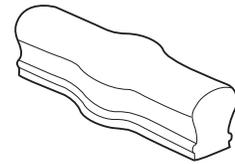
S-7010*
Starting Easing



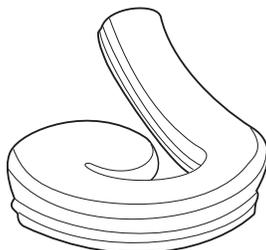
S-7012* - Upeasing
S-7014 - 90°* Upeasing



S-7013*
Over Easing



S-7020*
Tandem Cap



S-7030* - Left Hand
S-7035* - Right Hand
Volute



S-7019*
Opening Cap

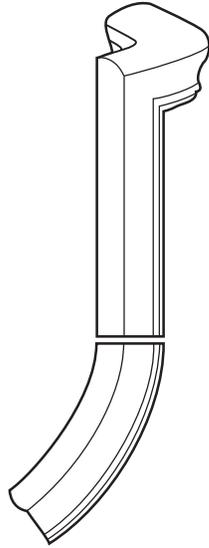
Fittings are available in Oak, Hemlock,
Maple & Cherry, in several rail profiles.
For pricing and availability, please ask your
Woodcrafters salesperson.

Fittings are used to transition your hand rail either up or down, or around a corner. They lend a more graceful look to your stair system. We can help you choose the ones that are just right for your home.



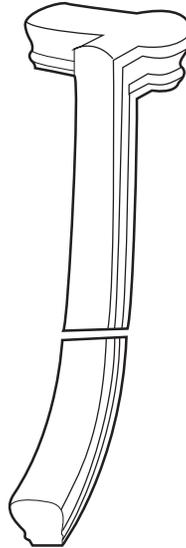
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Special Order Combination Fittings



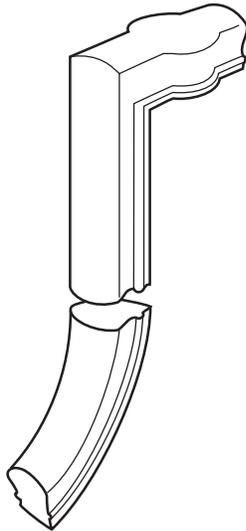
S-7071*
L.H. 2-Riser No Cap

S-7076*
R.H. 2-Riser No Cap

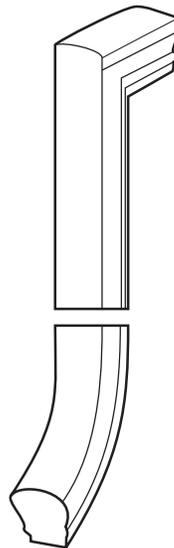


S-7081*
L.H. 2-Riser w/Cap

S-7086*
R.H. 2-Riser w/Cap



S-7088-2*
Straight 2-Riser w/Cap



S-7099*
Straight 2-Riser w/Cap

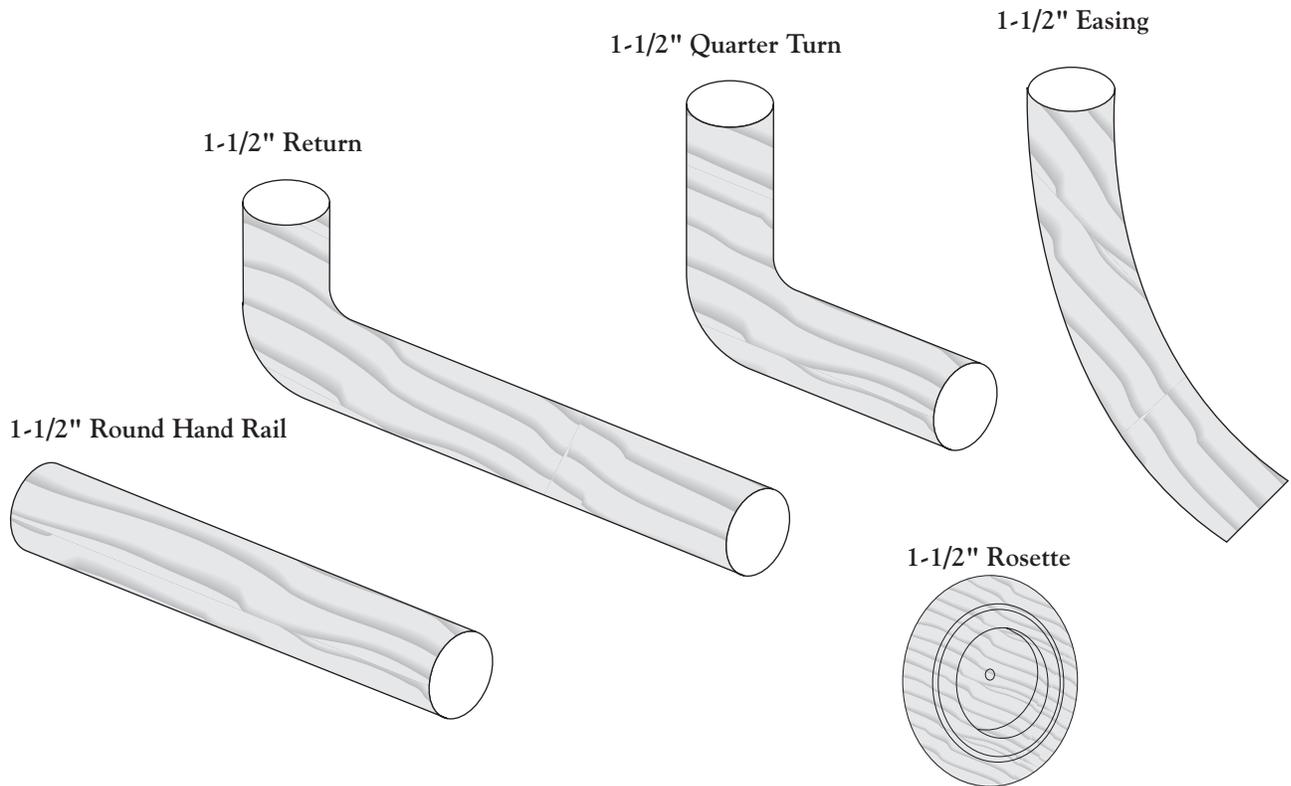
Fittings are available in several rail profiles and a variety of wood species.
For pricing and availability, please ask your Woodcrafters Salesperson.

Round Wall Rail & Fittings



WOODCRAFTERS

Available in Red Oak & Maple



Meet Commercial ADA Requirements

	Stock Number	Description	Lbs. Each
Railing	O-921	1-1/2" Round Oak Wall Railing	N/A
	M-921	1-1/2" Round Maple Wall Railing	N/A
Easings	15OE	1-1/2" Oak Over Easing	1.75
	15ME	1-1/2" Maple Over Easing	1.75
Returns	15OR	1-1/2" Oak Return	1.75
	15MR	1-1/2" Maple Return	1.75
Quarter Turns	15OLQ	1-1/2" Oak Level-Quarter Turn	1.75
	15MLQ	1-1/2" Maple Level-Quarter Turn	1.75
Rosettes	15ORT	1-1/2" Oak Rosette	.25
	15MRT	1-1/2" Maple Rosette	.25

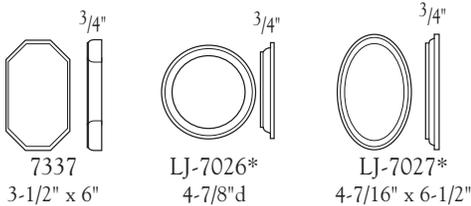
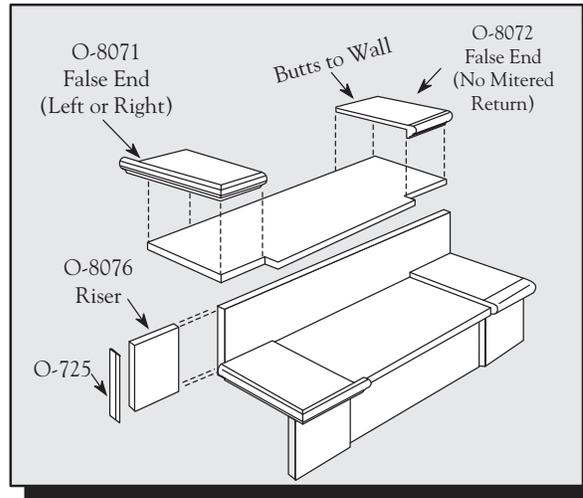
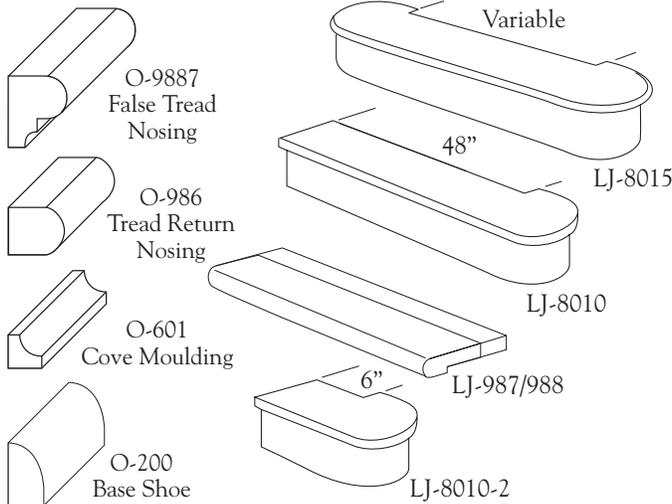
Does it Meet Code?

Building codes are very specific on design and installation of stairway systems. If you have any questions about your plans, please ask one of our stair specialists to assist you.



Starting Steps, Treads, Risers, Rosettes & Brackets

WOODCRAFTERS



*** Available by Special Order Only**
(25% Restocking Charge on Returned Special Orders)

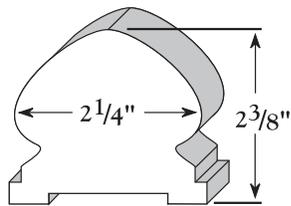
Custom Sizes and Wood Species are Available.		Stock Number	Description	Lbs. Ea.
STARTING STEPS, FALSE ENDS & RISERS				
	LJ-8010-2	False Starting Step (L or R)		6
	LJ-8010-48	48" Volute and Turnout Starting Step (L or R)		32
	LJ-8010-60*	60" Volute and Turnout starting Step (L or R)		40
	LJ-8015-48*	48" Volute and Turnout Starting Step		39
	LJ-8071	False Treads (LH or RH)		1.5
	LJ-8072	Wall Caps		1.25
	LJ-8076	False Risers		.12
TREADS				
	OT36	Tread - 1 -1/16" x 11-1/2" x 36"	Available in O = Red Oak W = White Oak M = Maple H = Hemlock	11
	OT42	Tread - 1 -1/16" x 11-1/2" x 42"		13
	OT48	Tread - 1 -1/16" x 11-1/2" x 48"		15
	OT60*	Tread - 1 -1/16" x 11-1/2" x 60"		18
	OT72*	Tread - 1 -1/16" x 11-1/2" x 72"		22
	OT96*	Tread - 1 -1/16" x 11-1/2" x 96"		29
RISERS				
	R36	Riser - 3/4" x 7-1/2" x 36"		5
	R42	Riser - 3/4" x 7-1/2" x 42"		6
	R48	Riser - 3/4" x 7-1/2" x 48"		7
	R60	Riser - 3/4" x 7-1/2" x 60"		8
	R72	Riser - 3/4" x 7-1/2" x 72"		9
ROSETTES				
	LJ-7026*	Round Rosette 4-1/2" round		.25
	LJ-7027*	Round Rosette 4" x 5"		.25
	LJ-7337	Octagon Rosette 3-1/2" x 6"		.25
STAIR BRACKETS				
	LJ-7028*	Stair Bracket 11-1/2" x 8-1/8" x 5/16" thick		.25
	LJ-7029*	Scrolled Stair Bracket 11-1/2" x 8-1/8" x 5/16" thick		.25
Available in Oak, Maple, Cherry & Poplar				

Porch Rail Parts

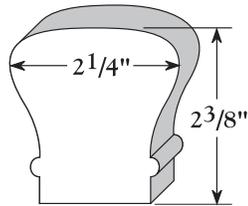


WOODCRAFTERS

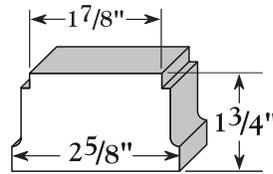
RAIL



LJH-6005



LJH-6010

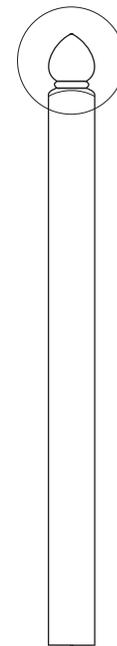


F-6545*

NEWELS



LJH-4900*

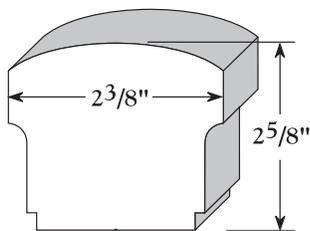


LJH-4004

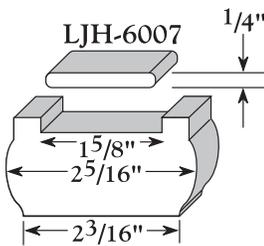


LJH-4004RT

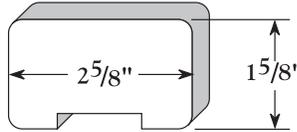
Note: Some handrails can be plowed to accommodate square top balusters. Please ask your Woodcrafters Salesperson for assistance.



F-6500



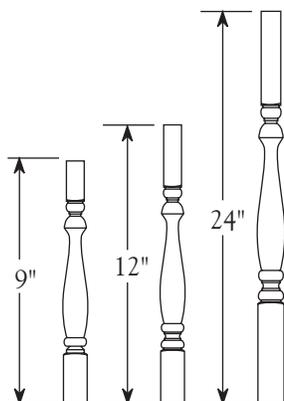
LJH-6006



LJH-6000*

Woodcrafters offers several options for exterior porch rail applications. For painted porch rails, we stock Hemlock balusters, rail, and newel posts. Several lengths and widths of balusters are available. Lead time on special order items is 2-3 weeks.

BALUSTERS



LJH-5090
net 1-5/8" thick



LJH-5360



LJH-5360-C



LJH-5090



LJH-5005



H-5803*

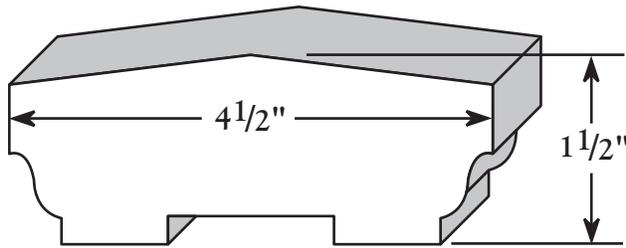
1-5/8" Sq
Available in 34", 38", or 42" lengths

2-1/2" Sq
28" & 32" Long

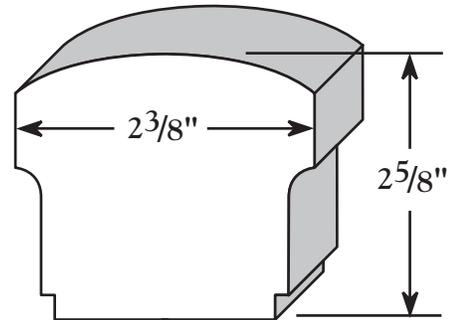
* Available by Special Order Only



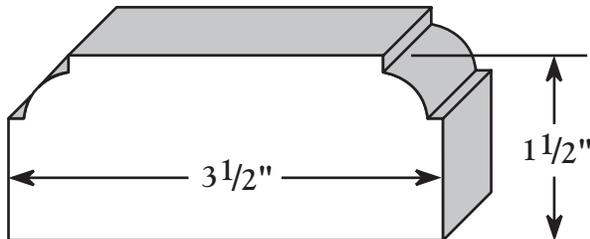
Fir Exterior Rail Profiles



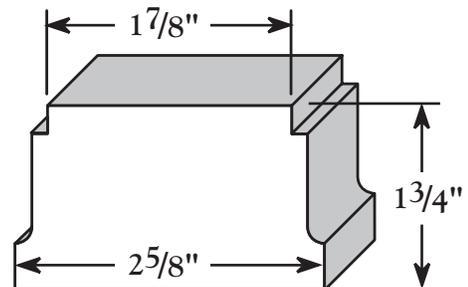
F-6100*



F-6500
(Stock Item)



F-6150*



F-6545*

The above profiles are readily available in Clear Vertical Grain Fir as reproduction profiles. However, in order to encourage their use in modern applications, we make them available in other species as well. If you are interested in using one of these profiles, please ask your Woodcrafters Salesperson for assistance.

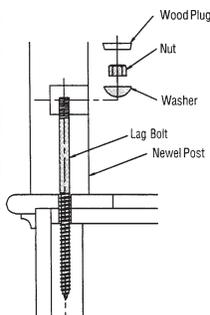
* Available by Special Order Only

Project Notes

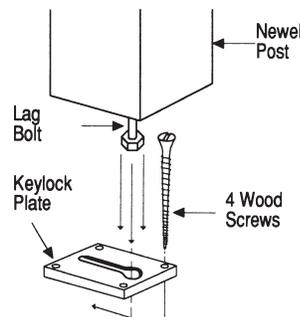
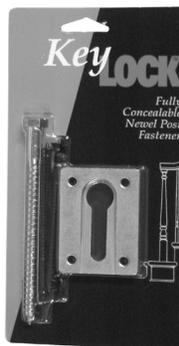


WOODCRAFTERS

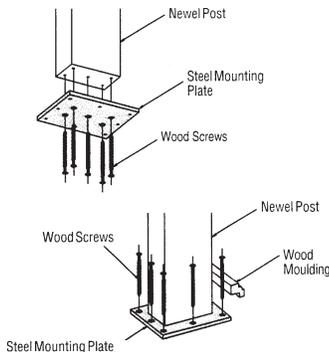
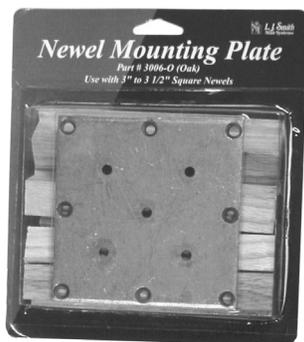
Lined area for project notes.



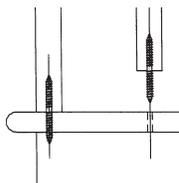
LJ-3008
Newel Fastening System



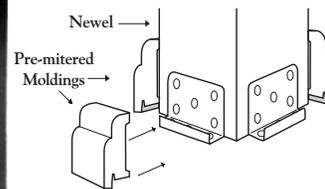
LJ-3005
Key-Lock Fastener



LJ-3006
Newel Mounting Plate



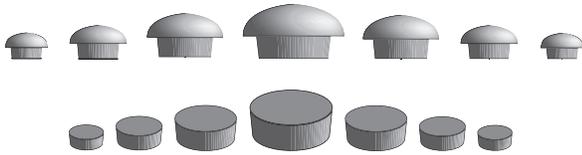
LJ-3076
Dowel-Fast Screws
(pack of 50)



4J-11410 3-1/2" Oak
4J-12310 3-5/16" Hemlock
4J-14410 3-1/2" Soft Maple
4J's™ Post Fastener

* Available by Special Order Only

Installers Tools



Buttons & Plugs:

Birch, Cherry, Mahogany, Oak, Maple, Teak, & Walnut.
Variety of sizes. Quantity discounts available



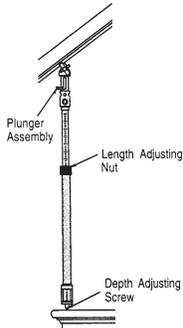
LJ-3079
LJ-3080 (10-Pack)
Rail Bolt Kit



LJ-3020
Wood Glue Syringe



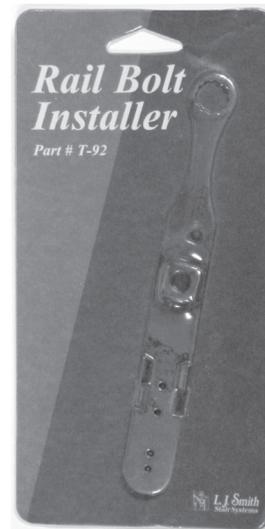
LJ-3022
Wood Filler Syringe



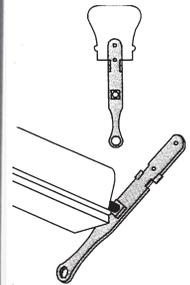
LJ-3047
Telescoping Baluster
Marking Tool
Use to mark baluster
locations beneath rails

LJ-3040 Scraper
Scraper for LJ Smith Rail Profiles
(-6010, -6019, -6701, -6109)
Use to smooth profiles of rail and fitting joints.
Each sold separately

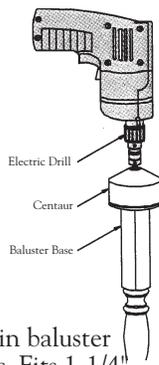
LJ-3043 Scraper Handle



LJ-3044
Rail Bolt Installer
Drives 5/16" Hex Bolts and
Tightens 1/2" Hex Nuts



LJ-3035
Centers 9/32" hole in baluster
bases for dowel screws. Fits 1-1/4"
and 1-3/4" balusters

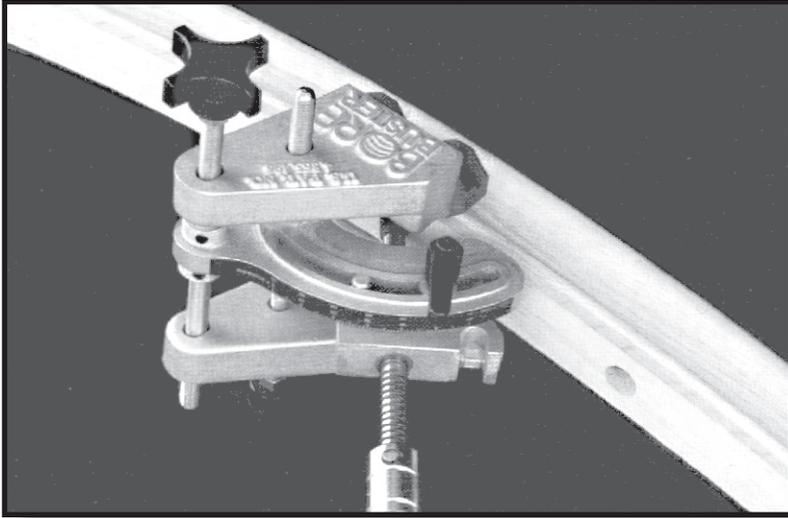


LJ-3031
Quickly connects and
releases tools from 3/8"
and larger chucks



LJ-3032 - For Rail Bolts
LJ-3033 - for Dowel Screws
Drill attachment for rail-bolts
and dowel screws

Installer's Tools



LJ-3060 Bore Buster

The Bore Buster increases the quality and speed of handrail installation by boring precision perpendicular or angled holes in straight or curved wooden handrails. Lightweight yet tough, Bore Buster's® precision controls permit fast, accurate rail bolt holes to be drilled. Bore Buster fits most power drills and Chuck-Buster. Fits LJ109-3, LJ-6010, and LJ6701.

LJ-3052 Stair Wizard

This innovative tool allows tread installations to be done in half the time of traditional methods. Our Stair Wizard creates an exact template for each tread (or riser), including length, end angles and depth. It's particularly useful for out of square stairs. Simply scribe the tread blank along the template outline and trim the tread. The Stair Wizard accommodates stair treads up to 14" deep and 53" wide. Extensions available.

1. Create template using the Stair Wizard.

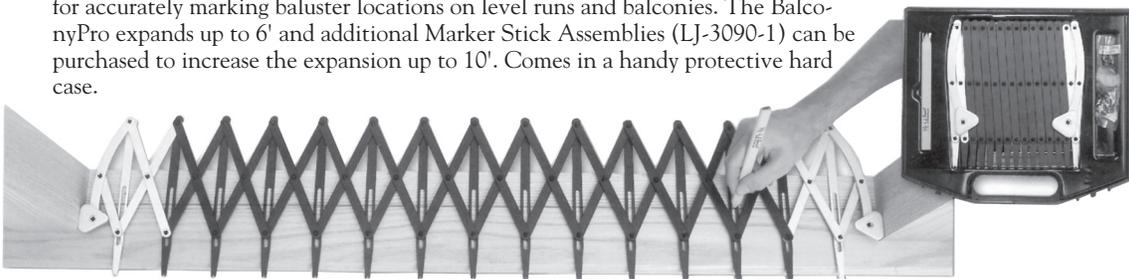


2. Mark the tread using the Stair Wizard as a template.



LJ-3090 BalconyPro

The BalconyPro is an expandable assembly that provides a quick and easy method for accurately marking baluster locations on level runs and balconies. The BalconyPro expands up to 6' and additional Marker Stick Assemblies (LJ-3090-1) can be purchased to increase the expansion up to 10'. Comes in a handy protective hard case.





Basic Guidelines for Oregon Building Code Compliance for Single Family Residential*

For Complete Codes and Regulations in Oregon, Contact

Oregon Building Codes Agency
1535 Edgewater NW
Salem, Oregon 97310
(503) 373-7529
FAX (503) 378-2322

When installing a stair system, there are local building codes which should be considered while making your purchasing decisions. These codes are designed with your safety in mind.

Rail height and baluster spacing, as well as tread depth and height of each step, are always governed by building code.

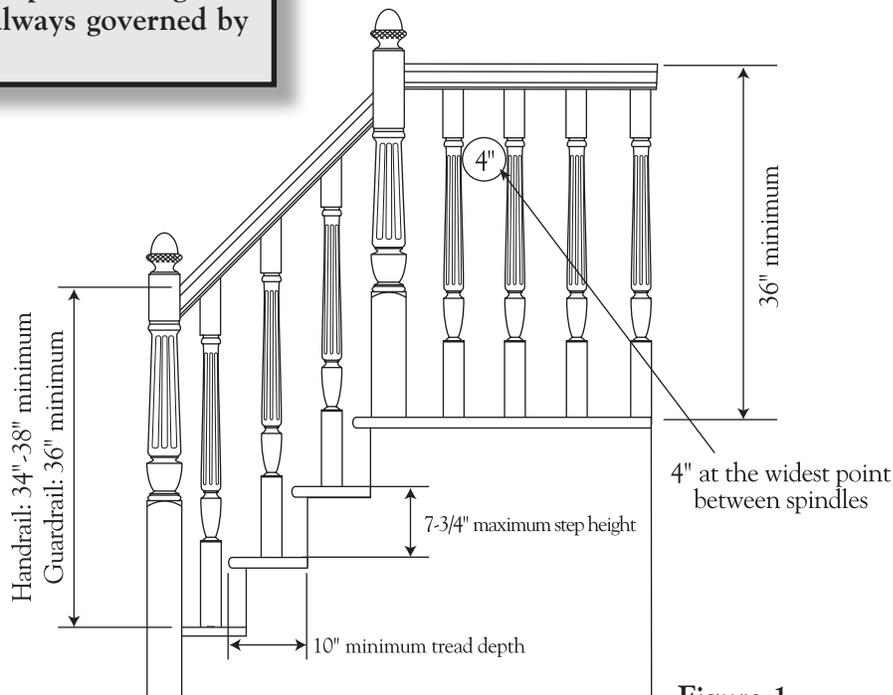


Figure 1

Basic Guidelines

- Handrail shall be provided on porches, balconies or raised floor surfaces located more than 30 inches above the floor or grade below
- Open sides of stairs shall have handrails not less than 36 inches in height measured vertically from the nosing of the treads (SEE YOUR LOCAL CODE)
- Handrails are required to keep to a minimum height. Spacing between balusters is also regulated by code
- Curved, spiral, or winder stairs shall have the required handrail located on the outside radius
- Rail ends shall begin and terminate in newel posts or shall return to the wall
- The handgrip of the rail shall not be more than 2-5/8" across, or shall provide an equivalent gripping surface

* Specifics mentioned in this catalog are for reference only. Each installation is unique, and each locality interprets codes differently. **YOU ARE RESPONSIBLE FOR COMPLIANCE WITH BUILDING CODES IN YOUR AREA.**



WOODCRAFTERS

Building Codes

BASIC GUIDELINES FOR WASHINGTON STATE BUILDING CODES*

Most of these regulations are taken from the Universal Building Code (UBC), but in many cases, counties make amendments to the UBC to ensure safety in residential construction. Please be sure you know the codes in the area in which you plan to build.

For complete codes and regulations in Clark County, Washington

Contact:

Building Division

Vancouver CCPC

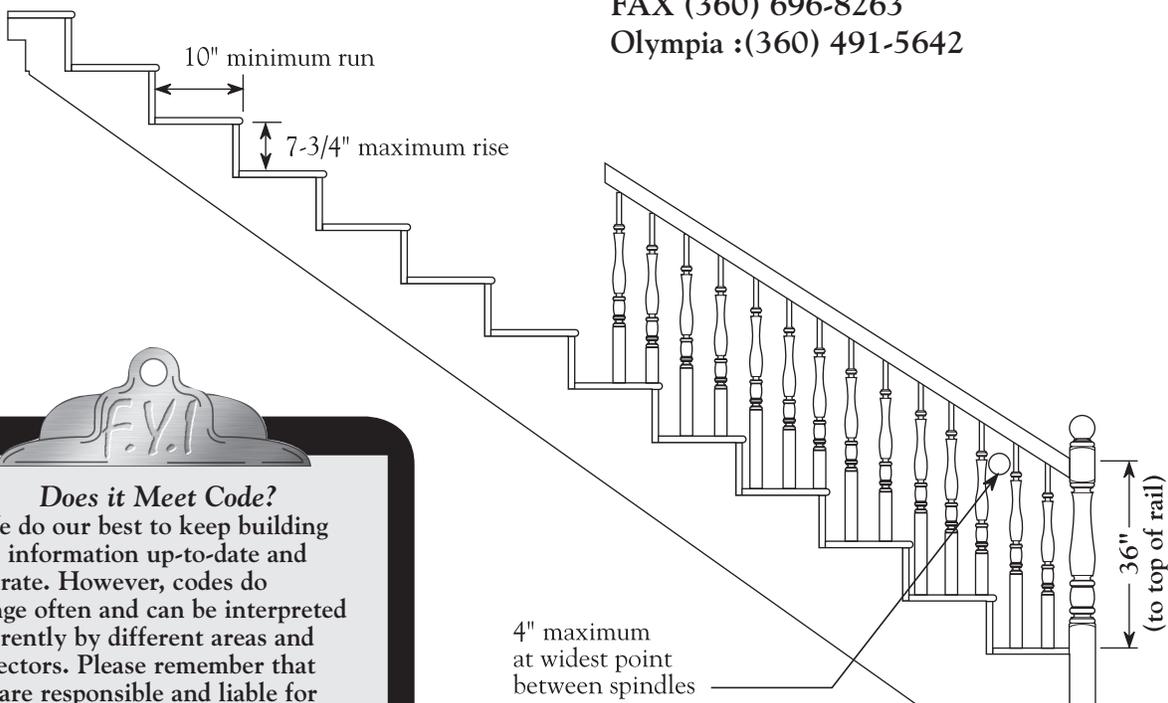
1313 Main Street

Vancouver, WA 98660

Vancouver: (360) 696-8105

FAX (360) 696-8263

Olympia : (360) 491-5642



Does it Meet Code?

We do our best to keep building code information up-to-date and accurate. However, codes do change often and can be interpreted differently by different areas and inspectors. Please remember that you are responsible and liable for compliance with building codes.

Doing it Right the First Time

When you are ready to install your stair system, call your local and/or state building agencies. Inform them of your project and ask them to assign an inspector. Contact that inspector and ask them to come to your building site and assist you in designing your stair system complying with all current codes. This will not only assure your compliance, but it also helps establish a good working relationship with your inspector, and let's them know that you are interested in meeting code. When the project is complete and inspection time comes, you will pass with flying colors.

Basic Guidelines

- Distance between tip of tread and ceiling shall be at least 6'8"
- Handrails projecting from a wall shall have a space of not less than 1-1/2" between the wall and rail
- The handgrip portion of handrails shall not be less than 1-1/2" inches across
- The handgrip portion of handrails shall have a smooth surface with no sharp corners
- Stairways more than 88" in width shall be provided with not less than one intermediate handrail

* Specifics mentioned in this catalog are for reference only.

Each installation is unique, and each locality interprets codes differently. **YOU ARE RESPONSIBLE FOR COMPLIANCE WITH BUILDING CODES IN YOUR AREA.**

Glossary of Stair Terminology



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BALUSTER-	A narrow, vertical member which helps support the handrail. Other names: spindle, picket
BALUSTRAD-	A collective term which refers to the newels, balusters, and handrail of a stairway.
CAP-	That part of the fitting which widens in order to sit on a newel.
CUSTOM MADE-	Made to order; to the customers specifications.
FILLET-	Generally, flat strips of finished lumber which fill the plow between balusters on plowed handrail and shoerail.
GOOSENECK-	A fitting consisting of an up easing, vertical rail drop and a level cap.
HALF NEWEL-	A newel post cut directly through the center, lengthwise, usually where handrail ends going to a wall.
I ♥ WOOD	A free bumper sticker. Ask your salesperson.
LANDING NEWEL- (INTERMEDIATE)	A newel situated at the turn on an L-shaped stair or winder.
KNEEWALL STAIR-	A closed stair system with a housed or routed stringer.
L-SHAPED STAIR-	A stair which has an intermediate landing at which point it continues upward at a 90° turn.
LEVEL	
QUARTERTURN-	A level handrail fitting which turns 90°.
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.
OPEN STAIR-	A stairway not boxed in by a wall on one or both sides.
OPENING CAP-	A handrail fitting at the start of a level balustrade system.
OVER THE POST SYSTEM-	Balustrade system which utilizes fittings to go over newel posts for an unbroken continuous handrail.
OVERHAND EASING-	A handrail fitting which connects the rake handrail with the level balcony handrail without the use of a gooseneck.
PLOW-	The routed portion of a handrail or shoerail used for the inserting of square balusters. The gaps left between balusters are covered with fillet.
PLUMB-	Perfectly vertical; established with a level.
POST TO POST SYSTEM-	Balustrade system in which the handrail is not continuous. The handrail is attached to the face of a square-top newel.
RAKE-	The angle or ascent of a stairway. This is determined by the rise and run.
RISE-	The vertical distance from one tread to the next tread.
RUN-	The horizontal distance from one riser to the next riser.
SHOERAIL-	A railing running along the floor on a balcony or atop a kneewall stringer which is plowed for the insertion of balusters and fillet.
SPECIAL ORDER-	Not a stock item; must be ordered from an outside source; an opportunity for something unique and different.
STRAIGHT STAIR-	A stairway with no turns or intermediate landings.
STRINGERS-	The supporting members which run the length of the stairway on which treads and risers are mounted.
TREAD NOSING-	The portion of the tread which protrudes beyond the face of the riser.
VOLUTE-	A handrail fitting used on a volute newel which turns away from the stairway in a circular fashion.

wood•craf•ters

defined

Abrasives

Sandpaper in sheets, belts, discs, drums, steel wool, abrasive cord

Adhesives

Yellow glue, Polyurethane glue, contact cement, hide glue, resorcinol, quick bonding glue & the full line from Titebond

Architectural

Columns—capitals, stock & custom-built fireplace mantles, corbels, corner blocks, decorative appliques, ceiling medallions, rosettes, weathervanes

Books & Magazines

Design, construction, remodeling, technical books, wood finishing, furniture making, wood carving, toy making, tools, patterns, plans & jigs

Clamps

Bar clamps, pipe & pipe clamps, band clamps, miter clamps, picture framing corner clamps

Countertops

Hard Maple Butcherblocks, benchtops & cutting boards

Finishes

Stains, dyes, sealers, wood conditioner, putty, filler, tung oil, top coats, polyurethanes, lacquer, varnish, shellac, solvents, rubbing & polishing compounds, waxes, tack cloth, brushes, scratch removers, bleach, strippers & removers

Flooring

Do-it-yourself, longstrip, parquet, strip flooring

Furniture Supplies

Buttons, dowels, plugs, plate rails, galley railing

Hand Tools

Chisels & mallets, sharpening stones, planes, marking and measuring tools, moisture meters, carving tools, dovetail jigs, japanese backsaws, knives

Hardware

Drywall screws, finish nails, cabinet hinges, drawer slides, lazy susan bearings, brass knobs & pulls, knock down hardware & box hardware

Lumber

Dimensional: 3/4" thick and up to 12" wide Oak, Cherry, CVG Fir, Hemlock, Poplar, Maple, Cabinet Grade MDF

Domestic Hardwoods:

Cabinet, carving, furniture, turning woods. Species include Alder, Ash, Basswood, Beech, Birch, Gum, Maple, Red Oak, White Oak, Poplar, Walnut

World Hardwoods: 50 species: Cabinet, carving, turning, boat building

Mantels

Paint/stain grade, custom built to your specifications

Stock & Custom Moldings

Red Oak, Hemlock, Poplar, Cherry, Maple, Mahogany, Clear and Finger-Jointed Pine

Plywood

20 species, domestic & exotic, cut to size

Power Tools

Carving: Detail Master, ArborTech, Foredom, Proxxon

Shop: Festool, Delta, Jet, Powermatic, Steel City, Shop Fox, SawStop, Porter-Cable, Freud & Dewalt

Router Bits

Over 1700 different profiles of router bits in stock from Amana, Freud, CMT

Stair Parts

Curved, spiral, Hemlock, Maple, Cherry Oak, Poplar, plus custom designs in other more exotic species

Veneer

Over 20 species; 2 ft wide, cut to length, 4 x 8 full sheets, edgetape

With an ever expanding variety of tools, hardwoods, finishing supplies, instructional books, etc., Woodcrafters truly is your Woodworking Superstore.

Woodcrafters is second to none in customer service. Our sales people are experienced in a variety of woodworking and construction disciplines. So, if you need advice for a project—from stair installations to wood finishing to carving—just ask one of our experts, we will know the answer.



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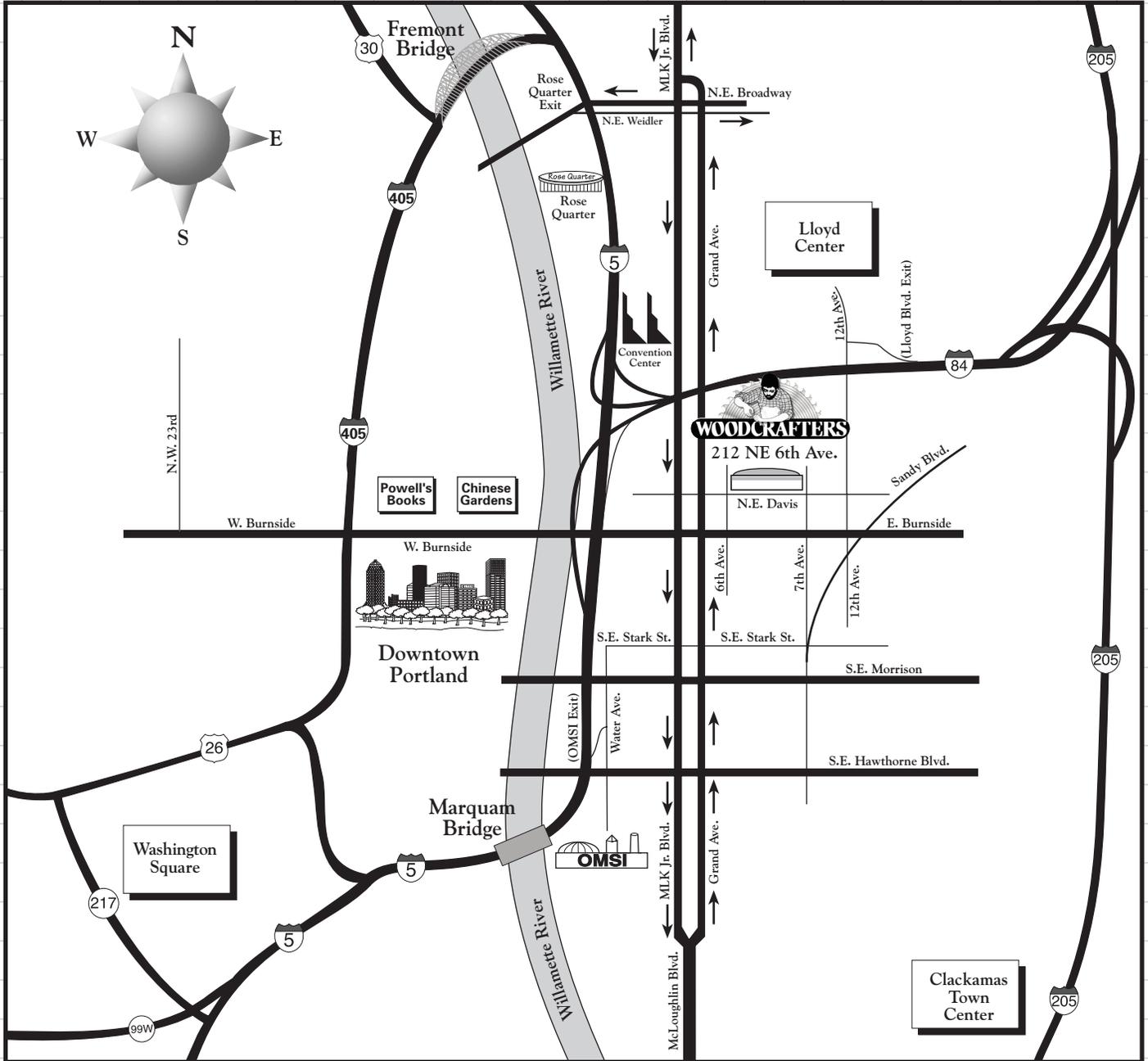
WOODWORKING SUPERSTORE



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212 NE Sixth Avenue
Portland, Oregon 97232-2976



WOODCRAFTERS LUMBER SALES, INC.

212 NE Sixth Avenue
Portland, Oregon 97232-2976

Phone: 503-231-0226 • Toll Free: 800-777-3709 • FAX: 503-232-0511

Come visit our new website at www.woodcrafters.us

Everything for the Woodworker, and More!