



A NOVO Building Products Company



open up to inspiration

INTERIOR STAIR SYSTEMS CATALOG



A TRADITION OF QUALITY *craftsmanship*

L.J. Smith Stair Systems traces its origins back to 1885, when L.J. Smith himself began crafting staircases in Pittsburgh, Pennsylvania. Over the decades, the company expanded and evolved, moving to Conotton, Ohio, in 1911 and becoming known for its meticulously crafted circular stairways. After Smith's passing in 1942, his son (Roy Smith, pictured right) continued the legacy until the family sold the business in 1977. Significant growth followed in the 1980s, prompting the construction of a larger manufacturing facility near Bowerston, Ohio.



Since then, L.J. Smith has expanded nationwide, now operating five locations, including four manufacturing facilities. Today, it stands as the largest stair parts manufacturer in the United States, known for its innovative products such as unique concealed installation hardware and horizontal infill systems. With patents on numerous products, L.J. Smith remains committed to enhancing stairway design possibilities, reflecting its leadership in craftsmanship and innovation in the industry.





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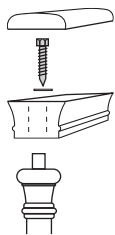
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WHY L.J. SMITH?

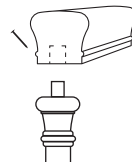
L.J. Smith Stair Systems has carved out a vital role in the building trades industry through a seamless blend of innovation and tradition. By developing cutting-edge product lines that incorporate the latest materials and design advancements, L.J. Smith ensures that builders and designers have access to the most current solutions in complete stair system parts and accessories.

HANDRAIL FITTINGS — We offer the patented Conect-A-Kit® fittings that provide a stronger method of securing to handrails and newel posts while completely concealing all hardware, or the Traditional fittings that utilize rail bolts for installation. *View all handrail fittings on pages 80-87.*



CONECT-A-KIT®

Bolted directly to the newel post while completely concealing the hardware.



TRADITIONAL

Secured using finish nails or clamp nails for gooseneck fittings.



Pictured: LJ-5V25 Balusters, LJRA-4091 Box Newels, LJ-6210P Plowed Handrail



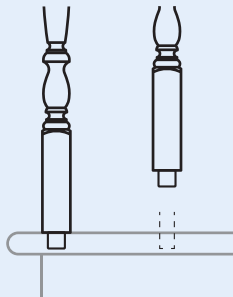
TWO TYPES OF WOOD BALUSTERS TO MATCH YOUR AESTHETIC

All baluster designs can be found on pages 8-10.

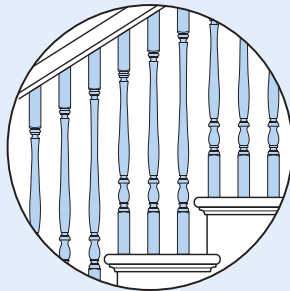
TRADITIONAL S- SERIES 5 LENGTHS

VS

LJ- SERIES 3 LENGTHS

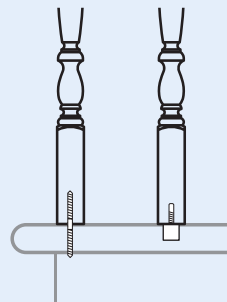


The turned wooden pin inserts into drilled holes on the treads and/or landing. Adhesive and finish nails are typically used for installation to fasten the balusters to the treads.

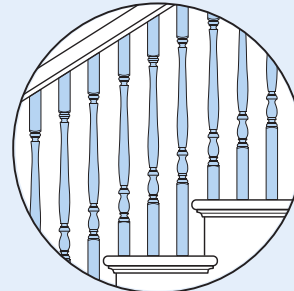


The detail at the bottom of the baluster flows with the treads.

- Base blocks are identical in height, placing emphasis on each individual step.
- Turning length varies, which leads to limited substitution options.
- Bottom block length stays the same.
- Five lengths are 31", 34", 36", 39" and 42".
- Each baluster has a fixed 3/4" pin which is included in the overall length dimension.
- Cut baluster to length from the top.



The double-end lag screw (LJ-3076 sold separately) securely tightens down each baluster for a strong rail system, while the hardware is completely concealed. Pin E-Z can also be used for installing in the traditional manner.



The turning detail flows with the handrail.

- Base blocks are proportioned to create a smooth flowing ascending line – turnings follow the rake rail.
- Each turning length is the same, reducing inventory.
- Bottom block length varies makes for easy substitution.
- Three lengths are 34", 38", and 42".
- Removeable pin. Optional LJ-3076 Dowel-Fast Screw (sold separately).
- Cut baluster to length from the bottom.



SELECTING YOUR INTERIOR STAIR SYSTEM

four simple steps

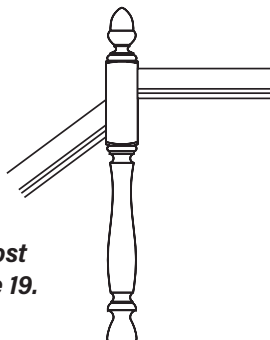
step
1

CHOOSE YOUR SYSTEM STYLE

POST TO POST

The handrail runs between the newel posts.

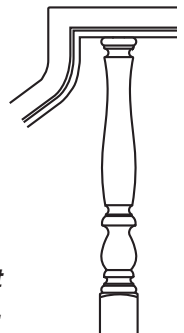
See our complete Post to Post collections starting on page 19.



OVER THE POST

The handrail runs over the newel posts with the use of handrail fittings.

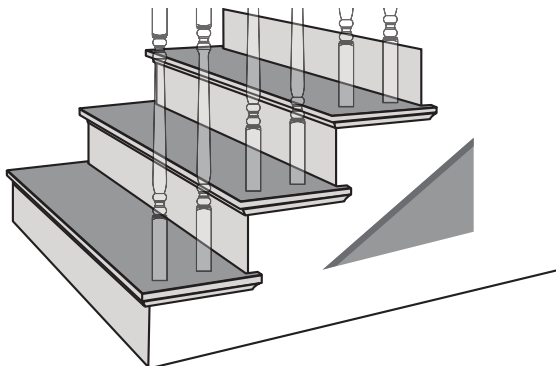
See our complete Over the Post collections starting on page 49.



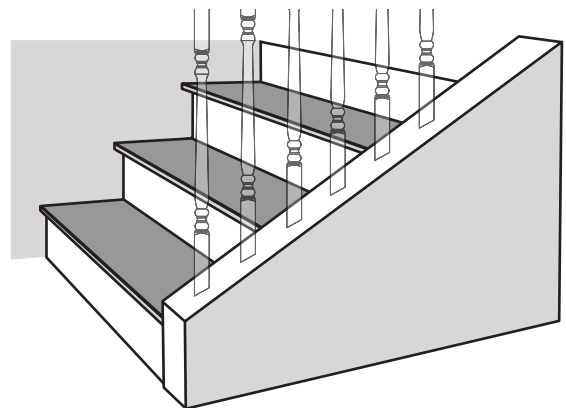
step
2

CHOOSE YOUR TREAD STYLE

OPEN TREADS



KNEEWALL



Note: Determine if your stair treads will be carpeted, exposed wood, or both. ***See pages 92-94 for all tread product options.***



step 3

CHOOSE YOUR BALUSTERS

PIN TOP



SQUARE TOP



IRON



When selecting a wood baluster, you can choose either a Pin Top or a Square Top Style.

Pin top balusters pair with non-plowed handrails, while square top baluster pair with plowed handrails.

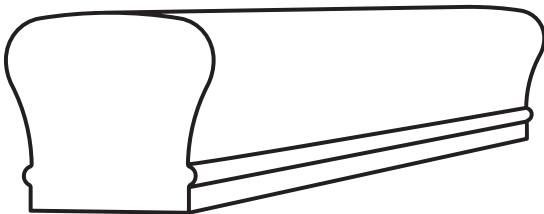
Iron balusters can be paired with any of our non-plowed handrails.

See overview of balusters on pages 8-11.

step 4

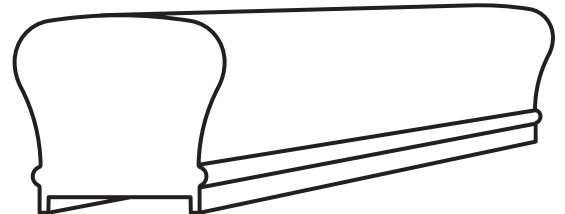
CHOOSE YOUR HANDRAIL

NON-PLOWED



Non-plowed handrails pair with wood pin top and iron balusters.

PLOWED

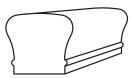


Plowed handrails pair with square top wood balusters.

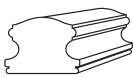
See overview of handrail styles and compatible balusters on pages 8-11.



NON-PLOWED HANDRAILS & CORRESPONDING 1 3/4" PIN TOP BALUSTERS



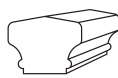
LJ-6210



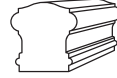
LJ-6400



LJ-6519



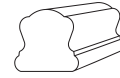
LJ-6701



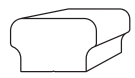
LJ-6900



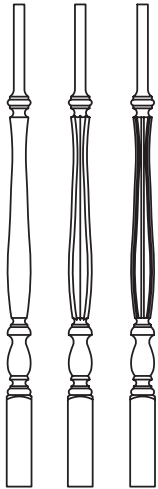
LJ-6A10



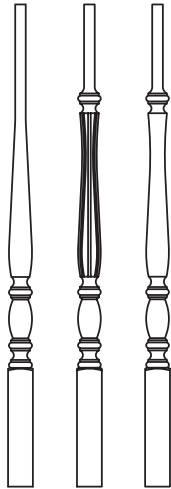
LJ-6B10



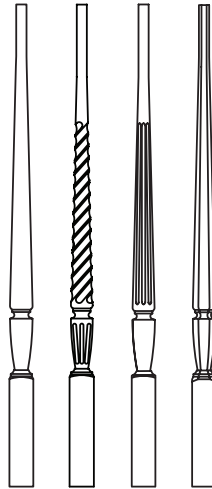
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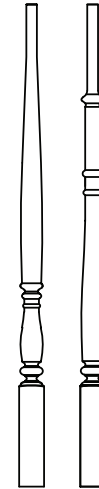
BRIARCLIFFE
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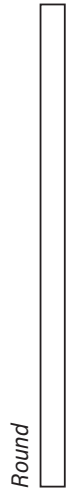
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HARMONY
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COLONY
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CLEAN
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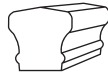
NON-PLOWED HANDRAILS & CORRESPONDING 1 1/4" PIN TOP BALUSTERS



LJ-6002



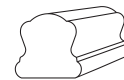
LJ-6010



LJ-6601



LJ-6A10



LJ-6B10



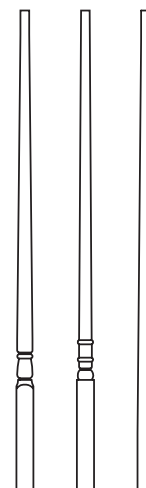
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CLASSIC
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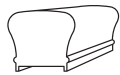
CORNERSTONE
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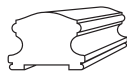
CRISP
Collection
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PLOWED HANDRAILS & CORRESPONDING 1 3/4" SQUARE TOP BALUSTERS



LJ-6210P



LJ-6400P



LJ-6519P



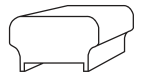
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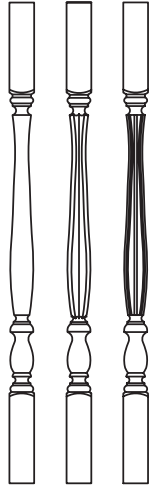
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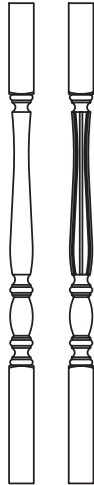
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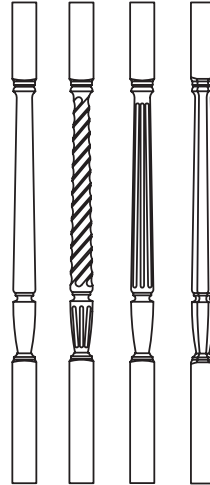
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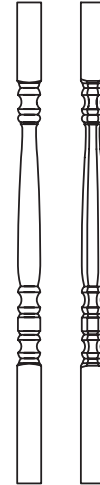
HARBOR
Collection
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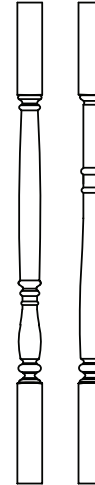
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REGENT
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HARMONY
Collection
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COLONY
Collection
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PLOWED HANDRAILS & CORRESPONDING 1 3/4" SQUARE TOP BALUSTERS



LJ-6000



LJ-6010P



LJ-6601P



LJ-6A10P0



LJ-6B10P0



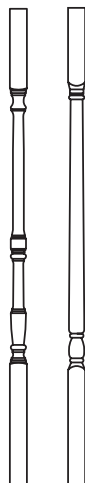
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LASALLE
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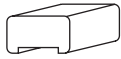


CORNERSTONE
Collection
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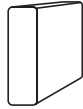




SQUARE BALUSTER HANDRAILS & CORRESPONDING BALUSTERS



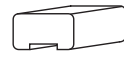
LJ-6001



LJ-6003

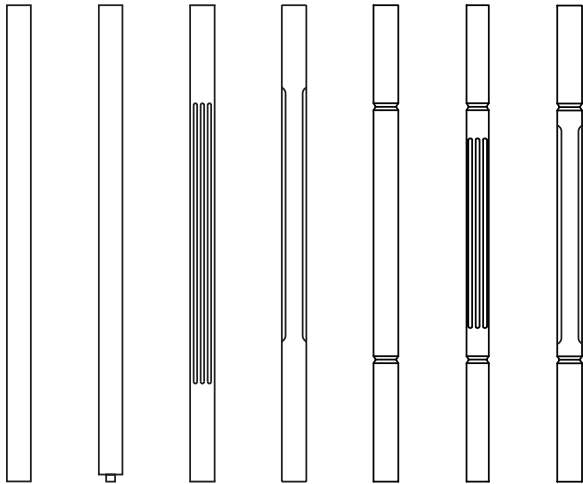


LJ-6203



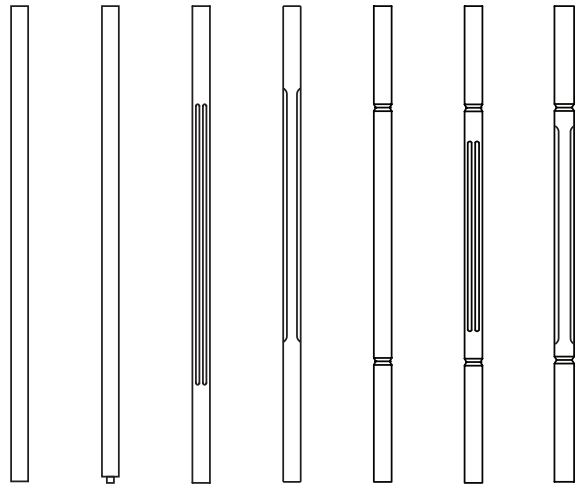
LJ-6000

1 3/4" SQUARE BALUSTERS



CLEAN Collection
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1 1/4" SQUARE BALUSTERS



CRISP Collection
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Pictured: LJ-5060 Balusters, LJ-4091
Box Newel, LJ-6601P Plowed Handrail

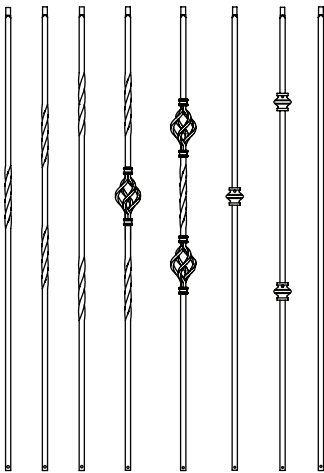




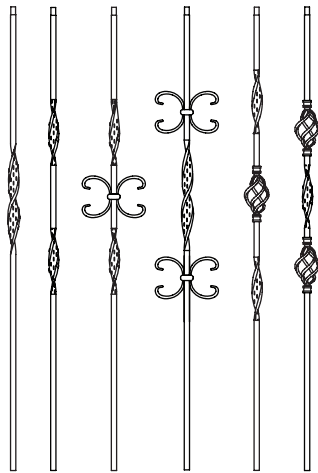
ORNAMENTAL IRON BALUSTERS - *each can be paired with any non-plowed handrail (see pages 8-10)*



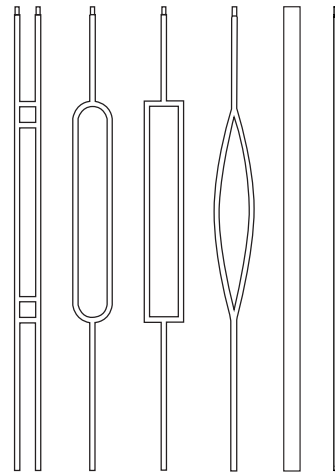
Pictured: LIH-HOL166144 and LIH-HOL166244 Iron Balusters, LJP-4591 Box Newels, LJ-6210 Handrail



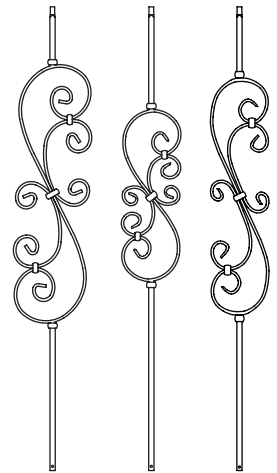
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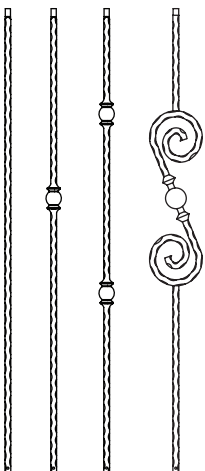
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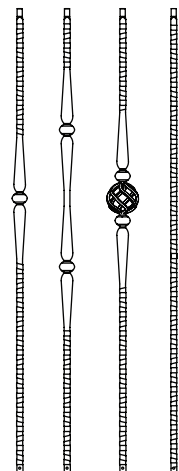
CONTEMPO Collection
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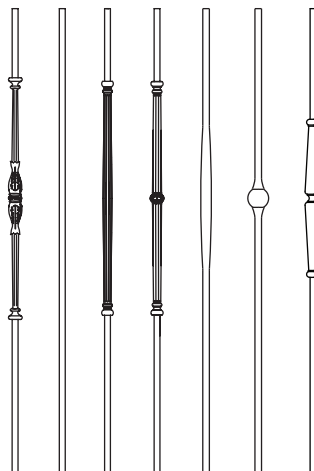
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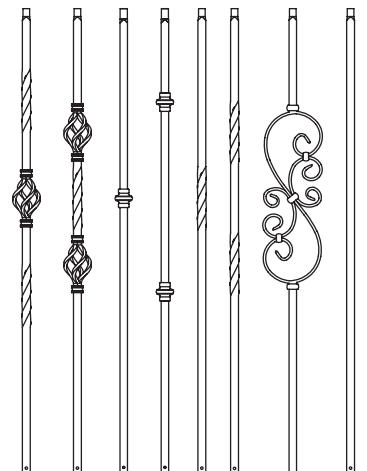
PUMMEL Collection
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CAMELOT Collection
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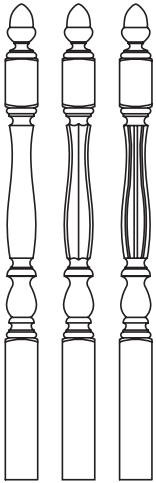
ESPRESSO Collection
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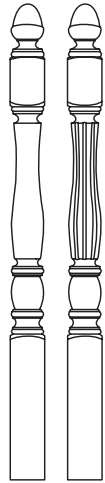
MEGA Collection
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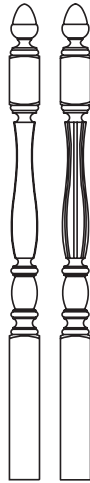
POST TO POST NEWEL STYLES



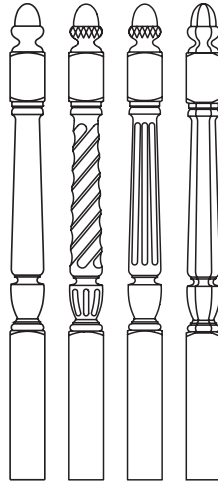
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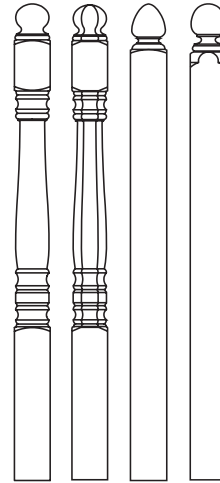
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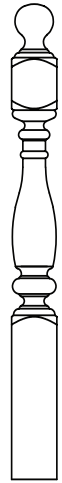
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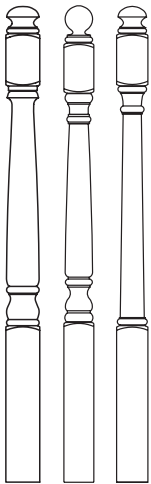
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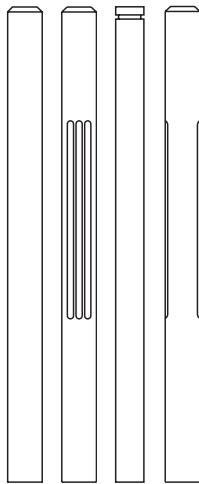
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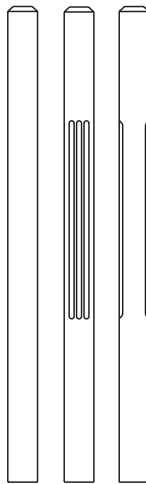
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CORNERSTONE
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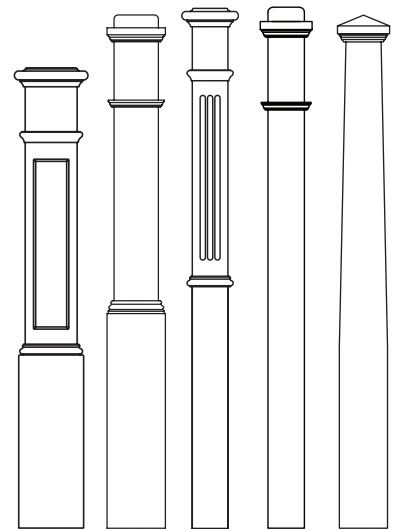
CLEAN
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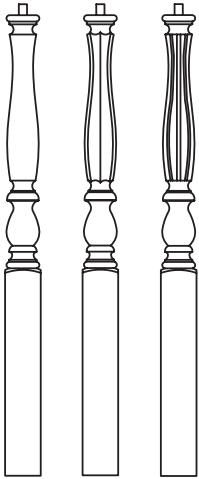


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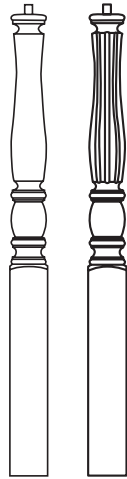


HEIRLOOM
Box Newel Collection
Many more styles on pages 41-45

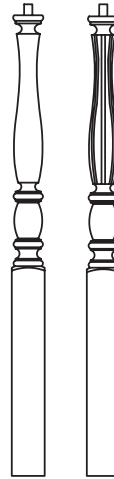
OVER THE POST NEWEL STYLES



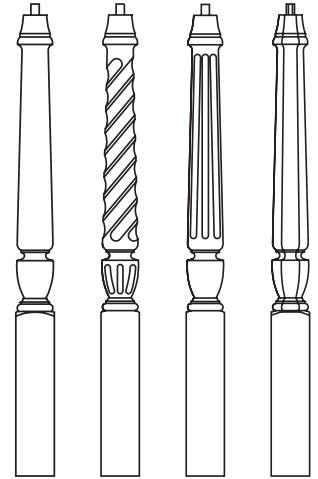
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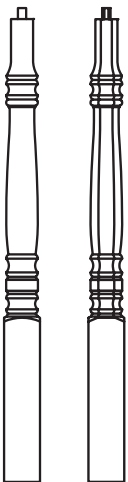
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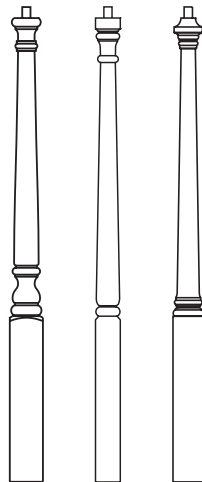
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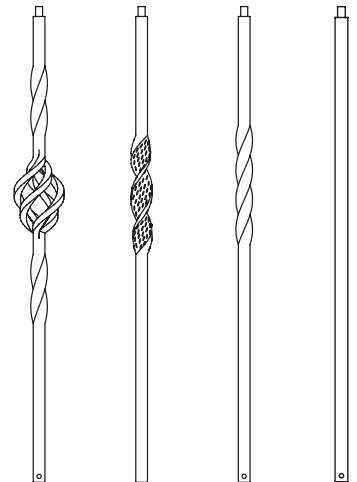
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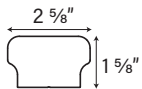


IRON NEWELS
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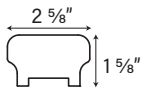


HANDRAIL & SHOERAIL

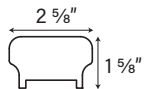
profile options



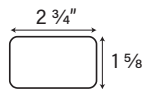
684



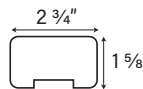
684P0
1-1/4" Plow



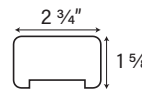
684P1
1-3/4" Plow



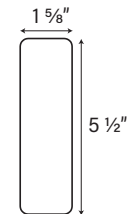
LJ-6002



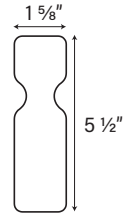
LJ-6000
1-1/4" Plow



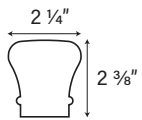
LJ-6001
1-3/4" Plow



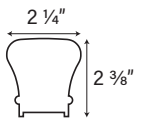
LJ-6003



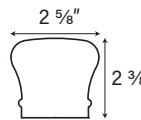
LJ-6203



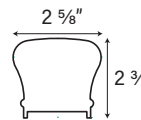
LJ-6010



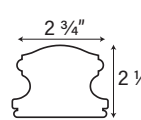
LJ-6010P
1-1/4" Plow



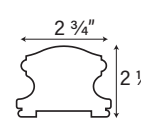
LJ-6210



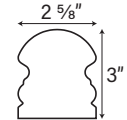
LJ-6210P
1-3/4" Plow



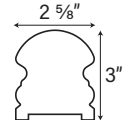
LJ-6400



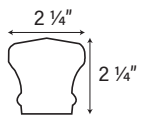
LJ-6400P
1-3/4" Plow



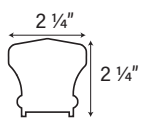
LJ-6519



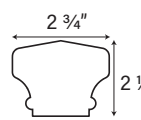
LJ-6519P
1-3/4" Plow



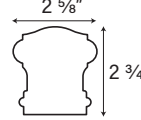
LJ-6601



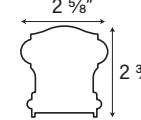
LJ-6601P
1-1/4" Plow



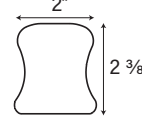
LJ-6701



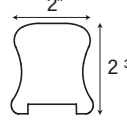
LJ-6900



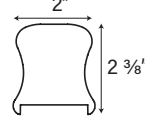
LJ-6900P
1-3/4" Plow



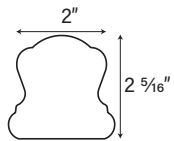
LJ-6A10



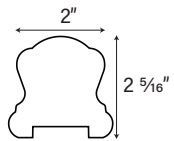
LJ-6A10P0
1-1/4" Plow



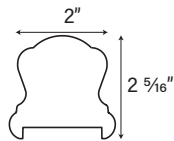
LJ-6A10P1
1-3/4" Plow



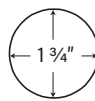
LJ-6B10



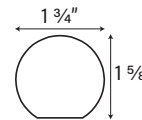
LJ-6B10P0
1-1/4" Plow



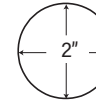
LJ-6B10P1
1-3/4" Plow



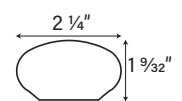
LJ-6039



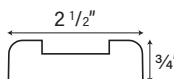
LJ-6040



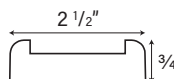
LJ-6041



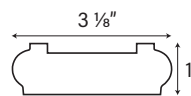
LJ-6042



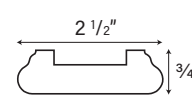
LJ-6000S
1-1/4" Plow



LJ-6001S
1-3/4" Plow



LJ-6006
1-3/4" Plow



LJ-6045
1-1/4" Plow



HANDRAIL *construction*

FINGERJOINTED

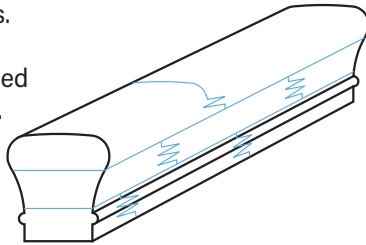
All plies have finger joints.

Top plies are color matched in 42" lengths and longer.

Bottom plies contain multiple finger joints.

Handrail is made with two or more plies.

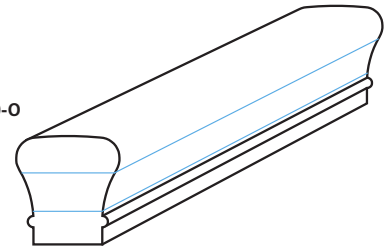
Order example: **LJ-6010(P)-10-O**
Only use P for plowed handrail



CLEAR

All plies are solid.

Order example: **LJ-6010(P)C-10-O**
Only use P for plowed handrail

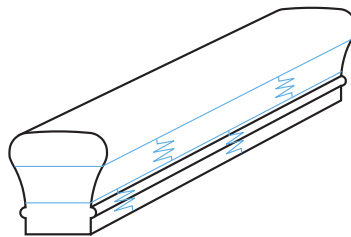


SOLID CAP

The top ply will be free of finger joints (depending on specie, 14' lengths and up may contain up to one visible butt joint on the cap).

Rest of plies utilize finger joint construction.

Order example:
LJ-6010(P)SC-10-O (8'-14' lengths)
LJ-6010(P)FJ1-O (16' lengths and longer)
Only use P for plowed handrail

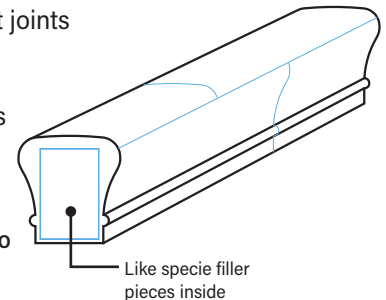


ENGINEERED

Constructed using butt joints instead of finger joints.

Solid wood filler pieces wrapped in profiled finish wood pieces.

Order example: **LJ-6010(P)U-10-O**
Only use P for plowed handrail





STAIR COMPONENT *species options*



Alder



Beech



Cherry



Hard Maple



Hemlock



Hickory



Maple



Poplar



Primed



Red Oak



Walnut



White Oak

L.J. Smith is proud to offer the above species of wood products, and we would also be glad to quote any other species. Call us for product availability and lead times.

Note: all species shown here are clear coated for illustrative purposes only.



Pictured: LIH-HOLPLA44 Iron Balusters,
LJ-4091 Box Newels, LJ-6010 Handrail



Pictured: LJ-5070 Balusters,
LJ-4004RT Series Newels,
LJ-6002 Handrail



Pictured: LJ-5040 Balusters,
LJ-4005COL Newel Post,
684 Handrail



Pictured: LJP-3940 Newel
Post, LJP-2915 Balusters,
LJ-6900 Handrail

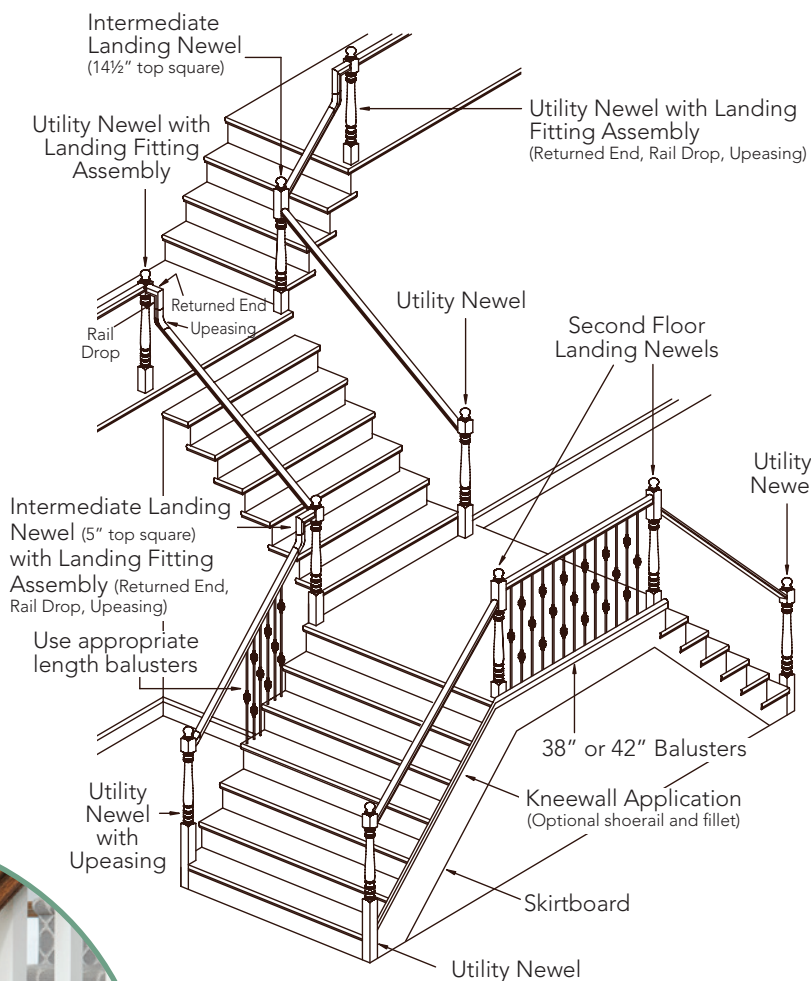


POST TO POST *systems*

TIMELESS ELEGANCE MEETS LIMITLESS POSSIBILITIES.

Each Post to Post collection features components that are compatible with one another. We recommend choosing the handrail, baluster and newel styles for your stairway from the same collection.

If your stairway will require landing fitting assemblies, we have a variety to choose from. See pages 86-87.

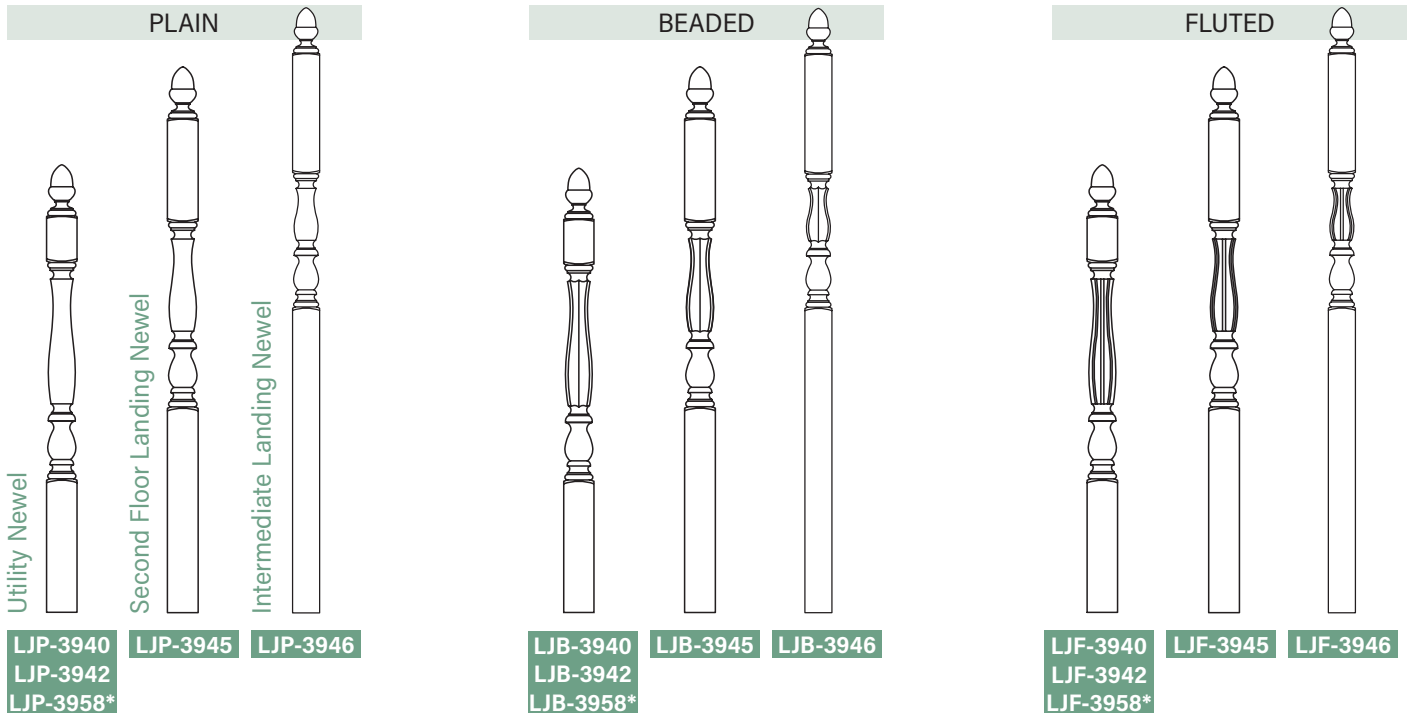


All of our Post to Post collections can be paired with box newels from our Heirloom Collection. See pages 41-45.



HARBOR *collection*

NEWEL POSTS



*Requires a landing fitting assembly (gooseneck pp 86-87)

NEWEL POSTS	FINIAL	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
UTILITY NEWELS						
3940	5 7/16" (138 mm)	5" (127 mm)	23 1/16" (586 mm)	14 1/4" (362 mm)	3 1/4" (83 mm)	48" (1219 mm)
3942	5 7/16" (138 mm)	5" (127 mm)	23 1/16" (586 mm)	24 1/4" (616 mm)	3 1/4" (83 mm)	58" (1473 mm)
SECOND FLOOR LANDING NEWEL						
3945	5 7/16" (138 mm)	11" (279 mm)	19 1/2" (495 mm)	21 3/4" (552 mm)	3 1/4" (83 mm)	58" (1473 mm)
INTERMEDIATE LANDING NEWELS						
3946	5 7/16" (138 mm)	14 1/2" (368 mm)	16" (406 mm)	36 3/4" (933 mm)	3 1/4" (83 mm)	73" (1854 mm)
3958	5 7/16" (138 mm)	5" (127 mm)	23 1/16" (586 mm)	44 1/4" (1124 mm)	3 1/4" (83 mm)	78" (1981 mm)

FILLET & SHOERAIL



LJ-6007

HEIGHT	WIDTH
5/16" (8 mm)	1 3/4" (44 mm)

LJ-6006

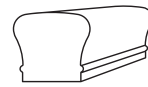
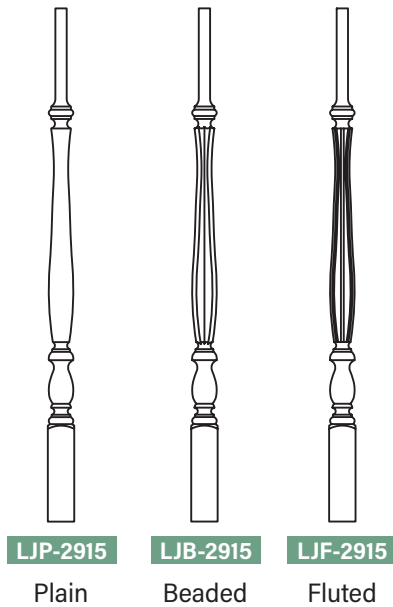
HEIGHT	WIDTH	PLOW WIDTH
1" (25 mm)	3 1/8" (79 mm)	1 3/4" (44 mm)

BALUSTER NOTE:

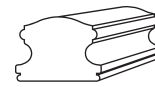
"LJ-" series wood balusters are pre-drilled with a 9/32" (7 mm) diameter hole at least 3" (76 mm) deep in which a pin ("Pin E-Z") is loosely inserted. Every baluster can then be installed in the traditional manner, or by using the Dowel-Fast™ screws as shown on page 97 (sold separately).



PIN TOP BALUSTERS & NON-PLOWED HANDRAILS



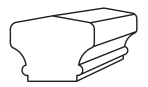
LJ-6210



LJ-6400



LJ-6519



LJ-6701



LJ-6900



LJ-6A10



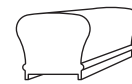
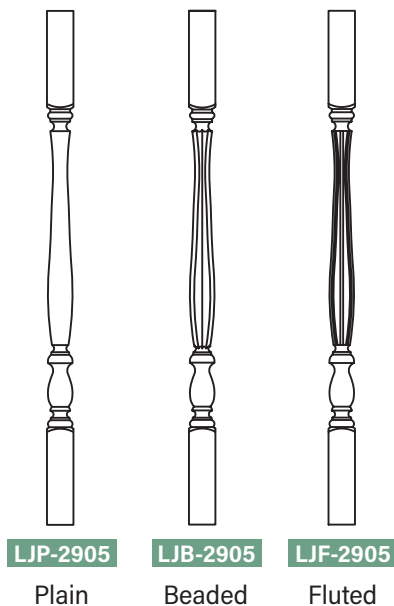
LJ-6B10



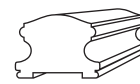
684

BALUSTER	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
2915-34	27 5/16" (700 mm)	6 7/16" (164 mm)	1 3/4" (44 mm)	34" (864 mm)
2915-38	27 5/16" (700 mm)	10 7/16" (265 mm)	1 3/4" (44 mm)	38" (965 mm)
2915-42	27 5/16" (700 mm)	14 7/16" (367 mm)	1 3/4" (44 mm)	42" (1067 mm)
HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH	
LJ-6210	2 3/8" (60 mm)	2 5/8" (67 mm)	2" (51 mm)	
LJ-6400	2 1/4" (57 mm)	2 3/4" (70 mm)	3" (76 mm)	
LJ-6519	3" (76 mm)	2 5/8" (67 mm)	2 5/8" (67 mm)	
LJ-6701	2 1/8" (54 mm)	2 3/4" (70 mm)	1 5/8" (41 mm)	
LJ-6900	2 3/4" (70 mm)	2 5/8" (67 mm)	1 15/16" (49 mm)	
LJ-6A10	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)	
LJ-6B10	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)	
684	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)	

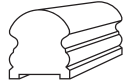
SQUARE TOP BALUSTERS & PLOWED HANDRAILS



LJ-6210P



LJ-6400P



LJ-6519P



LJ-6900P



LJ-6A10P1



LJ-6B10P1



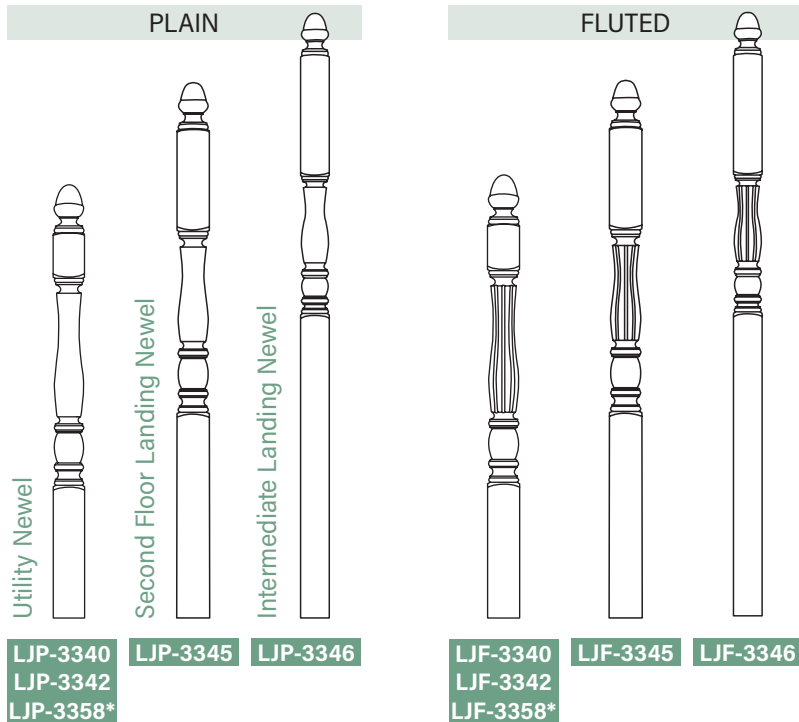
684P1

BALUSTER	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
2905-34	6 1/2" (165 mm)	21 1/16" (535 mm)	6 7/16" (164 mm)	1 3/4" (44 mm)	34" (864 mm)
2905-38	6 1/2" (165 mm)	21 1/16" (535 mm)	10 7/16" (265 mm)	1 3/4" (44 mm)	38" (965 mm)
2905-42	6 1/2" (165 mm)	21 1/16" (535 mm)	14 7/16" (367 mm)	1 3/4" (44 mm)	42" (1067 mm)
HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH	PLOW WIDTH	
LJ-6210P	2 3/8" (60 mm)	2 5/8" (67 mm)	2" (51 mm)	1 3/4" (44 mm)	
LJ-6400P	2 1/4" (57 mm)	2 3/4" (70 mm)	3" (76 mm)	1 3/4" (44 mm)	
LJ-6519P	3" (76 mm)	2 5/8" (67 mm)	2 5/8" (67 mm)	1 3/4" (44 mm)	
LJ-6900P	2 3/4" (60 mm)	2 5/8" (67 mm)	1 15/16" (49 mm)	1 3/4" (44 mm)	
LJ-6A10P1	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)	1 3/4" (44 mm)	
LJ-6B10P1	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)	1 3/4" (44 mm)	
684P1	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)	1 3/4" (44 mm)	



BRIARCLIFFE *collection*

NEWEL POSTS



Pictured: L.J-2111 Balusters,
LJP-3340 Series Newel
Posts, LJ-6900 Handrail



Available in Ball Top

Specify "BT" suffix
(LJF-3340BT)
(LJP-3340BT)

*Requires a landing fitting assembly (gooseneck pp 86-87)

NEWEL POSTS	FINIAL	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
UTILITY NEWELS						
3340	5" (127 mm)	5" (127 mm)	23" (584 mm)	14 1/2" (368 mm)	3 1/2" (89 mm)	48" (1219 mm)
3342	5" (127 mm)	5" (127 mm)	23" (584 mm)	24 1/2" (622 mm)	3 1/2" (89 mm)	58" (1473 mm)
SECOND FLOOR LANDING NEWEL						
3345	5" (127 mm)	11" (279 mm)	19 1/2" (495 mm)	22" (558 mm)	3 1/2" (89 mm)	58" (1473 mm)
INTERMEDIATE LANDING NEWELS						
3346	5" (127 mm)	14 1/2" (368 mm)	16 1/2" (419 mm)	36 1/2" (927 mm)	3 1/2" (89 mm)	73" (1854 mm)
3358	5" (127 mm)	5" (127 mm)	23" (584 mm)	44 1/2" (1130 mm)	3 1/2" (89 mm)	78" (1981 mm)

FILLET & SHOERAIL



LJ-6007

HEIGHT	WIDTH
5/16" (8 mm)	1 3/4" (44 mm)

LJ-6006

HEIGHT	WIDTH	PILOW WIDTH
1" (25 mm)	3 1/8" (79 mm)	1 3/4" (44 mm)

BALUSTER NOTE:

"LJ-" series wood balusters are pre-drilled with a 9/32" (7 mm) diameter hole at least 3" (76 mm) deep in which a pin ("Pin E-Z") is loosely inserted. Every baluster can then be installed in the traditional manner, or by using the Dowel-Fast™ screws as shown on page 97 (sold separately).



PIN TOP BALUSTERS & NON-PLOWED HANDRAILS



LJ-2111



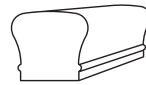
LJP-2115

Plain

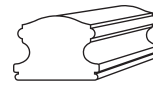


LJF-2115

Fluted



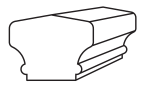
LJ-6210



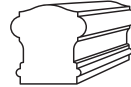
LJ-6400



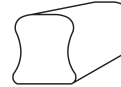
LJ-6519



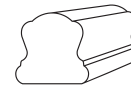
LJ-6701



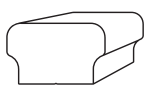
LJ-6900



LJ-6A10



LJ-6B10



684

BALUSTER	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
LJ-2111-34	25 5/8" (651 mm)	8 3/8" (213 mm)	1 3/4" (44 mm)	34" (864 mm)
LJ-2111-38	25 5/8" (651 mm)	12 3/8" (314 mm)	1 3/4" (44 mm)	38" (965 mm)
LJ-2111-42	25 5/8" (651 mm)	16 3/8" (416 mm)	1 3/4" (44 mm)	42" (1067 mm)
2115-34	25 9/16" (642 mm)	8 7/16" (214 mm)	1 3/4" (44 mm)	34" (864 mm)
2115-38	25 9/16" (642 mm)	12 7/16" (316 mm)	1 3/4" (44 mm)	38" (965 mm)
2115-42	25 9/16" (642 mm)	16 7/16" (418 mm)	1 3/4" (44 mm)	42" (1067 mm)

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH
LJ-6210	2 3/8" (60 mm)	2 5/8" (67 mm)	2" (51 mm)
LJ-6400	2 1/4" (57 mm)	2 3/4" (70 mm)	3" (76 mm)
LJ-6519	3" (76 mm)	2 5/8" (67 mm)	2 5/8" (67 mm)
LJ-6701	2 1/8" (54 mm)	2 3/4" (70 mm)	1 5/8" (41 mm)
LJ-6900	2 3/4" (70 mm)	2 5/8" (67 mm)	1 5/16" (49 mm)
LJ-6A10	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)
LJ-6B10	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)
684	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)

SQUARE TOP BALUSTERS & PLOWED HANDRAILS



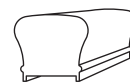
LJP-2105

Plain

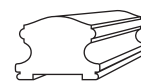


LJF-2105

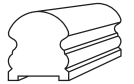
Fluted



LJ-6210P



LJ-6400P



LJ-6519P



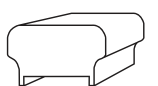
LJ-6900P



LJ-6A10P1



LJ-6B10P1



684P1

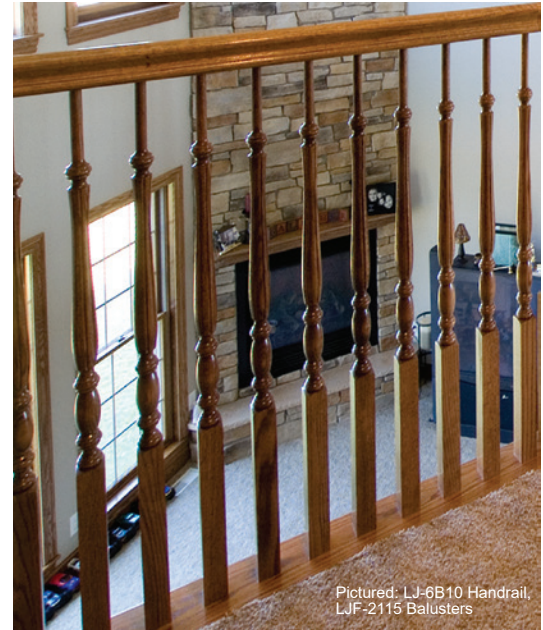
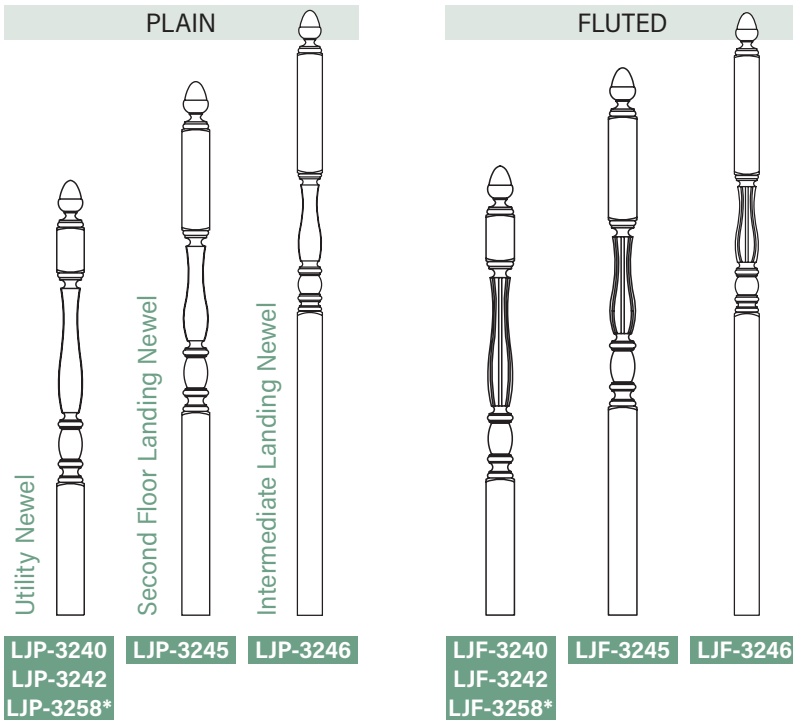
BALUSTER	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
2105-34	6 1/2" (165 mm)	19 1/8" (486 mm)	8 3/8" (213 mm)	1 3/4" (44 mm)	34" (864 mm)
2105-38	6 1/2" (165 mm)	19 1/8" (486 mm)	12 3/8" (314 mm)	1 3/4" (44 mm)	38" (965 mm)
2105-42	6 1/2" (165 mm)	19 1/8" (486 mm)	16 3/8" (416 mm)	1 3/4" (44 mm)	42" (1067 mm)

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH	PLOW WIDTH
LJ-6210P	2 3/8" (60 mm)	2 5/8" (67 mm)	2" (51 mm)	1 3/4" (44 mm)
LJ-6400P	2 1/4" (57 mm)	2 3/4" (70 mm)	3" (76 mm)	1 3/4" (44 mm)
LJ-6519P	3" (76 mm)	2 5/8" (67 mm)	2 5/8" (67 mm)	1 3/4" (44 mm)
LJ-6900P	2 3/4" (60 mm)	2 5/8" (67 mm)	1 5/16" (49 mm)	1 3/4" (44 mm)
LJ-6A10P1	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)	1 3/4" (44 mm)
LJ-6B10P1	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)	1 3/4" (44 mm)
684P1	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)	1 3/4" (44 mm)



LASALLE *collection*

NEWEL POSTS



Pictured: LJ-6B10 Handrail, LJF-2115 Balusters

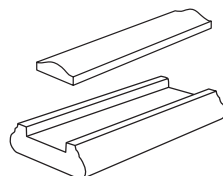


Available in Ball Top
Specify "BT" suffix
(LJF-3240BT)
(LJP-3240BT)

*Requires a landing fitting assembly (gooseneck pp 86-87)

NEWEL POSTS	FINIAL	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
UTILITY NEWELS						
3240	5" (127 mm)	5" (127 mm)	23" (584 mm)	14 1/2" (368 mm)	3" (76 mm)	48" (1219 mm)
3242	5" (127 mm)	5" (127 mm)	23" (584 mm)	24 1/2" (622 mm)	3" (76 mm)	58" (1473 mm)
SECOND FLOOR LANDING NEWEL						
3245	5" (127 mm)	11" (279 mm)	19 1/2" (495 mm)	22" (558 mm)	3" (76 mm)	58" (1473 mm)
INTERMEDIATE LANDING NEWELS						
3246	5" (127 mm)	14 1/2" (368 mm)	16 1/2" (419 mm)	36 1/2" (927 mm)	3" (76 mm)	73" (1854 mm)
3258	5" (127 mm)	5" (127 mm)	23" (584 mm)	44 1/2" (1130 mm)	3" (76 mm)	78" (1981 mm)

FILLET & SHOERAIL



LJ-6050

HEIGHT	WIDTH
3/8" (10 mm)	1 1/4" (32 mm)

LJ-6045

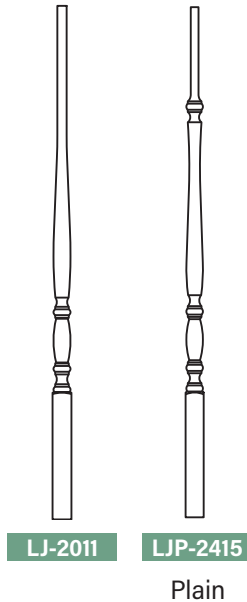
HEIGHT	WIDTH	PLow WIDTH
3/4" (19 mm)	2 1/2" (64 mm)	1 1/4" (32 mm)

BALUSTER NOTE:

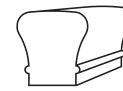
"LJ-" series wood balusters are pre-drilled with a 9/32"(7 mm) diameter hole at least 3"(76 mm) deep in which a pin ("Pin E-Z") is loosely inserted. Every baluster can then be installed in the traditional manner, or by using the Dowel-Fast™ screws as shown on page 97 (sold separately).



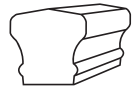
PIN TOP BALUSTERS & NON-PLOWED HANDRAILS



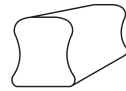
LJ-6002



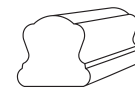
LJ-6010



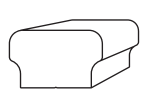
LJ-6601



LJ-6A10



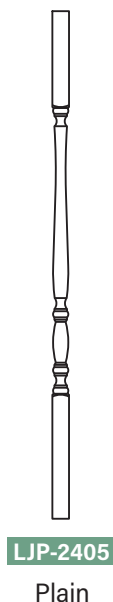
LJ-6B10



684

BALUSTER	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
LJ-2011-34	25 9/16" (642 mm)	8 7/16" (214 mm)	1 1/4" (32 mm)	34" (864 mm)
LJ-2011-38	25 9/16" (642 mm)	12 7/16" (316 mm)	1 1/4" (32 mm)	38" (965 mm)
LJ-2011-42	25 9/16" (642 mm)	16 7/16" (418 mm)	1 1/4" (32 mm)	42" (1067 mm)
LJP-2415-34	25 1/2" (648 mm)	8 1/2" (216 mm)	1 1/4" (32 mm)	34" (864 mm)
LJP-2415-38	25 1/2" (648 mm)	12 1/2" (318 mm)	1 1/4" (32 mm)	38" (965 mm)
LJP-2415-42	25 1/2" (648 mm)	16 1/2" (419 mm)	1 1/4" (32 mm)	42" (1067 mm)
HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH	
LJ-6002	1 5/8" (41 mm)	2 3/4" (70 mm)	2 3/4" (70 mm)	
LJ-6010	2 3/8" (60 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)	
LJ-6601	2 1/4" (57 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)	
LJ-6A10	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)	
LJ-6B10	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)	
684	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)	

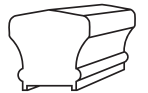
SQUARE TOP BALUSTER & PLOWED HANDRAILS



LJ-6000



LJ-6010P



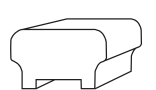
LJ-6601P



LJ-6A10P0



LJ-6B10P0



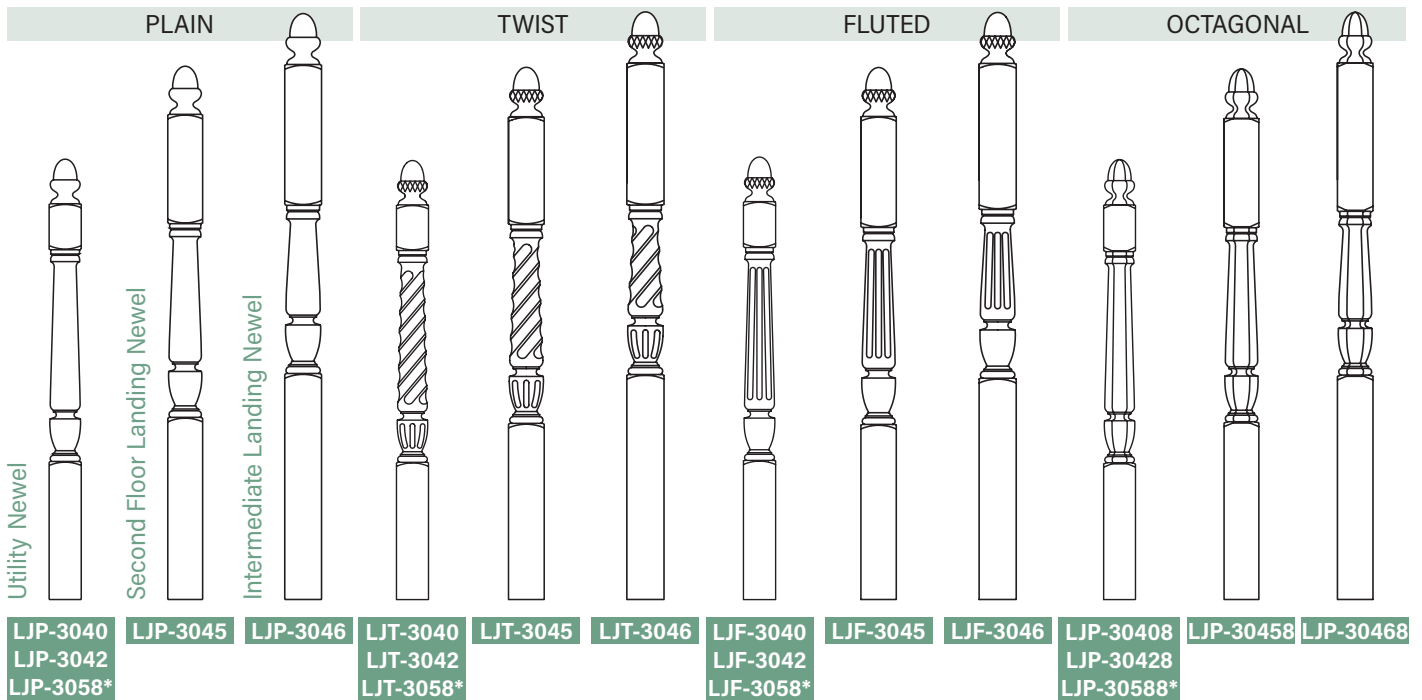
684P0

BALUSTER	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
LJP-2405-34	6 9/16" (167 mm)	19 1/16" (484 mm)	8 3/8" (213 mm)	1 1/4" (32 mm)	34" (864 mm)
LJP-2405-38	6 9/16" (167 mm)	19 1/16" (484 mm)	12 3/8" (314 mm)	1 1/4" (32 mm)	38" (965 mm)
LJP-2405-42	6 9/16" (167 mm)	19 1/16" (484 mm)	16 3/8" (416 mm)	1 1/4" (32 mm)	42" (1067 mm)
HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH	PLOW WIDTH	
LJ-6000	1 5/8" (41 mm)	2 3/4" (70 mm)	2 3/4" (70 mm)	1 1/4" (32 mm)	
LJ-6010P	2 3/8" (60 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)	1 1/4" (32 mm)	
LJ-6601P	2 1/4" (57 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)	1 1/4" (32 mm)	
LJ-6A10P0	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)	1 1/4" (32 mm)	
LJ-6B10P0	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)	1 1/4" (32 mm)	
684P0	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)	1 1/4" (32 mm)	



REGENT *collection*

NEWEL POSTS



*Requires a landing fitting assembly (gooseneck pp 86-87)

NEWEL POSTS	FINIAL	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
UTILITY NEWELS						
3040(8)	4 3/4" (121 mm)	5" (127 mm)	23" (584 mm)	15" (381 mm)	3 1/2" (89 mm)	48" (1219 mm)
3042(8)	4 3/4" (121 mm)	5" (127 mm)	23" (584 mm)	25" (635 mm)	3 1/2" (89 mm)	58" (1473 mm)
SECOND FLOOR LANDING NEWEL						
3045(8)	4 3/4" (121 mm)	11" (279 mm)	19 1/2" (495 mm)	22" (558 mm)	3 1/2" (89 mm)	58" (1473 mm)
INTERMEDIATE LANDING NEWELS						
3046(8)	4 3/4" (121 mm)	14 1/2" (368 mm)	16" (406 mm)	37" (939 mm)	3 1/2" (89 mm)	73" (1854 mm)
3058(8)	4 3/4" (121 mm)	5" (127 mm)	23" (584 mm)	45" (1143 mm)	3 1/2" (89 mm)	78" (1981 mm)

FILLET & SHOERAIL



LJ-6007

HEIGHT	WIDTH
5/16" (8 mm)	1 3/4" (44 mm)

LJ-6006

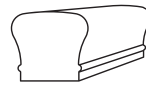
HEIGHT	WIDTH	PLOW WIDTH
1" (25 mm)	3 1/8" (79 mm)	1 3/4" (44 mm)

BALUSTER NOTE:

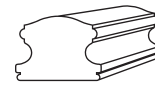
"LJ-" series wood balusters are pre-drilled with a 9/32"(7 mm) diameter hole at least 3"(76 mm) deep in which a pin ("Pin E-Z") is loosely inserted. Every baluster can then be installed in the traditional manner, or by using the Dowel-Fast™ screws as shown on page 97 (sold separately).



PIN TOP BALUSTERS & NON-PLOWED HANDRAILS



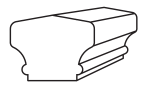
LJ-6210



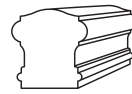
LJ-6400



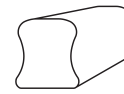
LJ-6519



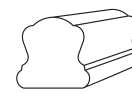
LJ-6701



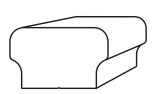
LJ-6900



LJ-6A10



LJ-6B10



684



LJP-2015



LJT-2015



LJF-2015



LJP-20158

Plain

Twisted

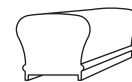
Fluted

Octagonal

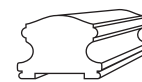
BALUSTER	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
2015(8)-34	28" (711 mm)	6" (152 mm)	1 3/4" (44 mm)	34" (864 mm)
2015(8)-38	28" (711 mm)	10" (254 mm)	1 3/4" (44 mm)	38" (965 mm)
2015(8)-42	28" (711 mm)	14" (356 mm)	1 3/4" (44 mm)	42" (1067 mm)

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH
LJ-6210	2 3/8" (60 mm)	2 5/8" (67 mm)	2" (51 mm)
LJ-6400	2 1/4" (57 mm)	2 3/4" (70 mm)	3" (76 mm)
LJ-6519	3" (76 mm)	2 5/8" (67 mm)	2 5/8" (67 mm)
LJ-6701	2 1/8" (54 mm)	2 3/4" (70 mm)	1 5/8" (41 mm)
LJ-6900	2 3/4" (70 mm)	2 5/8" (67 mm)	1 15/16" (49 mm)
LJ-6A10	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)
LJ-6B10	2 5/8" (59 mm)	2" (51 mm)	2 3/8" (60 mm)
684	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)

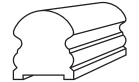
SQUARE TOP BALUSTERS & PLOWED HANDRAILS



LJ-6210P



LJ-6400P



LJ-6519P



LJ-6900P



LJ-6A10P1



LJ-6B10P1



684P1



LJP-2005



LJT-2005



LJF-2005



LJP-20058

Plain

Twisted

Fluted

Octagonal

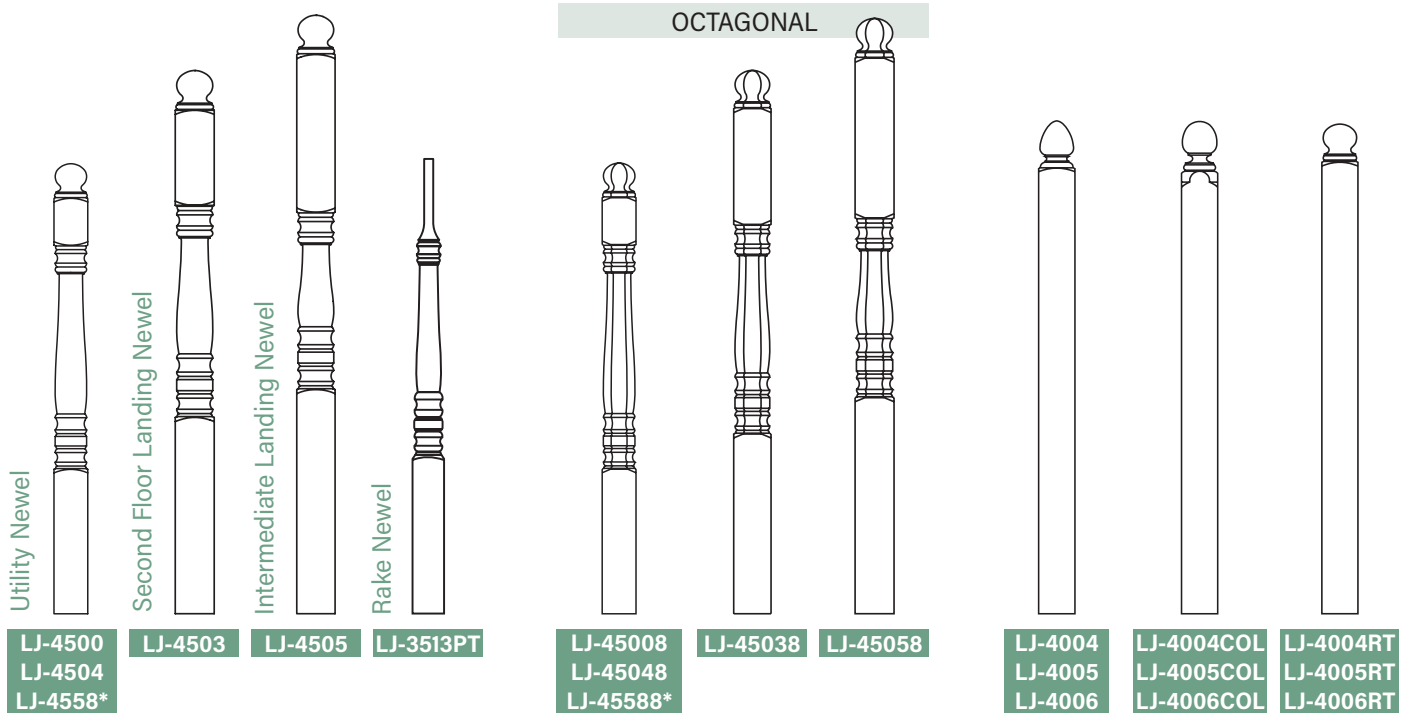
BALUSTER	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
2005(8)-34	7" (178 mm)	20" (508 mm)	7" (178 mm)	1 3/4" (44 mm)	34" (864 mm)
2005(8)-38	7" (178 mm)	20" (508 mm)	11" (279 mm)	1 3/4" (44 mm)	38" (965 mm)
2005(8)-42	7" (178 mm)	20" (508 mm)	15" (381 mm)	1 3/4" (44 mm)	42" (1067 mm)

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH	PLOW WIDTH
LJ-6210P	2 3/8" (60 mm)	2 5/8" (67 mm)	2" (51 mm)	1 3/4" (44 mm)
LJ-6400P	2 1/4" (57 mm)	2 3/4" (70 mm)	3" (76 mm)	1 3/4" (44 mm)
LJ-6519P	3" (76 mm)	2 5/8" (67 mm)	2 5/8" (67 mm)	1 3/4" (44 mm)
LJ-6900P	2 3/4" (70 mm)	2 5/8" (67 mm)	1 15/16" (49 mm)	1 3/4" (44 mm)
LJ-6A10P1	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)	1 3/4" (44 mm)
LJ-6B10P1	2 5/8" (59 mm)	2" (51 mm)	2 3/8" (60 mm)	1 3/4" (44 mm)
684P1	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)	1 3/4" (44 mm)



HARMONY *collection*

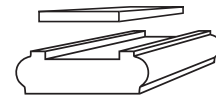
NEWEL POSTS



*Requires a landing fitting assembly (gooseneck pp 86-87)

NEWEL POSTS	FINIAL	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
UTILITY NEWELS						
LJ-4500(8)	3 1/2" (89 mm)	5" (127 mm)	23" (584 mm)	16 1/4" (413 mm)	3 1/2" (89 mm)	48" (1219 mm)
LJ-4504(8)	3 1/2" (89 mm)	5" (127 mm)	23" (584 mm)	26 1/4" (668 mm)	3 1/2" (89 mm)	58" (1473 mm)
LJ-4004	4 1/2" (114 mm)	N/A	N/A	N/A	3 1/2" (89 mm)	48" (1219 mm)
LJ-4004COL	4 13/16" (122 mm)	N/A	N/A	N/A	3 1/2" (89 mm)	48" (1219 mm)
LJ-4004RT	3 1/2" (89 mm)	N/A	N/A	N/A	3 1/2" (89 mm)	48" (1219 mm)
SECOND FLOOR LANDING NEWEL						
LJ-4503(8)	3 1/2" (89 mm)	11" (279 mm)	19 1/2" (495 mm)	23 3/4" (603 mm)	3 1/2" (89 mm)	58" (1473 mm)
LJ-4005	4 1/2" (114 mm)	N/A	N/A	N/A	3 1/2" (89 mm)	58" (1473 mm)
LJ-4005COL	4 13/16" (122 mm)	N/A	N/A	N/A	3 1/2" (89 mm)	58" (1473 mm)
LJ-4005RT	3 1/2" (89 mm)	N/A	N/A	N/A	3 1/2" (89 mm)	58" (1473 mm)
INTERMEDIATE LANDING NEWELS						
LJ-4505(8)	3 1/2" (89 mm)	14 1/2" (368 mm)	16" (406 mm)	38 3/4" (984 mm)	3 1/2" (89 mm)	73" (1854 mm)
LJ-4558(8)	3 1/2" (89 mm)	5" (127 mm)	23" (584 mm)	46 1/4" (1175 mm)	3 1/2" (89 mm)	78" (1981 mm)
LJ-4006	4 1/2" (114 mm)	N/A	N/A	N/A	3 1/2" (89 mm)	73" (1854 mm)
LJ-4006COL	4 13/16" (122 mm)	N/A	N/A	N/A	3 1/2" (89 mm)	73" (1854 mm)
LJ-4006RT	3 1/2" (89 mm)	N/A	N/A	N/A	3 1/2" (89 mm)	73" (1854 mm)
RAKE NEWEL						
LJ-3513PT	N/A	N/A	27 13/16" (706 mm)	20 3/16" (513 mm)	3" (76 mm)	48" (1219 mm)

FILLET & SHOERAIL



LJ-6007

HEIGHT	WIDTH
5/16" (8 mm)	1 3/4" (44 mm)

LJ-6006

HEIGHT	WIDTH	PLOW WIDTH
1" (25 mm)	3 1/8" (79 mm)	1 3/4" (44 mm)

BALUSTER NOTE:

"LJ-" series wood balusters are pre-drilled with a 9/32"(7 mm) diameter hole at least 3"(76 mm) deep in which a pin ("Pin E-Z") is loosely inserted. Every baluster can then be installed in the traditional manner, or by using the Dowel-Fast™ screws as shown on page 97 (sold separately).

"S-" series wood balusters have a turned bottom pin.



PIN TOP BALUSTERS & NON-PLOWED HANDRAILS



LJ-5300

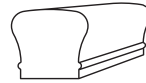


LJ-53008

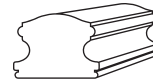
Octagonal



S-5300

Traditional
5 Lengths

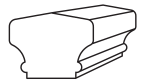
LJ-6210



LJ-6400



LJ-6519



LJ-6701



LJ-6900



LJ-6A10



LJ-6B10



684

BALUSTER	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
LJ-5300(8)-34	27" (686 mm)	7" (178 mm)	1 3/4" (44 mm)	34" (864 mm)
LJ-5300(8)-38	27" (686 mm)	11" (279 mm)	1 3/4" (44 mm)	38" (965 mm)
LJ-5300(8)-42	27" (686 mm)	15" (381 mm)	1 3/4" (44 mm)	42" (1067 mm)
S-5300-31	22 1/2" (572 mm)	7 3/4" (197 mm)	1 3/4" (44 mm)	31" (787 mm)
S-5300-34	25 1/2" (648 mm)	7 3/4" (197 mm)	1 3/4" (44 mm)	34" (864 mm)
S-5300-36	27 1/2" (698 mm)	7 3/4" (197 mm)	1 3/4" (44 mm)	36" (914 mm)
S-5300-39	30 1/2" (775 mm)	7 3/4" (197 mm)	1 3/4" (44 mm)	39" (991 mm)
S-5300-42	33 1/2" (851 mm)	7 3/4" (197 mm)	1 3/4" (44 mm)	42" (1067 mm)

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH
LJ-6210	2 3/8" (60 mm)	2 5/8" (67 mm)	2" (51 mm)
LJ-6400	2 1/4" (57 mm)	2 3/4" (70 mm)	3" (76 mm)
LJ-6519	3" (76 mm)	2 5/8" (67 mm)	2 5/8" (67 mm)
LJ-6701	2 1/8" (54 mm)	2 3/4" (70 mm)	1 5/8" (41 mm)
LJ-6900	2 3/4" (70 mm)	2 5/8" (67 mm)	1 15/16" (49 mm)
LJ-6A10	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)
LJ-6B10	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)
684	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)

SQUARE TOP BALUSTERS & PLOWED HANDRAILS



LJ-5005

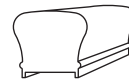


LJ-50058

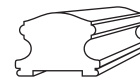
Octagonal



S-5105

Traditional
5 Lengths

LJ-6210P



LJ-6400P



LJ-6519P



LJ-6900P



LJ-6A10P1



LJ-6B10P1



684P1

BALUSTER	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
LJ-5005ND-31*	5 7/8" (149 mm)	16 5/8" (422 mm)	8 1/2" (216 mm)	1 3/4" (44 mm)	31" (787 mm)
LJ-5005(8)-34	7" (178 mm)	20" (508 mm)	7" (178 mm)	1 3/4" (44 mm)	34" (864 mm)
LJ-5005(8)-38	7" (178 mm)	20" (508 mm)	11" (279 mm)	1 3/4" (44 mm)	38" (965 mm)
LJ-5005(8)-42	7" (178 mm)	20" (508 mm)	15" (381 mm)	1 3/4" (44 mm)	42" (1067 mm)
S-5105-31	5 7/8" (149 mm)	16 5/8" (422 mm)	7 3/4" (197 mm)	1 3/4" (44 mm)	31" (787 mm)
S-5105-34	5 7/8" (149 mm)	19 5/8" (498 mm)	7 3/4" (197 mm)	1 3/4" (44 mm)	34" (864 mm)
S-5105-36	5 7/8" (149 mm)	21 5/8" (549 mm)	7 3/4" (197 mm)	1 3/4" (44 mm)	36" (914 mm)
S-5105-39	5 7/8" (149 mm)	24 5/8" (625 mm)	7 3/4" (197 mm)	1 3/4" (44 mm)	39" (991 mm)
S-5105-42	8 1/8" (206 mm)	25 3/8" (645 mm)	7 3/4" (197 mm)	1 3/4" (44 mm)	42" (1067 mm)

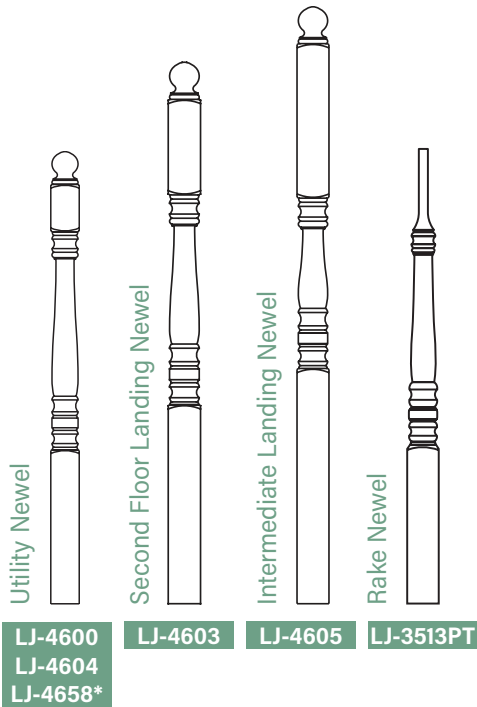
HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH	PLOW WIDTH
LJ-6210P	2 3/8" (60 mm)	2 5/8" (67 mm)	2" (51 mm)	1 3/4" (44 mm)
LJ-6400P	2 1/4" (57 mm)	2 3/4" (70 mm)	3" (76 mm)	1 3/4" (44 mm)
LJ-6519P	3" (76 mm)	2 5/8" (67 mm)	2 5/8" (67 mm)	1 3/4" (44 mm)
LJ-6900P	2 3/4" (70 mm)	2 5/8" (67 mm)	1 15/16" (49 mm)	1 3/4" (44 mm)
LJ-6A10P1	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)	1 3/4" (44 mm)
LJ-6B10P1	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)	1 3/4" (44 mm)
684P1	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)	1 3/4" (44 mm)

*This baluster is for kneewall stairways only. It is NOT predrilled and does NOT include the Pin EZ.



CLASSIC *collection*

NEWEL POSTS



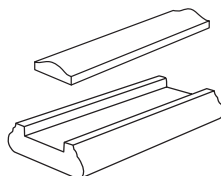
Pictured: LJ-5004 Balusters,
LJ-4600 Series Newel Posts,
LJ-6601P Plowed Handrail



*Requires a landing fitting assembly (gooseneck pp 86-87)

NEWEL POSTS	FINIAL	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
UTILITY NEWELS						
LJ-4600	3 7/16" (87 mm)	5" (127 mm)	23" (584 mm)	16 1/4" (413 mm)	3" (76 mm)	48" (1219 mm)
LJ-4604	3 7/16" (87 mm)	5" (127 mm)	23" (584 mm)	26 1/4" (668 mm)	3" (76 mm)	58" (1473 mm)
SECOND FLOOR LANDING NEWEL						
LJ-4603	3 7/16" (87 mm)	11" (279 mm)	19 1/2" (495 mm)	23 3/4" (603 mm)	3" (76 mm)	58" (1473 mm)
INTERMEDIATE LANDING NEWELS						
LJ-4605	3 7/16" (87 mm)	14 1/2" (368 mm)	16" (406 mm)	38 3/4" (984 mm)	3" (76 mm)	73" (1854 mm)
LJ-4658	3 7/16" (87 mm)	5" (127 mm)	23" (584 mm)	46 1/4" (1175 mm)	3" (76 mm)	78" (1981 mm)
RAKE NEWEL						
LJ-3513PT	N/A	N/A	27 13/16" (706 mm)	20 3/16" (513 mm)	3" (76 mm)	48" (1219 mm)

FILLET & SHOERAIL



LJ-6050

HEIGHT	WIDTH
3/8" (10 mm)	1 1/4" (32 mm)

LJ-6045

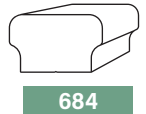
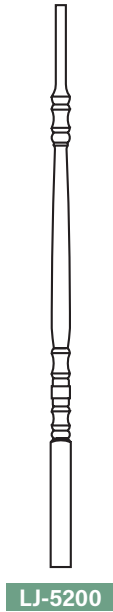
HEIGHT	WIDTH	PLOW WIDTH
3/4" (19 mm)	2 1/2" (64 mm)	1 1/4" (32 mm)

BALUSTER NOTE:

"LJ-" series wood balusters are pre-drilled with a 9/32" (7 mm) diameter hole at least 3" (76 mm) deep in which a pin ("Pin E-Z") is loosely inserted. Every baluster can then be installed in the traditional manner, or by using the Dowel-Fast™ screws as shown on page 97 (sold separately).



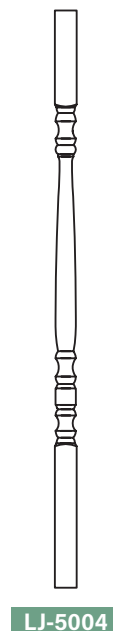
PIN TOP BALUSTER & NON-PLOWED HANDRAILS



BALUSTER	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
LJ-5200-34	27" (686 mm)	7" (178 mm)	1 1/4" (32 mm)	34" (864 mm)
LJ-5200-38	27" (686 mm)	11" (279 mm)	1 1/4" (32 mm)	38" (965 mm)
LJ-5200-42	27" (686 mm)	15" (381 mm)	1 1/4" (32 mm)	42" (1067 mm)

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH
LJ-6002	1 5/8" (41 mm)	2 3/4" (70 mm)	2 3/4" (70 mm)
LJ-6010	2 3/8" (60 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)
LJ-6601	2 1/4" (57 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)
LJ-6A10	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)
LJ-6B10	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)
684	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)

SQUARE TOP BALUSTER & PLOWED HANDRAILS



BALUSTER	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
LJ-5004ND-31*	5 7/8" (149 mm)	16 5/8" (422 mm)	8 1/2" (216 mm)	1 1/4" (32 mm)	31" (787 mm)
LJ-5004-34	7" (178 mm)	20" (508 mm)	7" (178 mm)	1 1/4" (32 mm)	34" (864 mm)
LJ-5004-38	7" (178 mm)	20" (508 mm)	11" (279 mm)	1 1/4" (32 mm)	38" (965 mm)
LJ-5004-42	7" (178 mm)	20" (508 mm)	15" (381 mm)	1 1/4" (32 mm)	42" (1067 mm)

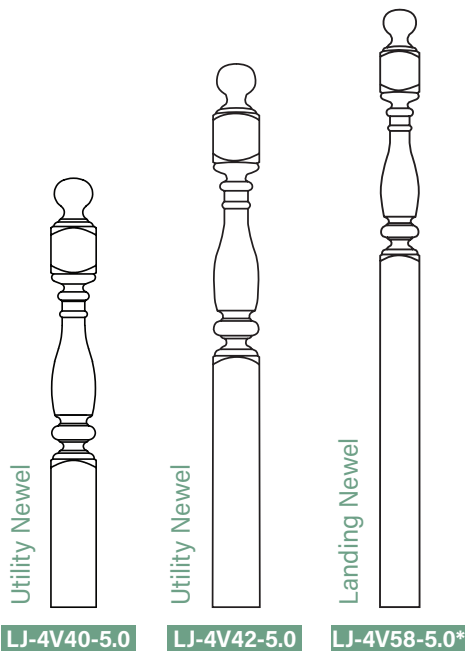
HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH	PLOW WIDTH
LJ-6000	1 5/8" (41 mm)	2 3/4" (70 mm)	2 3/4" (70 mm)	1 1/4" (32 mm)
LJ-6010P	2 3/8" (60 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)	1 1/4" (32 mm)
LJ-6601P	2 1/4" (57 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)	1 1/4" (32 mm)
LJ-6A10P0	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)	1 1/4" (32 mm)
LJ-6B10P0	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)	1 1/4" (32 mm)
684P0	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)	1 1/4" (32 mm)

*This baluster is for kneewall stairways only. It is NOT predrilled and does NOT include the Pin EZ.



COLONY *collection*

NEWEL POSTS



*Requires a landing fitting assembly (gooseneck pp 86-87)



NEWEL POSTS	FINIAL	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
UTILITY NEWELS						
LJ-4V40-5.0	5 3/8" (137 mm)	5 1/4" (133 mm)	20 1/2" (521 mm)	16 3/8" (416 mm)	5" (127 mm)	48" (1219 mm)
LJ-4V42-5.0	5 3/8" (137 mm)	5 1/4" (133 mm)	20 1/2" (521 mm)	26 3/8" (670 mm)	5" (127 mm)	58" (1473 mm)
LANDING NEWEL						
LJ-4V58-5.0	5 3/8" (137 mm)	5 1/4" (133 mm)	20 1/2" (521 mm)	44 3/8" (1127 mm)	5" (127 mm)	78" (1981 mm)

FILLET & SHOERAIL



LJ-6007

HEIGHT	WIDTH
5 1/8" (8 mm)	1 3/4" (44 mm)

LJ-6006

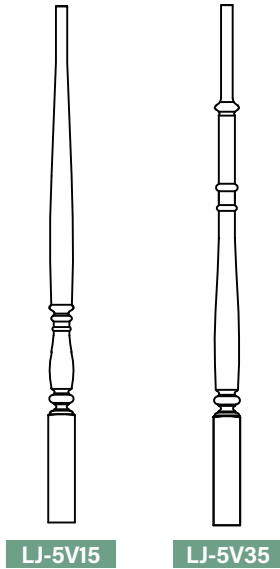
HEIGHT	WIDTH	PLOW WIDTH
1" (25 mm)	3 1/8" (79 mm)	1 3/4" (44 mm)

BALUSTER NOTE:

"LJ-" series wood balusters are pre-drilled with a 9/32" (7 mm) diameter hole at least 3" (76 mm) deep in which a pin ("Pin E-Z") is loosely inserted. Every baluster can then be installed in the traditional manner, or by using the Dowel-Fast™ screws as shown on page 97 (sold separately).

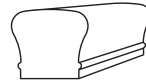


PIN TOP BALUSTERS & NON-PLOWED HANDRAILS

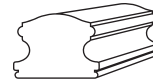


LJ-5V15

LJ-5V35



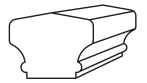
LJ-6210



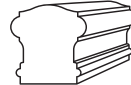
LJ-6400



LJ-6519



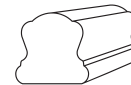
LJ-6701



LJ-6900



LJ-6A10



LJ-6B10

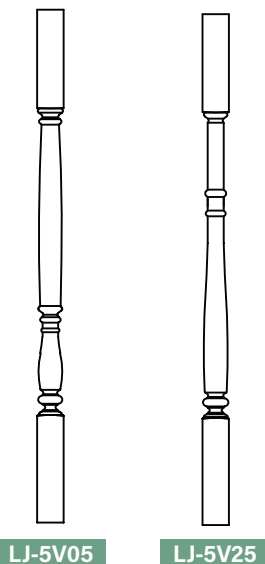


684

BALUSTER	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
LJ-5V15-34	26 7/8" (682 mm)	7 1/8" (181 mm)	1 3/4" (44 mm)	34" (864 mm)
LJ-5V15-38	26 7/8" (682 mm)	11 1/8" (283 mm)	1 3/4" (44 mm)	38" (965 mm)
LJ-5V15-42	26 7/8" (682 mm)	15 1/8" (384 mm)	1 3/4" (44 mm)	42" (1067 mm)
LJ-5V35-34	26 7/8" (682 mm)	7 1/8" (181 mm)	1 3/4" (44 mm)	34" (864 mm)
LJ-5V35-38	26 7/8" (682 mm)	11 1/8" (283 mm)	1 3/4" (44 mm)	38" (965 mm)
LJ-5V35-42	26 7/8" (682 mm)	15 1/8" (384 mm)	1 3/4" (44 mm)	42" (1067 mm)

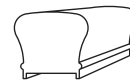
HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH
LJ-6210	2 3/8" (60 mm)	2 5/8" (67 mm)	2" (51 mm)
LJ-6400	2 1/4" (57 mm)	2 3/4" (70 mm)	3" (76 mm)
LJ-6519	3" (76 mm)	2 5/8" (67 mm)	2 5/8" (67 mm)
LJ-6701	2 1/8" (54 mm)	2 3/4" (70 mm)	1 5/8" (41 mm)
LJ-6900	2 3/4" (70 mm)	2 5/8" (67 mm)	1 15/16" (49 mm)
LJ-6A10	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)
LJ-6B10	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)
684	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)

SQUARE TOP BALUSTERS & PLOWED HANDRAILS

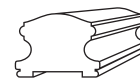


LJ-5V05

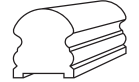
LJ-5V25



LJ-6210P



LJ-6400P



LJ-6519P



LJ-6900P



LJ-6A10P1



LJ-6B10P1



684P1

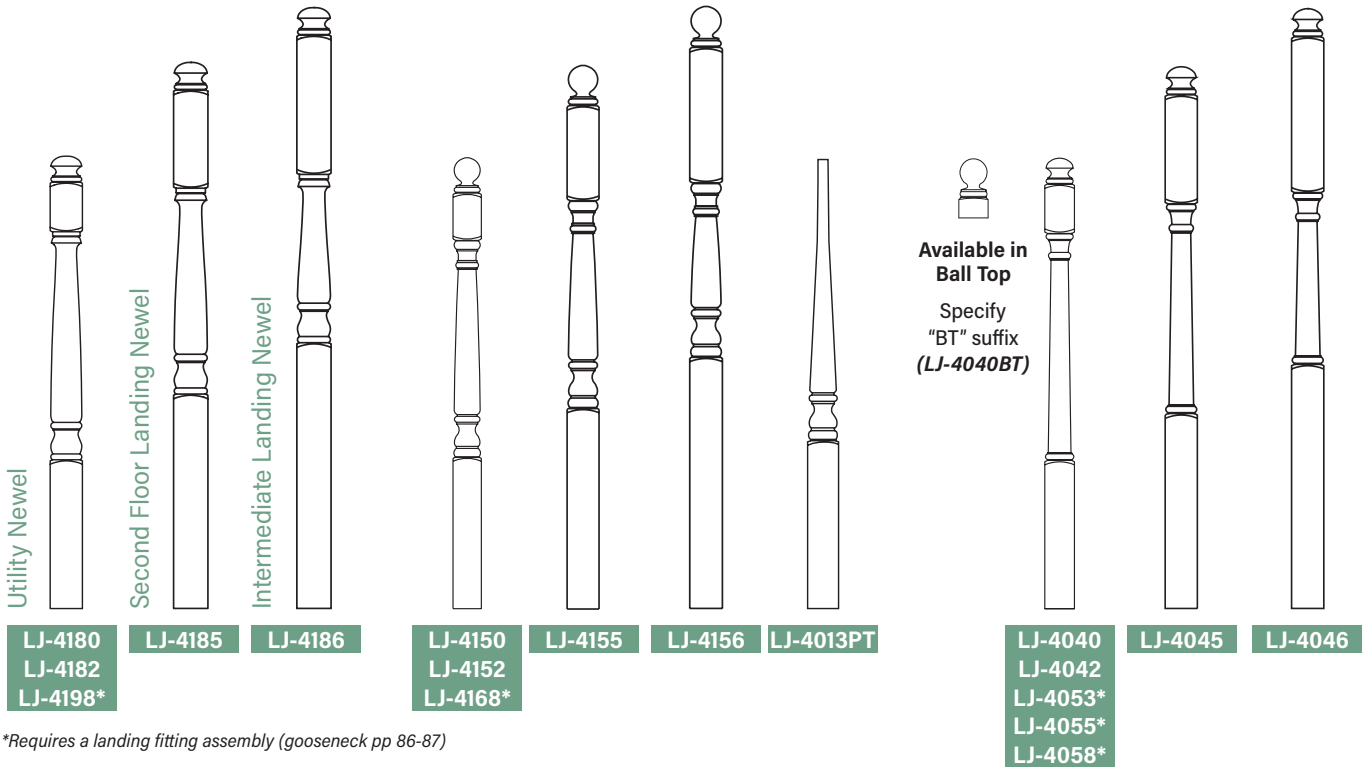
BALUSTER	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
LJ-5V05-34	6 5/16" (166 mm)	20 5/16" (516 mm)	7 1/8" (181 mm)	1 3/4" (44 mm)	34" (864 mm)
LJ-5V05-38	6 5/16" (166 mm)	20 5/16" (516 mm)	11 1/8" (283 mm)	1 3/4" (44 mm)	38" (965 mm)
LJ-5V05-42	6 5/16" (166 mm)	20 5/16" (516 mm)	15 1/8" (384 mm)	1 3/4" (44 mm)	42" (1067 mm)
LJ-5V25-34	6 5/16" (166 mm)	20 5/16" (516 mm)	7 1/8" (181 mm)	1 3/4" (44 mm)	34" (864 mm)
LJ-5V25-38	6 5/16" (166 mm)	20 5/16" (516 mm)	11 1/8" (283 mm)	1 3/4" (44 mm)	38" (965 mm)
LJ-5V25-42	6 5/16" (166 mm)	20 5/16" (516 mm)	15 1/8" (384 mm)	1 3/4" (44 mm)	42" (1067 mm)

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH	PLOW WIDTH
LJ-6210P	2 3/8" (60 mm)	2 5/8" (67 mm)	2" (51 mm)	1 3/4" (44 mm)
LJ-6400P	2 1/4" (57 mm)	2 3/4" (70 mm)	3" (76 mm)	1 3/4" (44 mm)
LJ-6519P	3" (76 mm)	2 5/8" (67 mm)	2 5/8" (67 mm)	1 3/4" (44 mm)
LJ-6900P	2 3/4" (70 mm)	2 5/8" (67 mm)	1 15/16" (49 mm)	1 3/4" (44 mm)
LJ-6A10P1	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)	1 3/4" (44 mm)
LJ-6B10P1	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)	1 3/4" (44 mm)
684P1	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)	1 3/4" (44 mm)



CORNERSTONE *collection*

NEWEL POSTS



*Requires a landing fitting assembly (gooseneck pp 86-87)

NEWEL POSTS	FINIAL	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
UTILITY NEWELS						
LJ-4040	2 5/8" (67 mm)	5" (127 mm)	23" (584 mm)	17" (431 mm)	3" (76 mm)	48" (1219 mm)
LJ-4042	2 5/8" (67 mm)	5" (127 mm)	23" (584 mm)	27" (686 mm)	3" (76 mm)	58" (1473 mm)
LJ-4150	3 3/4" (95 mm)	5" (127 mm)	23" (584 mm)	16" (406 mm)	3" (76 mm)	48" (1219 mm)
LJ-4152	3 3/4" (95 mm)	5" (127 mm)	23" (584 mm)	26" (660 mm)	3" (76 mm)	58" (1473 mm)
LJ-4180	2 5/8" (67 mm)	5" (127 mm)	23" (584 mm)	17" (431 mm)	3 1/4" (83 mm)	48" (1219 mm)
LJ-4182	2 5/8" (67 mm)	5" (127 mm)	23" (584 mm)	27" (686 mm)	3 1/4" (83 mm)	58" (1473 mm)
SECOND FLOOR LANDING NEWEL						
LJ-4045	2 5/8" (67 mm)	11" (279 mm)	19 1/2" (495 mm)	24 1/2" (622 mm)	3" (76 mm)	58" (1473 mm)
LJ-4155	3 3/4" (95 mm)	11" (279 mm)	19 1/2" (495 mm)	23 1/2" (597 mm)	3" (76 mm)	58" (1473 mm)
LJ-4185	2 5/8" (67 mm)	11" (279 mm)	19 1/2" (495 mm)	24 1/2" (622 mm)	3 1/4" (83 mm)	58" (1473 mm)
INTERMEDIATE LANDING NEWELS						
LJ-4046	2 5/8" (67 mm)	14 1/2" (368 mm)	16" (406 mm)	39 1/2" (1003 mm)	3" (76 mm)	73" (1854 mm)
LJ-4053	2 5/8" (67 mm)	5" (127 mm)	23" (584 mm)	31" (787 mm)	3" (76 mm)	62" (1574 mm)
LJ-4055	2 5/8" (67 mm)	5" (127 mm)	23" (584 mm)	42" (1067 mm)	3" (76 mm)	73" (1854 mm)
LJ-4058	2 5/8" (67 mm)	5" (127 mm)	23" (584 mm)	47" (1193 mm)	3" (76 mm)	78" (1981 mm)
LJ-4156	3 3/4" (95 mm)	14 1/2" (368 mm)	16" (406 mm)	38 1/2" (978 mm)	3" (76 mm)	73" (1854 mm)
LJ-4168	3 3/4" (95 mm)	5" (127 mm)	23" (584 mm)	46" (1168 mm)	3" (76 mm)	78" (1981 mm)
LJ-4186	2 5/8" (67 mm)	14 1/2" (368 mm)	16" (406 mm)	39 5/8" (1006 mm)	3 1/4" (83 mm)	73" (1854 mm)
LJ-4198	2 5/8" (67 mm)	5" (127 mm)	23" (584 mm)	47" (1193 mm)	3 1/4" (83 mm)	78" (1981 mm)
RAKE NEWEL						
LJ-4013PT	N/A	N/A	27" (686 mm)	16" (406 mm)	3" (76 mm)	43" (1029 mm)

FILLET & SHOERAIL

LJ-6050

HEIGHT	3/8" (10 mm)
WIDTH	1 1/4" (32 mm)

LJ-6045

HEIGHT	3/4" (19 mm)
WIDTH	2 1/2" (64 mm)
PLOW WIDTH	1 1/4" (32 mm)

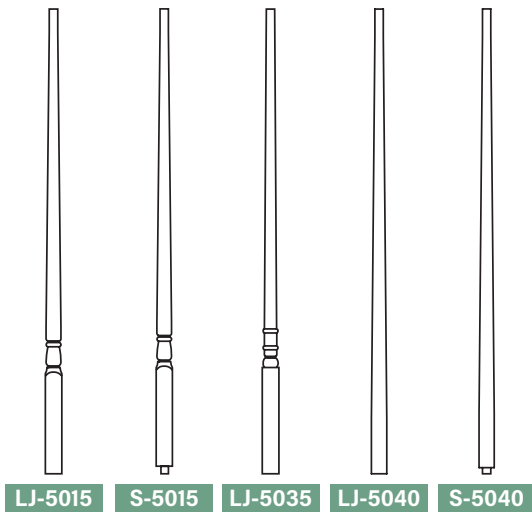
BALUSTER NOTE:

"LJ-" series wood balusters are pre-drilled with a 9/32"(7 mm) diameter hole at least 3"(76 mm) deep in which a pin ("Pin E-Z") is loosely inserted. Every baluster can then be installed in the traditional manner, or by using the Dowel-Fast™ screws as shown on page 97 (sold separately).

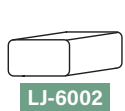
"S-" series wood balusters have a turned bottom pin.



PIN TOP BALUSTERS & NON-PLOWED HANDRAILS



LJ-5015 S-5015 LJ-5035 LJ-5040 S-5040



LJ-6002



LJ-6010



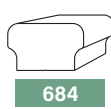
LJ-6601



LJ-6A10



LJ-6B10



684

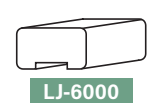
BALUSTER	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
LJ-5015ND-31*	22 5/8" (575 mm)	8 3/8" (213 mm)	1 1/4" (32 mm)	31" (787 mm)
LJ-5015-34	28" (711 mm)	6" (152 mm)	1 1/4" (32 mm)	34" (864 mm)
LJ-5015-38	28" (711 mm)	10" (254 mm)	1 1/4" (32 mm)	38" (965 mm)
LJ-5015-42	28" (711 mm)	14" (356 mm)	1 1/4" (32 mm)	42" (1067 mm)
S-5015-31	22 5/8" (575 mm)	7 5/8" (193 mm)	1 1/4" (32 mm)	31" (787 mm)
S-5015-34	25 5/8" (651 mm)	7 5/8" (193 mm)	1 1/4" (32 mm)	34" (864 mm)
S-5015-36	27 5/8" (702 mm)	7 5/8" (193 mm)	1 1/4" (32 mm)	36" (914 mm)
S-5015-39	30 5/8" (778 mm)	7 5/8" (193 mm)	1 1/4" (32 mm)	39" (990 mm)
S-5015-42	33 5/8" (854 mm)	7 5/8" (193 mm)	1 1/4" (32 mm)	42" (1067 mm)
LJ-5035-34	28" (711 mm)	6" (152 mm)	1 1/4" (32 mm)	34" (864 mm)
LJ-5035-38	28" (711 mm)	10" (254 mm)	1 1/4" (32 mm)	38" (965 mm)
LJ-5035-42	28" (711 mm)	14" (356 mm)	1 1/4" (32 mm)	42" (1067 mm)
LJ-5040-34	34" (864 mm)	N/A	1 1/8" Diam. (29 mm)	34" (864 mm)
LJ-5040-38	38" (965 mm)	N/A	1 1/8" Diam. (29 mm)	38" (965 mm)
LJ-5040-42	42" (1067 mm)	N/A	1 1/8" Diam. (29 mm)	42" (1067 mm)
S-5040-31	30 1/4" (768 mm)	N/A	1 1/8" Diam. (29 mm)	31" (787 mm)
S-5040-34	33 1/4" (845 mm)	N/A	1 1/8" Diam. (29 mm)	34" (864 mm)
S-5040-36	35 1/4" (895 mm)	N/A	1 1/8" Diam. (29 mm)	36" (914 mm)
S-5040-39	38 1/4" (972 mm)	N/A	1 1/8" Diam. (29 mm)	39" (990 mm)
S-5040-42	41 1/4" (1048 mm)	N/A	1 1/8" Diam. (29 mm)	42" (1067 mm)

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH
LJ-6002	1 5/8" (41 mm)	2 3/4" (70 mm)	2 3/4" (70 mm)
LJ-6010	2 3/8" (60 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)
LJ-6601	2 1/4" (57 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)
LJ-6A10	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)
LJ-6B10	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)
684	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)

SQUARE TOP BALUSTERS & PLOWED HANDRAILS



LJ-5067 S-5067 LJ-5141 S-5141



LJ-6000



LJ-6010P



LJ-6601P



LJ-6A10P0



LJ-6B10P0



684P0

BALUSTER	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
LJ-5067-34	7" (178 mm)	20" (508 mm)	7" (178 mm)	1 1/4" (32 mm)	34" (864 mm)
LJ-5067-38	7" (178 mm)	20" (508 mm)	11" (279 mm)	1 1/4" (32 mm)	38" (965 mm)
LJ-5067-42	7" (178 mm)	20" (508 mm)	15" (381 mm)	1 1/4" (32 mm)	42" (1067 mm)
S-5067-31	5 1/4" (133 mm)	19 1/8" (486 mm)	5 7/8" (149 mm)	1 1/4" (32 mm)	31" (787 mm)
S-5067-34	5 7/8" (149 mm)	21 1/2" (546 mm)	5 7/8" (149 mm)	1 1/4" (32 mm)	34" (864 mm)
S-5067-36	5 3/8" (136 mm)	24" (610 mm)	5 7/8" (149 mm)	1 1/4" (32 mm)	36" (914 mm)
S-5067-39	5 1/4" (133 mm)	27 1/8" (689 mm)	5 7/8" (149 mm)	1 1/4" (32 mm)	39" (990 mm)
S-5067-42	7 5/8" (194 mm)	27 3/4" (705 mm)	5 7/8" (149 mm)	1 1/4" (32 mm)	42" (1067 mm)
LJ-5141ND-31*	5 1/4" (133 mm)	16 3/4" (425 mm)	9" (229 mm)	1 1/4" (32 mm)	31" (787 mm)
LJ-5141-34	7" (178 mm)	20" (508 mm)	7" (178 mm)	1 1/4" (32 mm)	34" (864 mm)
LJ-5141-38	7" (178 mm)	20" (508 mm)	11" (279 mm)	1 1/4" (32 mm)	38" (965 mm)
LJ-5141-42	7" (178 mm)	20" (508 mm)	15" (381 mm)	1 1/4" (32 mm)	42" (1067 mm)
S-5141-31	5 1/4" (133 mm)	16 3/4" (425 mm)	8 1/4" (210 mm)	1 1/4" (32 mm)	31" (787 mm)
S-5141-34	6 1/4" (159 mm)	18 3/4" (476 mm)	8 1/4" (210 mm)	1 1/4" (32 mm)	34" (864 mm)
S-5141-36	6 1/4" (159 mm)	20 3/4" (527 mm)	8 1/4" (210 mm)	1 1/4" (32 mm)	36" (914 mm)
S-5141-39	6 1/4" (159 mm)	23 3/4" (603 mm)	8 1/4" (210 mm)	1 1/4" (32 mm)	39" (990 mm)
S-5141-42	6 1/4" (159 mm)	26 3/4" (679 mm)	8 1/4" (210 mm)	1 1/4" (32 mm)	42" (1067 mm)

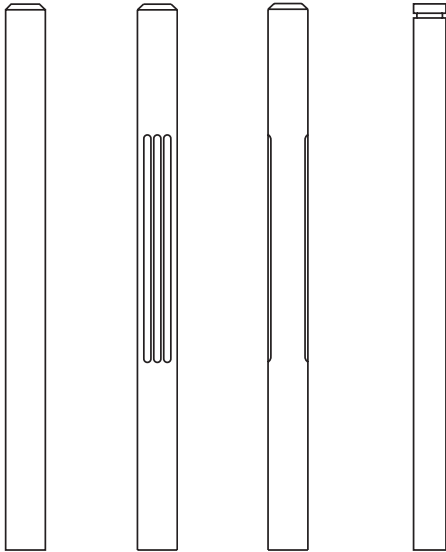
HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH	PLOW WIDTH
LJ-6000	1 5/8" (41 mm)	2 3/4" (70 mm)	2 3/4" (70 mm)	1 1/4" (32 mm)
LJ-6010P	2 3/8" (60 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)	1 1/4" (32 mm)
LJ-6601P	2 1/4" (57 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)	1 1/4" (32 mm)
LJ-6A10P0	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)	1 1/4" (32 mm)
LJ-6B10P0	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)	1 1/4" (32 mm)
684P0	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)	1 1/4" (32 mm)

*This baluster is for kneewall stairways only. It is NOT predrilled and does NOT include the Pin EZ.



CLEAN *collection*

NEWEL POSTS



LJ-4000
LJ-4001

LJF-4000
LJF-4001

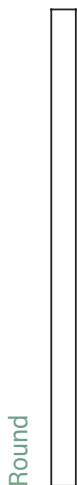
LJC-4000
LJC-4001

LJ-4101G

Fluted Chamfered

NEWEL POSTS	TOP BLOCK	DETAIL LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
UTILITY NEWELS					
LJ-4000	N/A	N/A	N/A	3 1/2" (89 mm)	48" (1219 mm)
LJF-4000	11 1/2" (292 mm)	20" (508 mm)	16 1/2" (419 mm)	3 1/2" (89 mm)	48" (1219 mm)
LJC-4000	11 1/2" (292 mm)	20" (508 mm)	16 1/2" (419 mm)	3 1/2" (89 mm)	48" (1219 mm)
LJ-4101G	N/A	N/A	N/A	3 1/2" (89 mm)	58" (1473 mm)
INTERMEDIATE LANDING NEWEL					
LJ-4001	N/A	N/A	N/A	3 1/2" (89 mm)	58" (1473 mm)
LJF-4001	15" (381 mm)	16" (406 mm)	27" (686 mm)	3 1/2" (89 mm)	58" (1473 mm)
LJC-4001	15" (381 mm)	16" (406 mm)	27" (686 mm)	3 1/2" (89 mm)	58" (1473 mm)

ROUND BALUSTERS & NON-PLOWED HANDRAILS

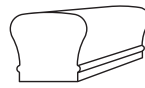


Round

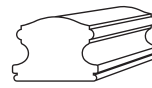
LJ-5370

1 3/4" (44 mm) Round x 34" (864 mm),
38" (965 mm), or 42" (1067 mm)

These balusters are
not pre-drilled, nor
do they come with a
"Pin E-Z".



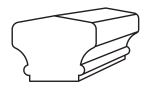
LJ-6210



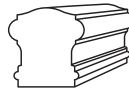
LJ-6400



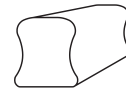
LJ-6519



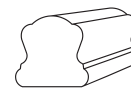
LJ-6701



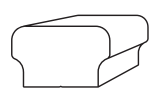
LJ-6900



LJ-6A10



LJ-6B10

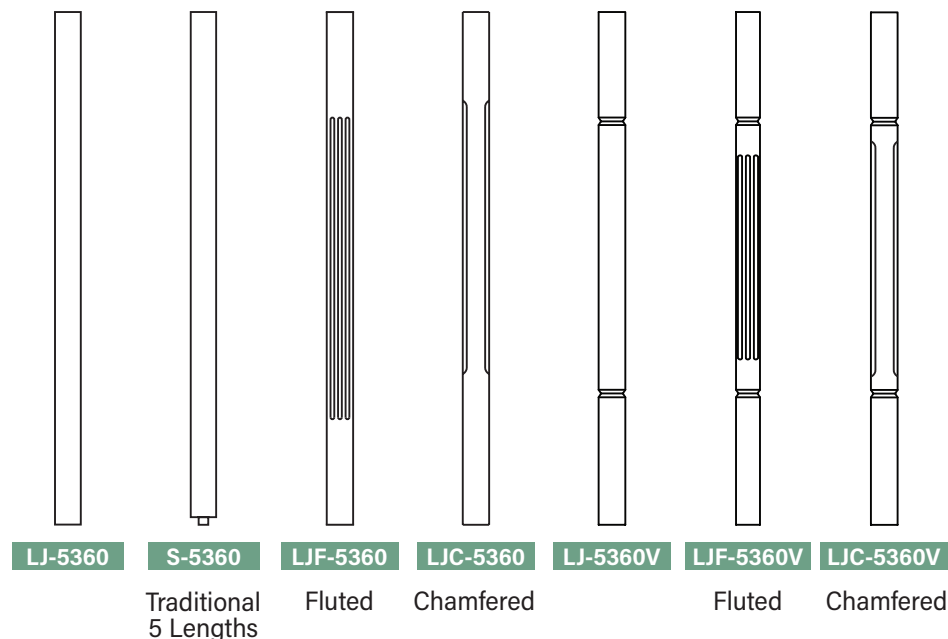


684

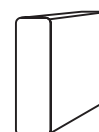
HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH
LJ-6210	2 3/8" (60 mm)	2 5/8" (67 mm)	2" (51 mm)
LJ-6400	2 1/4" (57 mm)	2 3/4" (70 mm)	3" (76 mm)
LJ-6519	3" (76 mm)	2 5/8" (67 mm)	2 5/8" (67 mm)
LJ-6701	2 1/8" (54 mm)	2 3/4" (70 mm)	1 5/8" (41 mm)
LJ-6900	2 3/4" (70 mm)	2 5/8" (67 mm)	1 15/16" (49 mm)
LJ-6A10	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)
LJ-6B10	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)
684	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)



SQUARE TOP BALUSTERS & HANDRAILS



LJ-6001



LJ-6003*



LJ-6203*

BALUSTER	TOP BLOCK	DETAIL LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
LJ-5360	1 3/4" (44 mm) Square x 34" (864 mm), 38" (965 mm), or 42" (1067 mm)				
S-5360	1 3/4" (44 mm) Square x 31" (787 mm), 34" (864 mm), 36" (914 mm), 38" (991 mm), or 42" (1067 mm)				
LJF-5360-34	7" (178 mm)	20" (508 mm)	7" (178 mm)	1 3/4" (44 mm)	34" (864 mm)
LJF-5360-38	7" (178 mm)	20" (508 mm)	11" (279 mm)	1 3/4" (44 mm)	38" (965 mm)
LJF-5360-42	7" (178 mm)	20" (508 mm)	15" (381 mm)	1 3/4" (44 mm)	42" (1067 mm)
LJC-5360-34	5 7/8" (149 mm)	18 1/8" (460 mm)	10" (254 mm)	1 3/4" (44 mm)	34" (864 mm)
LJC-5360-38	5 7/8" (149 mm)	18 1/8" (460 mm)	14" (356 mm)	1 3/4" (44 mm)	38" (965 mm)
LJC-5360-42	5 7/8" (149 mm)	18 1/8" (460 mm)	18" (457 mm)	1 3/4" (44 mm)	42" (1067 mm)
All 5360V-34	7 1/4" (184 mm)	19 1/2" (495 mm)	7 1/4" (184 mm)	1 3/4" (44 mm)	34" (864 mm)
All 5360V-38	7 1/4" (184 mm)	19 1/2" (495 mm)	11 1/4" (286 mm)	1 3/4" (44 mm)	38" (965 mm)
All 5360V-42	7 1/4" (184 mm)	19 1/2" (495 mm)	15 1/4" (387 mm)	1 3/4" (44 mm)	42" (1067 mm)

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH	PLOW WIDTH
LJ-6001	1 5/8" (41 mm)	2 3/4" (70 mm)	2 3/4" (70 mm)	1 3/4" (44 mm)
LJ-6003*	5 1/2" (140 mm)	1 5/8" (41 mm)	1 5/8" (41 mm)	N/A
LJ-6203*	5 1/2" (140 mm)	1 5/8" (41 mm)	1 5/8" (41 mm)	N/A

BALUSTER NOTE:

"LJ-" series wood balusters on this page are not pre-drilled, nor do they come with a "Pin E-Z".

"S-" series wood balusters have a turned bottom pin.

*This rail profile is used when the balusters will be side mounted to the handrail.

FILLET & SHOERAIL



LJ-6007	HEIGHT	WIDTH
	5/16" (8 mm)	1 3/4" (44 mm)

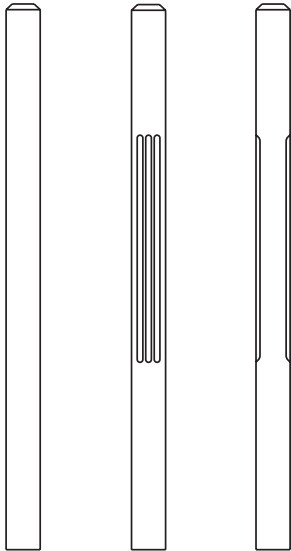


LJ-6001S	HEIGHT	WIDTH	PLOW WIDTH
	3/4" (19 mm)	2 1/2" (64 mm)	1 3/4" (44 mm)



CRISP*collection*

NEWEL POSTS



LJ-4110
LJ-4111

LJF-4110
LJF-4111

LJC-4110
LJC-4111

Fluted

Chamfered

NEWEL POSTS	TOP BLOCK	DETAIL LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
UTILITY NEWELS					
LJ-4110	N/A	N/A	N/A	3" (76 mm)	48" (1219 mm)
LJF-4110	11 ½" (292 mm)	20" (508 mm)	16 ½" (419 mm)	3" (76 mm)	48" (1219 mm)
LJC-4110	11 ½" (292 mm)	20" (508 mm)	16 ½" (419 mm)	3" (76 mm)	48" (1219 mm)
INTERMEDIATE LANDING NEWELS					
LJ-4111	N/A	N/A	N/A	3" (76 mm)	58" (1473 mm)
LJF-4111	15" (381 mm)	16" (406 mm)	27" (686 mm)	3" (76 mm)	58" (1473 mm)
LJC-4111	15" (381 mm)	16" (406 mm)	27" (686 mm)	3" (76 mm)	58" (1473 mm)

ROUND BALUSTERS & NON-PLOWED HANDRAILS

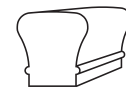


Round

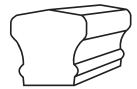
LJ-5070

1 ¼" (32 mm) Round x 34" (864 mm),
38" (965 mm), or 42" (1067 mm)

*These balusters are
not pre-drilled, nor
do they come with a
"Pin E-Z".*



LJ-6010



LJ-6601



LJ-6A10



LJ-6B10

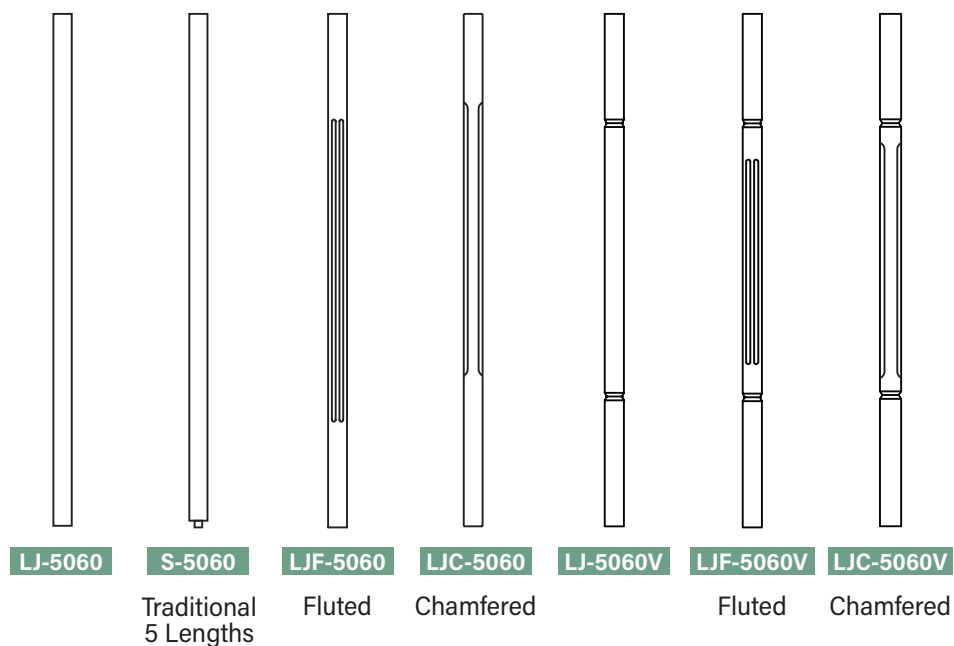
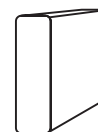


684

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH
LJ-6010	2 ¾" (60 mm)	2 ¼" (57 mm)	1 ½" (38 mm)
LJ-6601	2 ¼" (57 mm)	2 ¼" (57 mm)	1 ½" (38 mm)
LJ-6A10	2 ¾" (60 mm)	2" (51 mm)	2 ⅛" (54 mm)
LJ-6B10	2 ⅝" (59 mm)	2" (51 mm)	2 ⅜" (60 mm)
684	1 ⅝" (41 mm)	2 ⅝" (67 mm)	2" (51 mm)



SQUARE TOP BALUSTERS & HANDRAILS

**LJ-6000****LJ-6003*****LJ-6203***

BALUSTER	TOP BLOCK	DETAIL LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
LJ-5060	1 ¼" (32 mm) Square x 34" (864 mm), 38" (965 mm), or 42" (1067 mm)				
S-5060	1 ¼" (32 mm) Square x 31" (787 mm), 34" (864 mm), 36" (914 mm), 38" (965 mm), or 42" (1067 mm)				
LJF-5060-34	7" (178 mm)	20" (508 mm)	7" (178 mm)	1 ¼" (32 mm)	34" (864 mm)
LJF-5060-38	7" (178 mm)	20" (508 mm)	11" (279 mm)	1 ¼" (32 mm)	38" (965 mm)
LJF-5060-42	7" (178 mm)	20" (508 mm)	15" (381 mm)	1 ¼" (32 mm)	42" (1067 mm)
LJC-5060-34	5 ⅞" (149 mm)	18 ⅞" (460 mm)	10" (254 mm)	1 ¼" (32 mm)	34" (864 mm)
LJC-5060-38	5 ⅞" (149 mm)	18 ⅞" (460 mm)	14" (356 mm)	1 ¼" (32 mm)	38" (965 mm)
LJC-5060-42	5 ⅞" (149 mm)	18 ⅞" (460 mm)	18" (457 mm)	1 ¼" (32 mm)	42" (1067 mm)
All 5060V-34	7 ¼" (184 mm)	19 ½" (495 mm)	7 ¼" (184 mm)	1 ¼" (32 mm)	34" (864 mm)
All 5060V-38	7 ¼" (184 mm)	19 ½" (495 mm)	11 ¼" (286 mm)	1 ¼" (32 mm)	38" (965 mm)
All 5060V-42	7 ¼" (184 mm)	19 ½" (495 mm)	15 ¼" (387 mm)	1 ¼" (32 mm)	42" (1067 mm)

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH	PLOW WIDTH
LJ-6000	1 ⅝" (41 mm)	2 ¾" (70 mm)	2 ¾" (70 mm)	1 ¼" (32 mm)
LJ-6003*	5 ½" (140 mm)	1 ⅝" (41 mm)	1 ⅝" (41 mm)	N/A
LJ-6203*	5 ½" (140 mm)	1 ⅝" (41 mm)	1 ⅝" (41 mm)	N/A

BALUSTER NOTE:

"LJ-" series wood balusters on this page are not pre-drilled, nor do they come with a "Pin E-Z".

"S-" series wood balusters have a turned bottom pin.

*This rail profile is used when the balusters will be side mounted to the handrail.

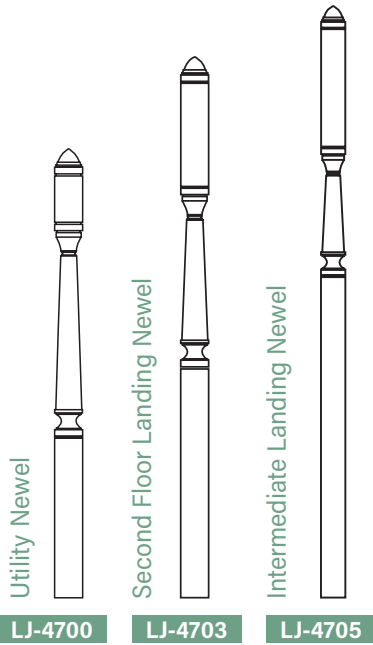
FILLET & SHOERAIL

	LJ-6000F	HEIGHT	WIDTH	
		5/16" (8 mm)	1 ¼" (32 mm)	
	LJ-6000S	HEIGHT	WIDTH	PLOW WIDTH
		¾" (19 mm)	2 ½" (64 mm)	1 ¼" (32 mm)



CARVED *collection*

NEWEL POSTS



NEWEL POSTS	FINIAL	TOP BLOCK	CARVED LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
UTILITY NEWELS						
LJ-4700	3" (76 mm)	5" (127 mm)	23" (584 mm)	17" (432 mm)	3" (76 mm)	48" (1219 mm)
SECOND FLOOR LANDING NEWEL						
LJ-4703	3" (76 mm)	11" (279 mm)	20 ½" (521 mm)	23 ½" (597 mm)	3" (76 mm)	58" (1473 mm)
INTERMEDIATE LANDING NEWEL						
LJ-4705	3" (76 mm)	14 ½" (368 mm)	16" (406 mm)	39 ½" (1003 mm)	3" (76 mm)	73" (1854 mm)

FILLET & SHOERAIL

The image contains two line drawings of mechanical profiles. The top drawing is a simple rectangular fillet. The bottom drawing is a more complex shoerail profile with a flange on one side and a rounded bottom.

LJ-6007

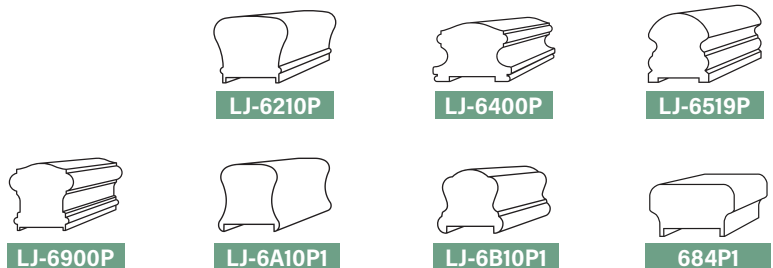
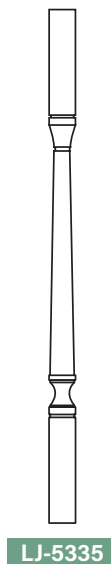
HEIGHT	WIDTH
5/16" (8 mm)	1 3/4" (44 mm)

LJ-6006

HEIGHT	WIDTH	PLOW WIDTH
1" (25 mm)	3 1/8" (79 mm)	1 3/4" (44 mm)

"LJ-" series wood balusters are pre-drilled with a 9/32" (7 mm) diameter hole at least 3" (76 mm) deep in which a pin ("Pin E-Z") is loosely inserted. Every baluster can then be installed in the traditional manner, or by using the Dowel-Fast™ screws as shown on page 97 (sold separately).

SQUARE TOP BALUSTER & PLOWED HANDRAILS



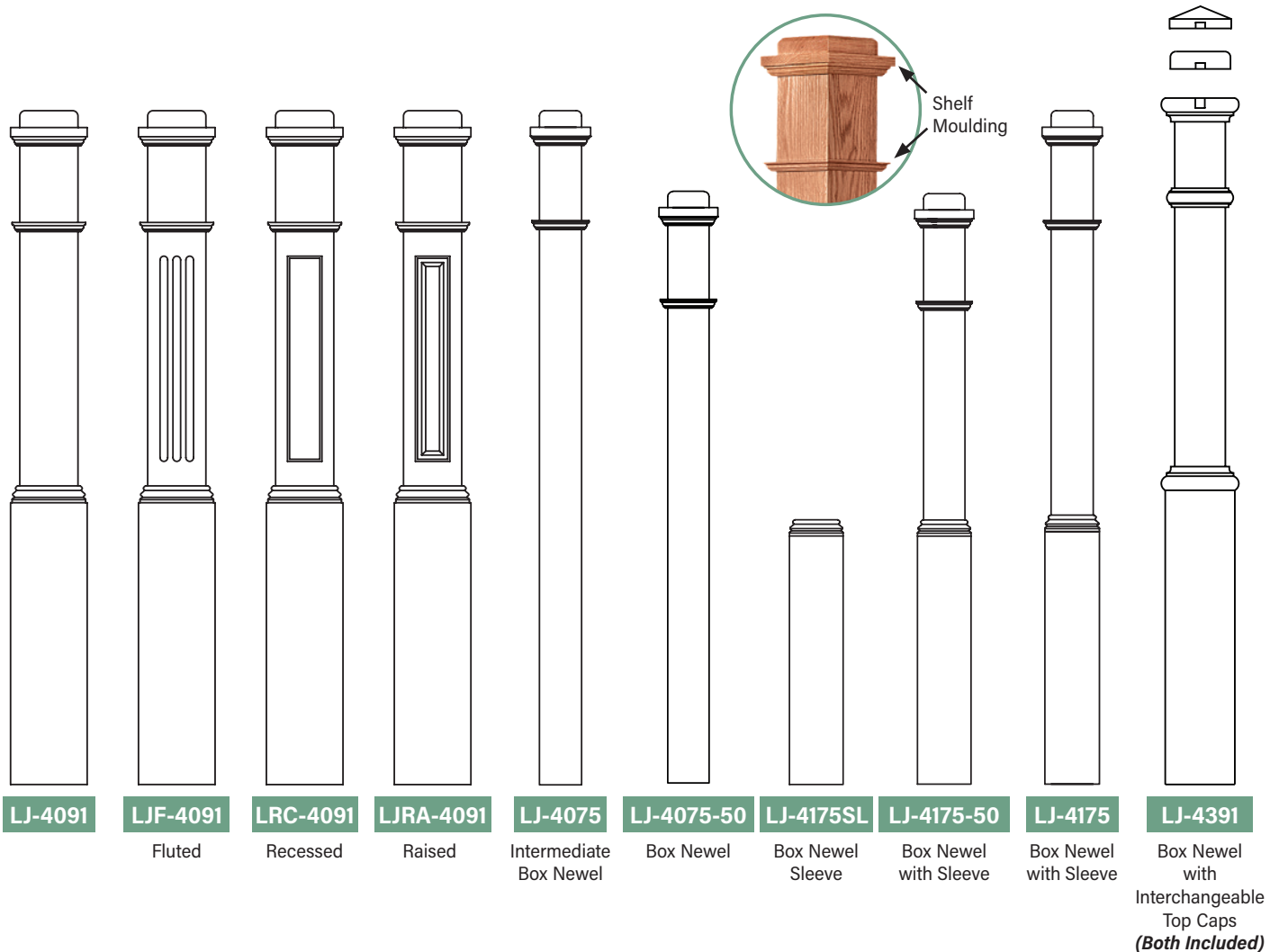
BALUSTER	TOP BLOCK	CARVED LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
LJ-5335-34	7" (178 mm)	20" (508 mm)	7" (178 mm)	1 ¾" (44 mm)	34" (864 mm)
LJ-5335-38	7" (178 mm)	20" (508 mm)	11" (279 mm)	1 ¾" (44 mm)	38" (965 mm)
LJ-5335-42	7" (178 mm)	20" (508 mm)	15" (381 mm)	1 ¾" (44 mm)	42" (1067 mm)

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH	PLOW WIDTH
LJ-6210P	2 ⅜" (60 mm)	2 ⅝" (67 mm)	2" (51 mm)	1 ¾" (44 mm)
LJ-6400P	2 ¼" (57 mm)	2 ¾" (70 mm)	3" (76 mm)	1 ¾" (44 mm)
LJ-6519P	3" (76 mm)	2 ⅝" (67 mm)	2 ⅝" (67 mm)	1 ¾" (44 mm)
LJ-6900P	2 ¾" (70 mm)	2 ⅝" (67 mm)	1 ⅞" (49 mm)	1 ¾" (44 mm)
LJ-6A10P1	2 ⅜" (60 mm)	2" (51 mm)	2 ⅞" (54 mm)	1 ¾" (44 mm)
LJ-6B10P1	2 ⅞" (59 mm)	2" (51 mm)	2 ⅜" (60 mm)	1 ¾" (44 mm)
684P1	1 ⅝" (41 mm)	2 ⅝" (67 mm)	2" (51 mm)	1 ¾" (44 mm)

HEIRLOOM *collection*

BOX NEWELS

TRADITIONAL STYLE allows for various installation methods. We recommend these newels be used with any of our iron or 1 3/4" (44 mm) balusters and corresponding handrails. They can, however, be used with 1 1/4" (32 mm) balusters and corresponding handrails. See page 46 for top plate and finial accessories. *Mounting blocks included.*

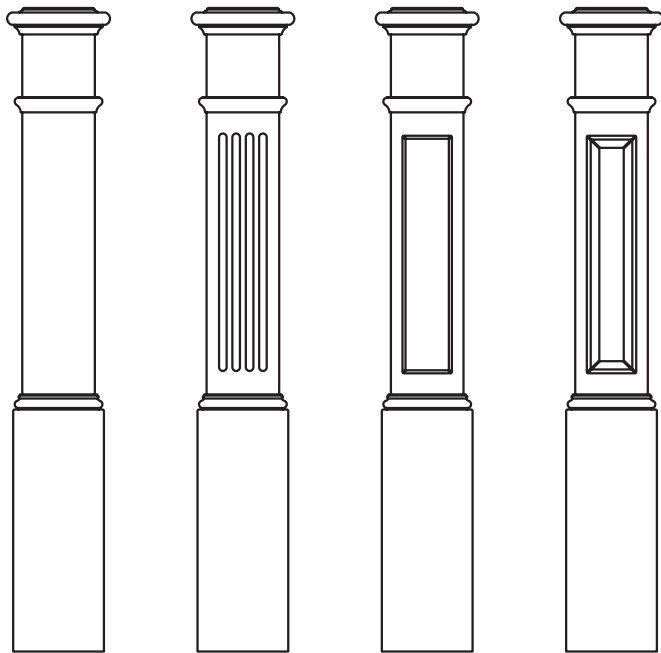


ITEM	TOP PLATE HEIGHT	TOP MOULDING HEIGHT	MIDDLE MOULDING HEIGHT	BOTTOM MOULDING HEIGHT	TOP BLOCK LENGTH	CENTER LENGTH	BOTTOM BLOCK LENGTH	SQUARE SIZE	OVERALL LENGTH
All 4091's	1 3/8" (35 mm)	1 1/2" (38 mm)	3/4" (19 mm)	1 3/8" (35 mm)	6 1/4" (159 mm)	20 3/4" (527 mm)	23" (584 mm)	6 1/4" (159 mm)	55" (1397 mm)
LJ-4075	1 3/8" (35 mm)	1 1/2" (38 mm)	3/4" (19 mm)	NA	6 1/4" (159 mm)	NA	46 7/8" (1191 mm)	3 1/2" (89 mm)	56" (1422 mm)
LJ-4075-50	1 3/8" (35 mm)	1 1/2" (38 mm)	3/4" (19 mm)	NA	6 1/4" (159 mm)	NA	40 1/8" (1019 mm)	3 1/2" (89 mm)	50" (1270 mm)
LJ-4175	1 3/8" (35 mm)	1 1/2" (38 mm)	3/4" (19 mm)	NA	6 1/4" (159 mm)	23 3/4" (603 mm)	22 1/8" (562 mm)	4 1/2" (114 mm)	56" (1422 mm)
LJ-4175-50	1 3/8" (35 mm)	1 1/2" (38 mm)	3/4" (19 mm)	NA	6 1/4" (159 mm)	17 5/8" (448 mm)	22 1/8" (562 mm)	4 1/2" (114 mm)	50" (1270 mm)
LJ-4391	1 3/8" (35 mm) & 1 3/4" (44 mm)	1 7/8" (48 mm)	1 1/2" (38 mm)	1 7/8" (48 mm)	5 1/4" (133 mm)	22 3/8" (568 mm)	23 1/4" (591 mm)	5 1/2" (140 mm)	54 1/4" (1378 mm)



STANDARD STYLE features a solid blocking within the top section while the remainder of the newel is hollow, and can be installed with various methods. We recommend these newels be used with any of our iron or 1 3/4" (44 mm) balusters and corresponding handrails. They can, however, be used with 1 1/4" (32 mm) balusters and corresponding handrails. See page 46 for top plate and finial accessories. *Mounting blocks included.*

BOX NEWELS



LJ-4092

LJ-4093

LJ-4094

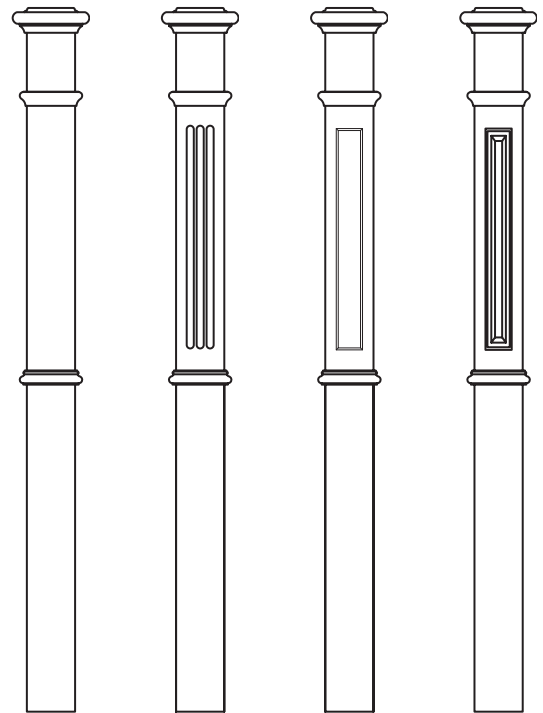
LJ-4095

Fluted

Recessed

Raised

INTERMEDIATE BOX NEWELS



LJ-4392*

LJ-4393*

LJ-4394*

LJ-4395*

Fluted

Recessed

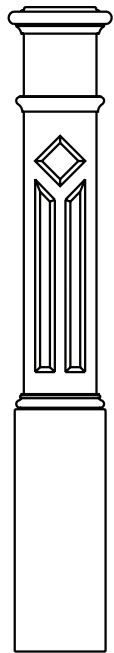
Raised

*Requires a landing fitting assembly (gooseneck pp 86-87)

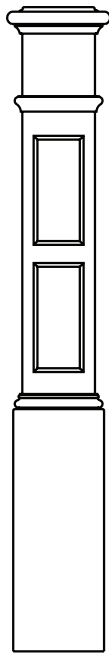
ITEM	TOP MOULDING HEIGHT (INCLUDES FLAT TOP PLATE)	MIDDLE MOULDING HEIGHT	BOTTOM MOULDING HEIGHT	TOP BLOCK LENGTH	CENTER LENGTH	BOTTOM BLOCK LENGTH	SQUARE SIZE	OVERALL LENGTH
LJ-4092	2 3/16" (56 mm)	1 1/4" (32 mm)	1 1/4" (32 mm)	5 3/16" (132 mm)	23 5/16" (592 mm)	20" (508 mm)	7 1/2" (191 mm)	53 3/16" (1351 mm)
LJ-4093	2 3/16" (56 mm)	1 1/4" (32 mm)	1 1/4" (32 mm)	5 3/16" (132 mm)	23 5/16" (592 mm)	20" (508 mm)	7 1/2" (191 mm)	53 3/16" (1351 mm)
LJ-4094	2 3/16" (56 mm)	1 1/4" (32 mm)	1 1/4" (32 mm)	5 3/16" (132 mm)	23 5/16" (592 mm)	20" (508 mm)	7 1/2" (191 mm)	53 3/16" (1351 mm)
LJ-4095	2 3/16" (56 mm)	1 1/4" (32 mm)	1 1/4" (32 mm)	5 3/16" (132 mm)	23 5/16" (592 mm)	20" (508 mm)	7 1/2" (191 mm)	53 3/16" (1351 mm)
LJ-4392	2 3/16" (56 mm)	1 1/4" (32 mm)	1 1/4" (32 mm)	5 3/16" (132 mm)	23 5/16" (592 mm)	28 13/16" (732 mm)	4 1/4" (108 mm)	62" (1575 mm)
LJ-4393	2 3/16" (56 mm)	1 1/4" (32 mm)	1 1/4" (32 mm)	5 3/16" (132 mm)	23 5/16" (592 mm)	28 13/16" (732 mm)	4 1/4" (108 mm)	62" (1575 mm)
LJ-4394	2 3/16" (56 mm)	1 1/4" (32 mm)	1 1/4" (32 mm)	5 3/16" (132 mm)	23 5/16" (592 mm)	28 13/16" (732 mm)	4 1/4" (108 mm)	62" (1575 mm)
LJ-4395	2 3/16" (56 mm)	1 1/4" (32 mm)	1 1/4" (32 mm)	5 3/16" (132 mm)	23 5/16" (592 mm)	28 13/16" (732 mm)	4 1/4" (108 mm)	62" (1575 mm)



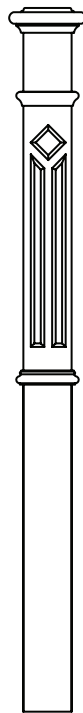
DECORATIVE STYLE features beautiful inlays for a more dramatic appearance. Each of our box newels and intermediate box newels can be ordered with either of the two inlay patterns installed, as shown below. These newels are identical in dimension, and are assembled in the same manner, as is our LJ-4092, LJ-4093, LJ-4094 and LJ-4095 series of box newels shown on the previous page. Our inlaid box newels can be used with any of our wood or iron balusters and nearly all of our handrail profiles. See page 46 for top plate and finial accessories.

BOX NEWELS**INTERMEDIATE BOX NEWELS****LJ-4096**

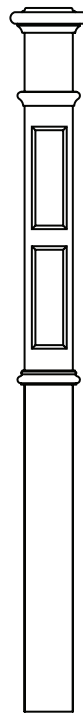
Diamond & Trapezoid Inlay

**LJ-4097**

Rectangle Inlay

**LJ-4396***

Diamond & Trapezoid Inlay

**LJ-4397***

Rectangle Inlay



**Requires a landing fitting assembly (gooseneck pp 86-87)*

Inlaid Box Newels are available in cherry (C), oak (O), and maple (M). The Inlays are available in the following wood species: cherry (C), walnut (W), oak (O), and maple (M). See page 10 for our wood species. When ordering Inlaid Box Newels, specify the Box Newel Item Number from the chart below and add a suffix of the Newel Specie code, followed by the Inlay Specie code. For example, LJ-4096-MW is a Maple Box Newel with Walnut Diamond & Trapezoid Inlay.

ITEM	TOP MOULDING HEIGHT (INCLUDES FLAT TOP PLATE)	MIDDLE MOULDING HEIGHT	BOTTOM MOULDING HEIGHT	TOP BLOCK LENGTH	CENTER LENGTH	BOTTOM BLOCK LENGTH	SQUARE SIZE	OVERALL LENGTH
LJ-4096	2 3/16" (56 mm)	1 1/4" (32 mm)	1 1/4" (32 mm)	5 3/16" (132 mm)	23 5/16" (592 mm)	20" (508 mm)	7 1/2" (191 mm)	53 3/16" (1351 mm)
LJ-4097	2 3/16" (56 mm)	1 1/4" (32 mm)	1 1/4" (32 mm)	5 3/16" (132 mm)	23 5/16" (592 mm)	20" (508 mm)	7 1/2" (191 mm)	53 3/16" (1351 mm)
LJ-4396	2 3/16" (56 mm)	1 1/4" (32 mm)	1 1/4" (32 mm)	5 3/16" (132 mm)	23 5/16" (592 mm)	28 13/16" (732 mm)	4 1/4" (108 mm)	62" (1575 mm)
LJ-4397	2 3/16" (56 mm)	1 1/4" (32 mm)	1 1/4" (32 mm)	5 3/16" (132 mm)	23 5/16" (592 mm)	28 13/16" (732 mm)	4 1/4" (108 mm)	62" (1575 mm)

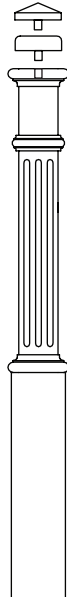


Interchangeable pyramid and flat caps included.



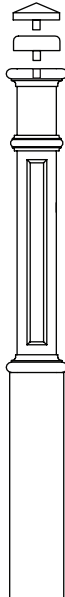
LJP-4491
LJP-4591
LJP-4691

Plain



LJF-4491
LJF-4591
LJF-4691

Fluted



LJRC-4491
LJRC-4591
LJRC-4691

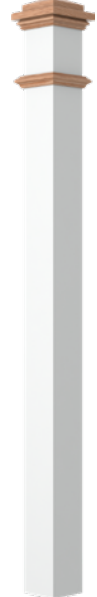
Recessed



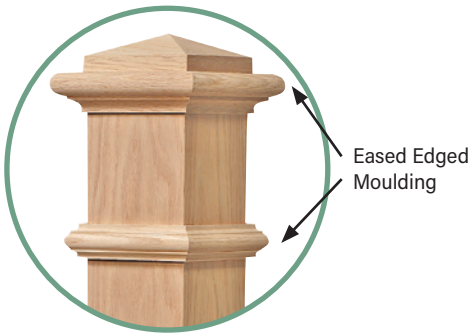
S-4075



LJ-4076
Primed Trim



LJ-4076NS
Unfinished
Red Oak Trim

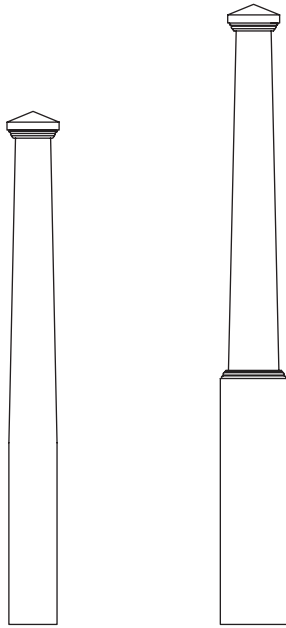


Eased Edged
Moulding



Pictured: LIH-HOLPLA44 Iron Balusters,
LJP-4491 Box Newels, 684 Handrail

ITEM	PYRAMID CAP HEIGHT	FLAT CAP HEIGHT	TOP MOULDING HEIGHT	MIDDLE MOULDING HEIGHT	BOTTOM MOULDING HEIGHT	TOP BLOCK LENGTH	CENTER LENGTH	BOTTOM BLOCK LENGTH	SQUARE SIZE	OVERALL LENGTH
LJP-4491	1 3/4" (44 mm)	1 1/2" (38 mm)	1 13/16" (46 mm)	1 37/64" (40 mm)	1 13/16" (46 mm)	5" (127 mm)	20 3/4" (527 mm)	22 1/4" (565 mm)	5 1/2" (140 mm)	55" (1397 mm)
LJP-4591	1 3/4" (44 mm)	1 1/2" (38 mm)	1 13/16" (46 mm)	1 37/64" (40 mm)	1 13/16" (46 mm)	5" (127 mm)	20 3/4" (527 mm)	22 1/4" (565 mm)	6 1/4" (159 mm)	55" (1397 mm)
LJP-4691	1 3/4" (44 mm)	1 1/2" (38 mm)	1 13/16" (46 mm)	1 37/64" (40 mm)	1 13/16" (46 mm)	5" (127 mm)	20 3/4" (527 mm)	22 1/4" (565 mm)	7 1/2" (191 mm)	55" (1397 mm)
LJF-4491	1 3/4" (44 mm)	1 1/2" (38 mm)	1 13/16" (46 mm)	1 37/64" (40 mm)	1 13/16" (46 mm)	5" (127 mm)	20 3/4" (527 mm)	22 1/4" (565 mm)	5 1/2" (140 mm)	55" (1397 mm)
LJF-4591	1 3/4" (44 mm)	1 1/2" (38 mm)	1 13/16" (46 mm)	1 37/64" (40 mm)	1 13/16" (46 mm)	5" (127 mm)	20 3/4" (527 mm)	22 1/4" (565 mm)	6 1/4" (159 mm)	55" (1397 mm)
LJF-4691	1 3/4" (44 mm)	1 1/2" (38 mm)	1 13/16" (46 mm)	1 37/64" (40 mm)	1 13/16" (46 mm)	5" (127 mm)	20 3/4" (527 mm)	22 1/4" (565 mm)	7 1/2" (191 mm)	55" (1397 mm)
LJRC-4491	1 3/4" (44 mm)	1 1/2" (38 mm)	1 13/16" (46 mm)	1 37/64" (40 mm)	1 13/16" (46 mm)	5" (127 mm)	20 3/4" (527 mm)	22 1/4" (565 mm)	5 1/2" (140 mm)	55" (1397 mm)
LJRC-4591	1 3/4" (44 mm)	1 1/2" (38 mm)	1 13/16" (46 mm)	1 37/64" (40 mm)	1 13/16" (46 mm)	5" (127 mm)	20 3/4" (527 mm)	22 1/4" (565 mm)	6 1/4" (159 mm)	55" (1397 mm)
LJRC-4691	1 3/4" (44 mm)	1 1/2" (38 mm)	1 13/16" (46 mm)	1 37/64" (40 mm)	1 13/16" (46 mm)	5" (127 mm)	20 3/4" (527 mm)	22 1/4" (565 mm)	7 1/2" (191 mm)	55" (1397 mm)
S-4075	1 3/4" (44 mm)	1 1/2" (38 mm)	1 13/16" (46 mm)	1 37/64" (40 mm)	N/A	5" (127 mm)	N/A	45 7/64" (1146 mm)	3 1/2" (89 mm)	56" (1422 mm)
LJ-4076	2 1/8" (54 mm)	N/A	1" (25 mm)	1 5/32" (29 mm)	N/A	4 1/2" (114 mm)	N/A	48 27/32" (1241 mm)	4" (101 mm)	58" (1473 mm)



LJ-4000TP-4.5
LJ-4001TP-4.5

Solid

LJ-4091TP

Hollow



Pictured: LJ-5060 Balusters, LJ-4091NC Box Newels with LJ-C4091 Caps, LJ-6010P Plowed Handrail

TOP CAP	WIDTH	HEIGHT
LJ-9011	4 ¹⁵ / ₁₆ " (125 mm)	1 ⁵ / ₈ " (41 mm)
LJ-9012	5 ⁷ / ₁₆ " (138 mm)	1 ⁵ / ₈ " (41 mm)
LJ-C4075	5" (127 mm)	2 ⁷ / ₈ " (73 mm)
LJ-C4091	6 ¹ / ₄ " (158 mm)	2 ⁷ / ₈ " (73 mm)

NEWEL BODY	WIDTH	HEIGHT
LJ-4110SQ	3" (76 mm)	48" (1219 mm)
LJ-4111SQ	3" (76 mm)	58" (1473 mm)
LJ-4000SQ	3 ¹ / ₂ " (89 mm)	48" (1219 mm)
LJ-4001SQ	3 ¹ / ₂ " (89 mm)	58" (1473 mm)
LJ-4075NC	3 ¹ / ₂ " (89 mm)	54 ³ / ₈ " (1381 mm)
LJ-4091NC	6 ¹ / ₄ " (159 mm)	53 ³ / ₈ " (1356 mm)
LJF-4091NC	6 ¹ / ₄ " (159 mm)	53 ³ / ₈ " (1356 mm)

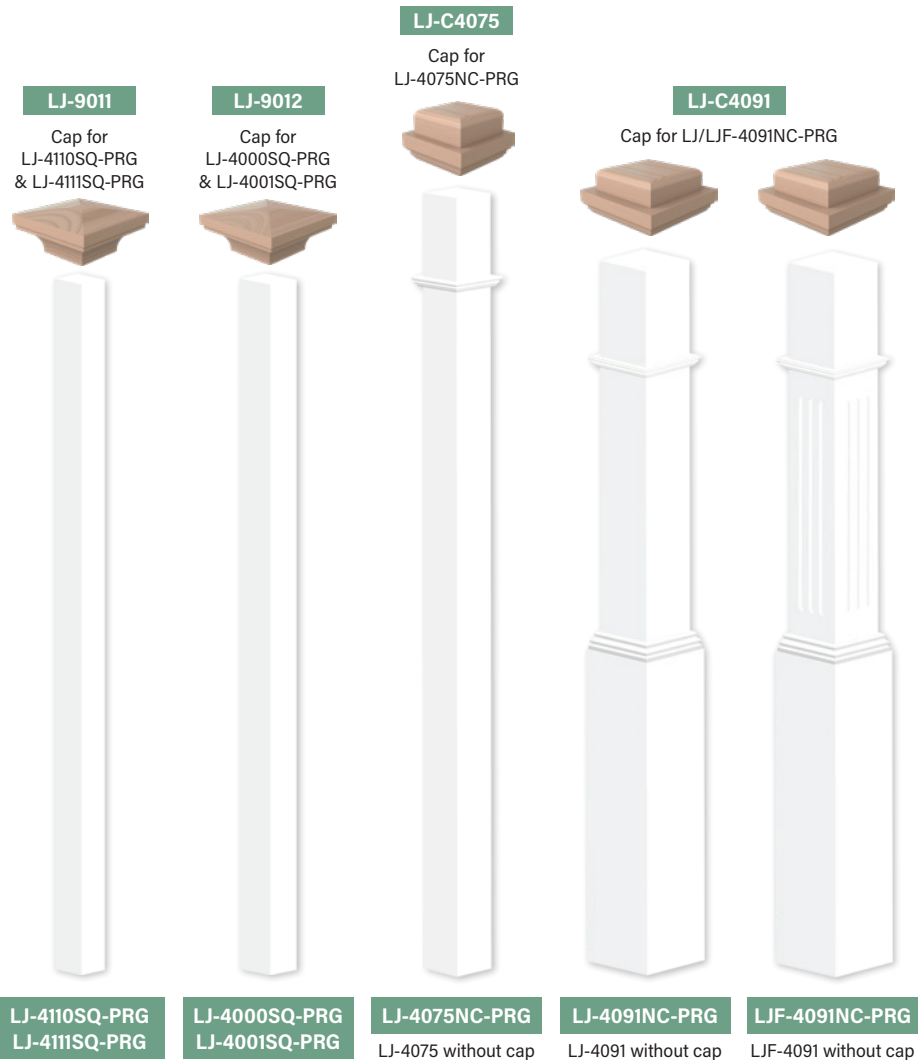
TAPERED BOX NEWELS

Carefully designed to be reminiscent of the early 1900s Arts and Crafts movement.

ITEM	CAP HEIGHT	TAPER LENGTH	BOTTOM STRAIGHT	SQUARE SIZE	OVERALL HEIGHT
LJ-4000TP-4.5	2 ¹ / ₂ " (64 mm)	28 ¹ / ₂ " (724 mm)	17" (432 mm)	4 ¹ / ₂ " (114 mm)	48" (1219 mm)
LJ-4001TP-4.5	2 ¹ / ₂ " (64 mm)	28 ¹ / ₂ " (724 mm)	27" (686 mm)	4 ¹ / ₂ " (114 mm)	58" (1473 mm)
LJ-4091TP	2 ¹ / ₂ " (64 mm)	32 ¹ / ₂ " (813 mm)	23" (584 mm)	6 ¹ / ₂ " (159 mm)	58" (1473 mm)

GLOSS PRIMED NEWELS AND COORDINATING CAPS

A versatile collection of newel options to create the perfect combination for stairways with painted balusters and stained handrail. See cap wood species options on page 16.





BOX NEWEL ACCESSORIES

Many of our box newels are crafted with a flat top plate. This allows for a variety of options from which you can choose to suit your particular taste. Each of the below items are sold separately and are available in the same wood species as our box newels. *All newels and accessories are for interior use only.*

TOP PLATES

Flat and chamfered top plates can be added directly to box newels for added dimension.

BOX NEWELS



INTERMEDIATE BOX NEWELS

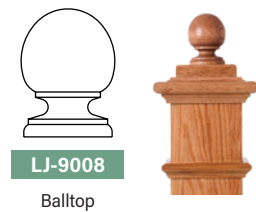


TOP PLATE	LENGTH	WIDTH	THICKNESS
LJ-9000	5" (127 mm)	5" (127 mm)	1" (25 mm)
LJ-9001	5" (127 mm)	5" (127 mm)	1 1/4" (32 mm)
LJ-9300	3 5/8" (92 mm)	3 5/8" (92 mm)	7/8" (22 mm)
LJ-9301	3 5/8" (92 mm)	3 5/8" (92 mm)	15/16" (24 mm)

FINIAL	LENGTH	WIDTH	THICKNESS
LJ-9008	4 7/16" (113 mm)	3 1/4" (83 mm)	3 1/16" (78 mm)

FINIAL

Finials are among the earliest types of architectural decoration used on stairways and can be applied directly to a standard box newel top, or the LJ-9000/ LJ-9300 flat top (pictured right). Each finial is shipped with a 2 1/2" x 5/16" lag screw.



The below chart shows which accessories (listed along the left side) can be used with each of our box newels (listed across the top).

	4075	4091	4092	4093	4094	4095	4096	4097	4175	4391	4392	4393	4394	4395	4396	4397
9000			✓	✓	✓	✓	✓	✓								
9001			✓	✓	✓	✓	✓	✓								
9008		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
9300											✓	✓	✓	✓	✓	✓
9301											✓	✓	✓	✓	✓	✓



Pictured: LIH-HOLPLA44 and LIH-HOL166244 Iron Balusters, LJ-4091 Box Newels, 6800ST Handrail





Pictured: LJ-5040 Balusters,
LJ-4060 Newel Post, LJ-6701
Handrail



Pictured: LJ-5V05 Balusters, LJRA-4091
Box Newels, LJ-6210P Plowed Handrail



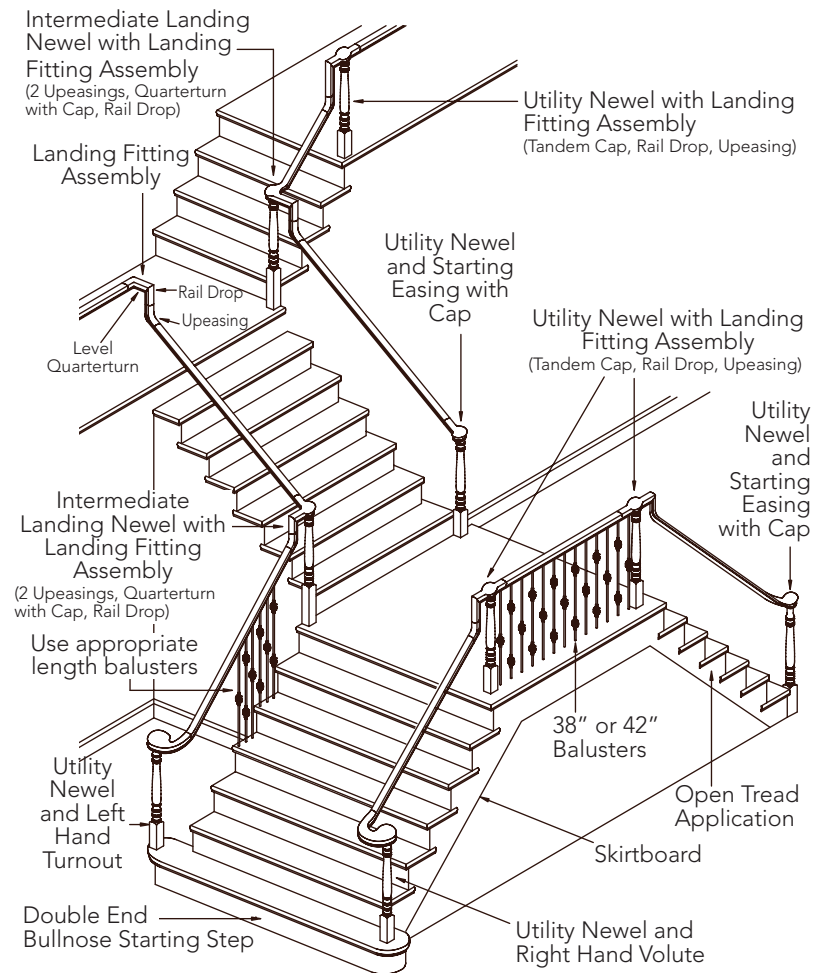
Pictured: LJ-5060 Balusters, LJ-4010
Newel Post, LJ-6010 Handrail



OVER THE POST *systems*

QUALITY
CRAFTSMANSHIP
WITH UNWAVERING
ATTENTION TO
DETAIL.

Each Over the Post collection features components that are compatible with one another. We recommend choosing the handrail, baluster and newel styles for your stairway from the same collection.



Over the Post systems offer a wide range of versatility, allowing you to blend various styles to achieve your desired look.



HARBOR*collection*

NEWEL POSTS

PLAIN

BEADED

FLUTED



LJP-3910
LJP-3914
LJP-3915
LJP-3918



LJB-3910
LJB-3914
LJB-3915
LJB-3918



LJF-3910
LJF-3914
LJF-3915
LJF-3918

NEWEL POSTS	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
UTILITY NEWELS				
3910	23 1/16" (586 mm)	18 15/16" (481 mm)	3 1/4" (83 mm)	43" (1092 mm)
3914	23 1/16" (586 mm)	25 15/16" (659 mm)	3 1/4" (83 mm)	50" (1270 mm)
INTERMEDIATE LANDING NEWELS				
3915	23 1/16" (586 mm)	33 15/16" (862 mm)	3 1/4" (83 mm)	58" (1473 mm)
3918	23 1/16" (586 mm)	48 15/16" (1243 mm)	3 1/4" (83 mm)	73" (1854 mm)



FILLET & SHOERAIL



LJ-6007

HEIGHT	WIDTH
5/16" (8 mm)	1 3/4" (44mm)

LJ-6006

HEIGHT	WIDTH	PLOW WIDTH
1" (25 mm)	3 1/8" (79 mm)	1 3/4" (44mm)

BALUSTER NOTE:

"LJ-" series wood balusters are pre-drilled with a 9/32"(7 mm) diameter hole at least 3"(76 mm) deep in which a pin ("Pin E-Z") is loosely inserted. Every baluster can then be installed in the traditional manner, or by using the Dowel-Fast™ screws as shown on page 97 (sold separately).



PIN TOP BALUSTERS & NON-PLOWED HANDRAILS



LJP-2915

Plain



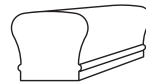
LJB-2915

Beaded

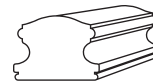


LJF-2915

Fluted



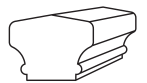
LJ-6210



LJ-6400



LJ-6519



LJ-6701



LJ-6900



LJ-6A10



LJ-6B10



684

BALUSTER	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
2915-34	27 5/16" (700 mm)	6 7/16" (164 mm)	1 3/4" (44 mm)	34" (864 mm)
2915-38	27 5/16" (700 mm)	10 7/16" (265 mm)	1 3/4" (44 mm)	38" (965 mm)
2915-42	27 5/16" (700 mm)	14 7/16" (367 mm)	1 3/4" (44 mm)	42" (1067 mm)

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH
LJ-6210	2 3/8" (60 mm)	2 5/8" (67 mm)	2" (51 mm)
LJ-6400	2 1/4" (57 mm)	2 3/4" (70 mm)	3" (76 mm)
LJ-6519	3" (76 mm)	2 5/8" (67 mm)	2 5/8" (67 mm)
LJ-6701	2 1/8" (54 mm)	2 3/4" (70 mm)	1 5/8" (41 mm)
LJ-6900	2 3/4" (70 mm)	2 5/8" (67 mm)	1 15/16" (49 mm)
LJ-6A10	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)
LJ-6B10	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)
684	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)

SQUARE TOP BALUSTERS & PLOWED HANDRAILS



LJP-2905

Plain



LJB-2905

Beaded

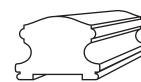


LJF-2905

Fluted



LJ-6210P



LJ-6400P



LJ-6519P



LJ-6900P



LJ-6A10P1



LJ-6B10P1



684P1

BALUSTER	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
2905-34	6 1/2" (165 mm)	21 1/16" (535 mm)	6 7/16" (164 mm)	1 3/4" (44 mm)	34" (864 mm)
2905-38	6 1/2" (165 mm)	21 1/16" (535 mm)	10 7/16" (265 mm)	1 3/4" (44 mm)	38" (965 mm)
2905-42	6 1/2" (165 mm)	21 1/16" (535 mm)	14 7/16" (367 mm)	1 3/4" (44 mm)	42" (1067 mm)

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH	PLOW WIDTH
LJ-6210P	2 3/8" (60 mm)	2 5/8" (67 mm)	2" (51 mm)	1 3/4" (44 mm)
LJ-6400P	2 1/4" (57 mm)	2 3/4" (70 mm)	3" (76 mm)	1 3/4" (44 mm)
LJ-6519P	3" (76 mm)	2 5/8" (67 mm)	2 5/8" (67 mm)	1 3/4" (44 mm)
LJ-6900P	2 3/4" (70 mm)	2 5/8" (67 mm)	1 15/16" (49 mm)	1 3/4" (44 mm)
LJ-6A10P1	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)	1 3/4" (44 mm)
LJ-6B10P1	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)	1 3/4" (44 mm)
684P1	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)	1 3/4" (44 mm)



BRIARCLIFFE *collection*

NEWEL POSTS

PLAIN



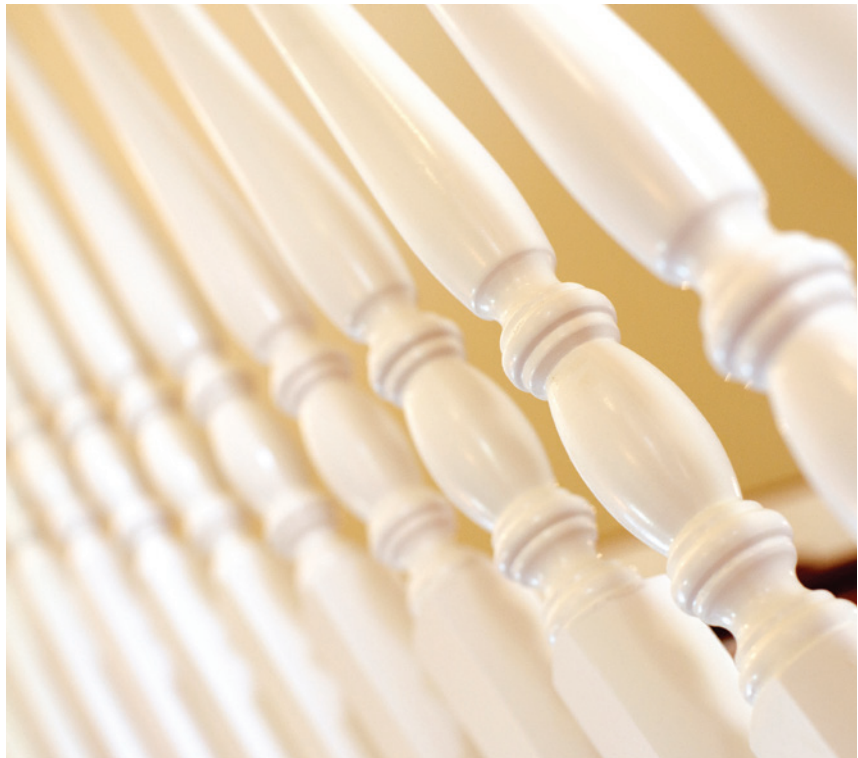
LJP-3310
LJP-3314
LJP-3315
LJP-3318

FLUTED



LJF-3310
LJF-3314
LJF-3315
LJF-3318

NEWEL POSTS	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
UTILITY NEWELS				
3310	22 7/16" (581 mm)	19 1/8" (486 mm)	3 1/2" (89 mm)	43" (1092 mm)
3314	22 7/16" (581 mm)	26 1/8" (664 mm)	3 1/2" (89 mm)	50" (1270 mm)
INTERMEDIATE LANDING NEWELS				
3315	22 7/16" (581 mm)	34 1/8" (867 mm)	3 1/2" (89 mm)	58" (1473 mm)
3318	22 7/16" (581 mm)	49 1/8" (1248 mm)	3 1/2" (89 mm)	73" (1854 mm)



FILLET & SHOERAIL



LJ-6007

HEIGHT	WIDTH
5/16" (8 mm)	1 3/4" (44 mm)

LJ-6006

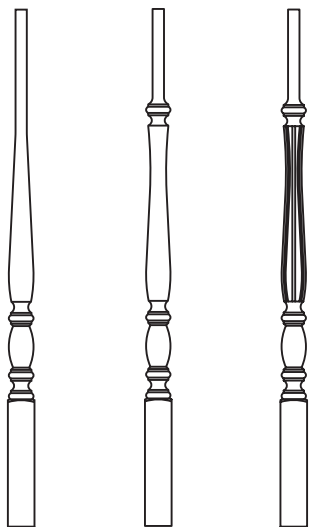
HEIGHT	WIDTH	PLOW WIDTH
1" (25 mm)	3 1/8" (79 mm)	1 3/4" (44 mm)

BALUSTER NOTE:

"LJ-" series wood balusters are pre-drilled with a 9/32"(7 mm) diameter hole at least 3"(76 mm) deep in which a pin ("Pin E-Z") is loosely inserted. Every baluster can then be installed in the traditional manner, or by using the Dowel-Fast™ screws as shown on page 97 (sold separately).



PIN TOP BALUSTERS & NON-PLOWED HANDRAILS



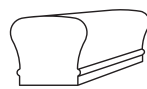
LJ-2111

LJP-2115

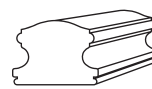
LJF-2115

Plain

Fluted



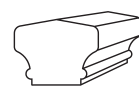
LJ-6210



LJ-6400



LJ-6519



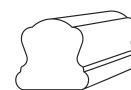
LJ-6701



LJ-6900



LJ-6A10



LJ-6B10

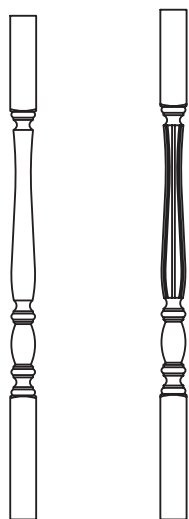


684

BALUSTER	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
2111-34	25 5/8" (651 mm)	8 3/8" (213 mm)	1 3/4" (44 mm)	34" (864 mm)
2111-38	25 5/8" (651 mm)	12 3/8" (314 mm)	1 3/4" (44 mm)	38" (965 mm)
2111-42	25 5/8" (651 mm)	16 3/8" (416 mm)	1 3/4" (44 mm)	42" (1067 mm)
2115-34	25 9/16" (642 mm)	8 7/16" (214 mm)	1 3/4" (44 mm)	34" (864 mm)
2115-38	25 9/16" (642 mm)	12 7/16" (316 mm)	1 3/4" (44 mm)	38" (965 mm)
2115-42	25 9/16" (642 mm)	16 7/16" (418 mm)	1 3/4" (44 mm)	42" (1067 mm)

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH
LJ-6210	2 3/8" (60 mm)	2 5/8" (67 mm)	2" (51 mm)
LJ-6400	2 1/4" (57 mm)	2 3/4" (70 mm)	3" (76 mm)
LJ-6519	3" (76 mm)	2 5/8" (67 mm)	2 5/8" (67 mm)
LJ-6701	2 1/8" (54 mm)	2 3/4" (70 mm)	1 5/8" (41 mm)
LJ-6900	2 3/4" (70 mm)	2 5/8" (67 mm)	1 15/16" (49 mm)
LJ-6A10	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)
LJ-6B10	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)
684	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)

SQUARE TOP BALUSTERS & PLOWED HANDRAILS

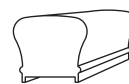


LJP-2105

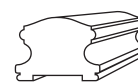
LJF-2105

Plain

Fluted



LJ-6210P



LJ-6400P



LJ-6519P



LJ-6900P



LJ-6A10P1



LJ-6B10P1



684P1

BALUSTER	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
2105-34	6 1/2" (165 mm)	19 1/8" (486 mm)	8 3/8" (213 mm)	1 3/4" (44 mm)	34" (864 mm)
2105-38	6 1/2" (165 mm)	19 1/8" (486 mm)	12 3/8" (314 mm)	1 3/4" (44 mm)	38" (965 mm)
2105-42	6 1/2" (165 mm)	19 1/8" (486 mm)	16 3/8" (416 mm)	1 3/4" (44 mm)	42" (1067 mm)

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH	PLOW WIDTH
LJ-6210P	2 3/8" (60 mm)	2 5/8" (67 mm)	2" (51 mm)	1 3/4" (44 mm)
LJ-6400P	2 1/4" (57 mm)	2 3/4" (70 mm)	3" (76 mm)	1 3/4" (44 mm)
LJ-6519P	3" (76 mm)	2 5/8" (67 mm)	2 5/8" (67 mm)	1 3/4" (44 mm)
LJ-6900P	2 3/4" (70 mm)	2 5/8" (67 mm)	1 15/16" (49 mm)	1 3/4" (44 mm)
LJ-6A10P1	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)	1 3/4" (44 mm)
LJ-6B10P1	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)	1 3/4" (44 mm)
684P1	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)	1 3/4" (44 mm)



LASALLE *collection*

NEWEL POSTS

FLUTED



LJP-3210
LJP-3214
LJP-3215
LJP-3218



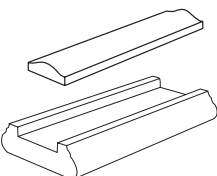
LJF-3210
LJF-3214
LJF-3215
LJF-3218

NEWEL POSTS	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
UTILITY NEWELS				
3210	22 7/8" (581 mm)	19 1/8" (486 mm)	3" (76 mm)	43" (1092 mm)
3214	22 7/8" (581 mm)	26 1/8" (664 mm)	3" (76 mm)	50" (1270 mm)
INTERMEDIATE LANDING NEWELS				
3215	22 7/8" (581 mm)	34 1/8" (867 mm)	3" (76 mm)	58" (1473 mm)
3218	22 7/8" (581 mm)	49 1/8" (1248 mm)	3" (76 mm)	73" (1854 mm)



Pictured: LJP-2415 Balusters, LJP-3210 Series Newel Posts, LJ-6010 Handrail

FILLET & SHOERAIL



LJ-6050

HEIGHT	WIDTH
3/8" (10 mm)	1 1/4" (32 mm)

LJ-6045

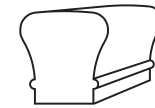
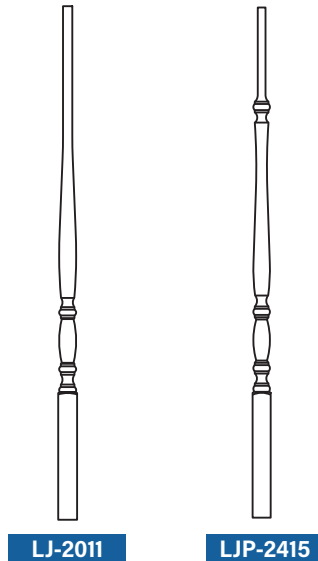
HEIGHT	WIDTH	PLOW WIDTH
3/4" (19 mm)	2 1/2" (64 mm)	1 1/4" (32mm)

BALUSTER NOTE:

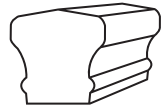
"LJ-" series wood balusters are pre-drilled with a 9/32"(7 mm) diameter hole at least 3"(76 mm) deep in which a pin ("Pin E-Z") is loosely inserted. Every baluster can then be installed in the traditional manner, or by using the Dowel-Fast™ screws as shown on page 97 (sold separately).



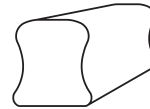
PIN TOP BALUSTERS & NON-PLOWED HANDRAILS



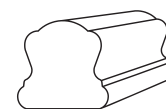
LJ-6010



LJ-6601



LJ-6A10



LJ-6B10

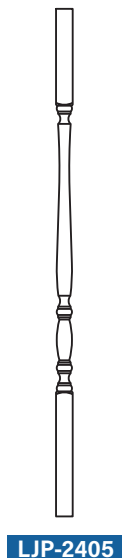


684

BALUSTER	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
LJ-2011-34	25 9/16" (642 mm)	8 7/16" (214 mm)	1 1/4" (32 mm)	34" (864 mm)
LJ-2011-38	25 9/16" (642 mm)	12 7/16" (316 mm)	1 1/4" (32 mm)	38" (965 mm)
LJ-2011-42	25 9/16" (642 mm)	16 7/16" (418 mm)	1 1/4" (32 mm)	42" (1067 mm)
LJP-2415-34	25 1/2" (648 mm)	8 1/2" (216 mm)	1 1/4" (32 mm)	34" (864 mm)
LJP-2415-38	25 1/2" (648 mm)	12 1/2" (318 mm)	1 1/4" (32 mm)	38" (965 mm)
LJP-2415-42	25 1/2" (648 mm)	16 1/2" (419 mm)	1 1/4" (32 mm)	42" (1067 mm)

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH
LJ-6010	2 3/8" (60 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)
LJ-6601	2 1/4" (57 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)
LJ-6A10	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)
LJ-6B10	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)
684	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)

SQUARE TOP BALUSTER & PLOWED HANDRAILS



LJ-6010P



LJ-6601P



LJ-6A10P0



LJ-6B10P0



684P0

BALUSTER	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
LJP-2405-34	6 9/16" (167 mm)	19 1/16" (484 mm)	8 3/8" (213 mm)	1 1/4" (32 mm)	34" (864 mm)
LJP-2405-38	6 9/16" (167 mm)	19 1/16" (484 mm)	12 3/8" (314 mm)	1 1/4" (32 mm)	38" (965 mm)
LJP-2405-42	6 9/16" (167 mm)	19 1/16" (484 mm)	16 3/8" (416 mm)	1 1/4" (32 mm)	42" (1067 mm)

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH	PLOW WIDTH
LJ-6010P	2 3/8" (60 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)	1 1/4" (32 mm)
LJ-6601P	2 1/4" (57 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)	1 1/4" (32 mm)
LJ-6A10P0	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)	1 1/4" (32 mm)
LJ-6B10P0	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)	1 1/4" (32 mm)
684P0	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)	1 1/4" (32 mm)



REGENT *collection*

NEWEL POSTS

PLAIN

TWIST

FLUTED

OCTAGONAL



LJP-3010
LJP-3014
LJP-3015
LJP-3018



LJT-3010
LJT-3014
LJT-3015
LJT-3018



LJF-3010
LJF-3014
LJF-3015
LJF-3018



LJP-30108
LJP-30148
LJP-30158
LJP-30188



Pictured: LJF-2015 Balusters, LJF-3010 Series Newel Posts, LJ-6210 Handrail

NEWEL POSTS	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
UTILITY NEWELS				
3010(8)	27" (686 mm)	15" (381 mm)	3 1/2" (89 mm)	43" (1092 mm)
3014(8)	27" (686 mm)	22" (559 mm)	3 1/2" (89 mm)	50" (1270 mm)
INTERMEDIATE LANDING NEWELS				
3015(8)	27" (686 mm)	30" (762 mm)	3 1/2" (89 mm)	58" (1473 mm)
3018(8)	27" (686 mm)	45" (1143 mm)	3 1/2" (89 mm)	73" (1854 mm)

FILLET & SHOERAIL



LJ-6007

HEIGHT

WIDTH

5/16" (8 mm)

1 3/4" (44 mm)

LJ-6006

HEIGHT

WIDTH

PLOW WIDTH

1" (25 mm)

3 1/8" (79 mm)

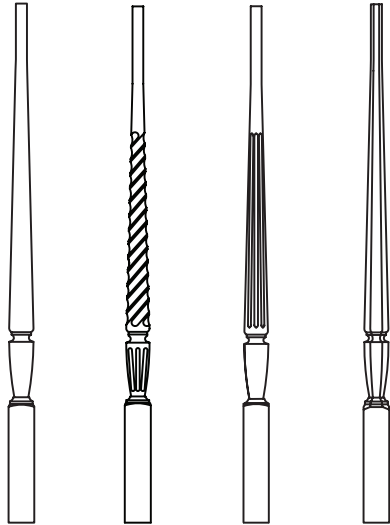
1 3/4" (44 mm)

BALUSTER NOTE:

"LJ-" series wood balusters are pre-drilled with a 9/32"(7 mm) diameter hole at least 3"(76 mm) deep in which a pin ("Pin E-Z") is loosely inserted. Every baluster can then be installed in the traditional manner, or by using the Dowel-Fast™ screws as shown on page 97 (sold separately).

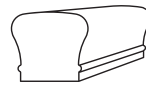


PIN TOP BALUSTERS & NON-PLOWED HANDRAILS

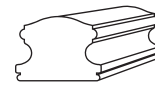


LJP-2015 **LJT-2015** **LJF-2015** **LJP-20158**

Plain Twisted Fluted Octagonal



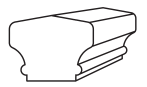
LJ-6210



LJ-6400



LJ-6519



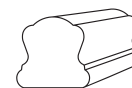
LJ-6701



LJ-6900



LJ-6A10



LJ-6B10

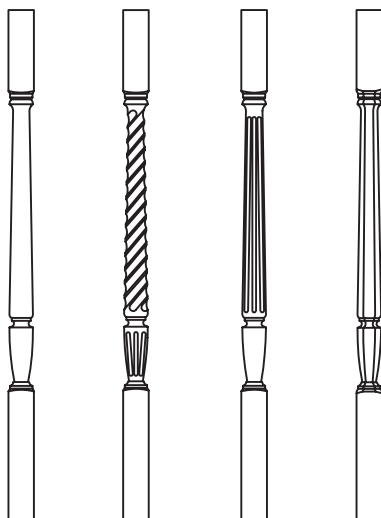


684

BALUSTER	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
2015(8)-34	28" (711 mm)	6" (152 mm)	1 3/4" (44 mm)	34" (864 mm)
2015(8)-38	28" (711 mm)	10" (254 mm)	1 3/4" (44 mm)	38" (965 mm)
2015(8)-42	28" (711 mm)	14" (356 mm)	1 3/4" (44 mm)	42" (1067 mm)

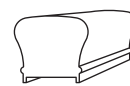
HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH
LJ-6210	2 3/8" (60 mm)	2 5/8" (67 mm)	2" (51 mm)
LJ-6400	2 1/4" (57 mm)	2 3/4" (70 mm)	3" (76 mm)
LJ-6519	3" (76 mm)	2 5/8" (67 mm)	2 5/8" (67 mm)
LJ-6701	2 1/8" (54 mm)	2 3/4" (70 mm)	1 5/8" (41 mm)
LJ-6900	2 3/4" (70 mm)	2 5/8" (67 mm)	1 5/8" (49 mm)
LJ-6A10	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)
LJ-6B10	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)
684	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)

SQUARE TOP BALUSTERS & PLOWED HANDRAILS

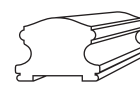


LJP-2005 **LJT-2005** **LJF-2005** **LJP-20058**

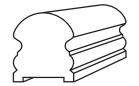
Plain Twisted Fluted Octagonal



LJ-6210P



LJ-6400P



LJ-6519P



LJ-6900P



LJ-6A10P1



LJ-6B10P1



684P1

BALUSTER	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
2005(8)-34	7" (178 mm)	20" (508 mm)	7" (178 mm)	1 3/4" (44 mm)	34" (864 mm)
2005(8)-38	7" (178 mm)	20" (508 mm)	11" (279 mm)	1 3/4" (44 mm)	38" (965 mm)
2005(8)-42	7" (178 mm)	20" (508 mm)	15" (381 mm)	1 3/4" (44 mm)	42" (1067 mm)

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH	PLOW WIDTH
LJ-6210P	2 3/8" (60 mm)	2 5/8" (67 mm)	2" (51 mm)	1 3/4" (44 mm)
LJ-6400P	2 1/4" (57 mm)	2 3/4" (70 mm)	3" (76 mm)	1 3/4" (44 mm)
LJ-6519P	3" (76 mm)	2 5/8" (67 mm)	2 5/8" (67 mm)	1 3/4" (44 mm)
LJ-6900P	2 3/4" (70 mm)	2 5/8" (67 mm)	1 5/8" (49 mm)	1 3/4" (44 mm)
LJ-6A10P1	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)	1 3/4" (44 mm)
LJ-6B10P1	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)	1 3/4" (44 mm)
684P1	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)	1 3/4" (44 mm)



HARMONY *collection*

NEWEL POSTS

OCTAGONAL



LJ-4270
LJ-4274
LJ-4275
LJ-4278



LJ-3513PT



LJ-42708
LJ-42748
LJ-42758
LJ-42788

NEWEL POSTS	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
UTILITY NEWELS				
LJ-4270(8)	27" (686 mm)	15" (381 mm)	3 1/4" (83 mm)	43" (1092 mm)
LJ-4274(8)	27" (686 mm)	22" (559 mm)	3 1/4" (83 mm)	50" (1270 mm)
INTERMEDIATE LANDING NEWELS				
LJ-4275(8)	27" (686 mm)	30" (762 mm)	3 1/4" (83 mm)	58" (1473 mm)
LJ-4278(8)	27" (686 mm)	45" (1143 mm)	3 1/4" (83 mm)	73" (1854 mm)
RAKE NEWEL				
LJ-3513PT	27 13/16" (706 mm)	20 3/16" (513 mm)	3" (76 mm)	48" (1219 mm)



Pictured: LJ-5005 Balusters, LJ-4270 Series Newel Posts, LJ-6210P Plowed Handrail

FILLET & SHOERAIL



LJ-6007

HEIGHT	WIDTH
5/16" (8 mm)	1 3/4" (44mm)

LJ-6006

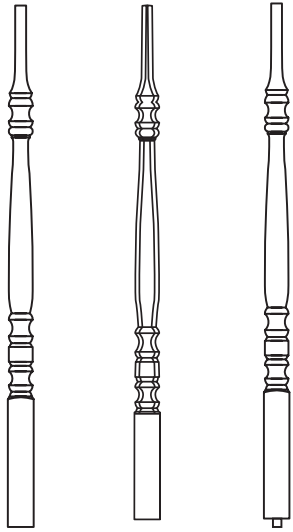
HEIGHT	WIDTH	PLOW WIDTH
1" (25 mm)	3 1/8" (79 mm)	1 3/4" (44mm)

BALUSTER NOTE:

"LJ-" series wood balusters are pre-drilled with a 9/32"(7 mm) diameter hole at least 3"(76 mm) deep in which a pin ("Pin E-Z") is loosely inserted. Every baluster can then be installed in the traditional manner, or by using the Dowel-Fast™ screws as shown on page 97 (sold separately).
"S-" series wood balusters have a turned bottom pin.



PIN TOP BALUSTERS & NON-PLOWED HANDRAILS

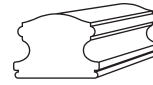


LJ-5300 **LJ-53008** **S-5300**

Octagonal Traditional
5 Lengths



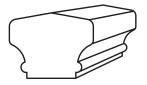
LJ-6210



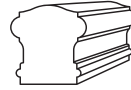
LJ-6400



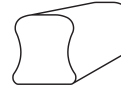
LJ-6519



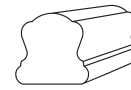
LJ-6701



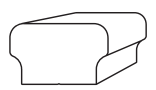
LJ-6900



LJ-6A10



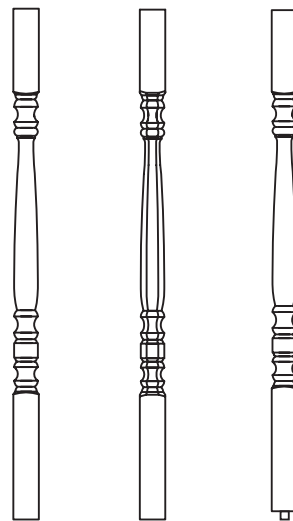
LJ-6B10



684

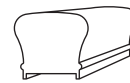
BALUSTER	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
LJ-5300(8)-34	27" (686 mm)	7" (178 mm)	1 3/4" (44 mm)	34" (864 mm)
LJ-5300(8)-38	27" (686 mm)	11" (279 mm)	1 3/4" (44 mm)	38" (965 mm)
LJ-5300(8)-42	27" (686 mm)	15" (381 mm)	1 3/4" (44 mm)	42" (1067 mm)
S-5300-31	22 1/2" (572 mm)	7 3/4" (197 mm)	1 3/4" (44 mm)	31" (787 mm)
S-5300-34	25 1/2" (648 mm)	7 3/4" (197 mm)	1 3/4" (44 mm)	34" (864 mm)
S-5300-36	27 1/2" (698 mm)	7 3/4" (197 mm)	1 3/4" (44 mm)	36" (914 mm)
S-5300-39	30 1/2" (775 mm)	7 3/4" (197 mm)	1 3/4" (44 mm)	39" (991 mm)
S-5300-42	33 1/2" (851 mm)	7 3/4" (197 mm)	1 3/4" (44 mm)	42" (1067 mm)
HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH	
LJ-6210	2 3/8" (60 mm)	2 5/8" (67 mm)	2" (51 mm)	
LJ-6400	2 1/4" (57 mm)	2 3/4" (70 mm)	3" (76 mm)	
LJ-6519	3" (76 mm)	2 5/8" (67 mm)	2 5/8" (67 mm)	
LJ-6701	2 1/8" (54 mm)	2 3/4" (70 mm)	1 5/8" (41 mm)	
LJ-6900	2 3/4" (70 mm)	2 5/8" (67 mm)	1 15/16" (49 mm)	
LJ-6A10	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)	
LJ-6B10	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)	
684	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)	

SQUARE TOP BALUSTERS & PLOWED HANDRAILS

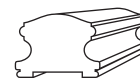


LJ-5005 **LJ-50058** **S-5105**

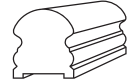
Octagonal Traditional
5 Lengths



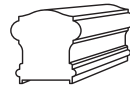
LJ-6210P



LJ-6400P



LJ-6519P



LJ-6900P



LJ-6A10P1



LJ-6B10P1



684P1

BALUSTER	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
LJ-5005ND-31*	5 7/8" (149 mm)	16 5/8" (422 mm)	8 1/2" (216 mm)	1 3/4" (44 mm)	31" (787 mm)
LJ-5005(8)-34	7" (178 mm)	20" (508 mm)	7" (178 mm)	1 3/4" (44 mm)	34" (864 mm)
LJ-5005(8)-38	7" (178 mm)	20" (508 mm)	11" (279 mm)	1 3/4" (44 mm)	38" (965 mm)
LJ-5005(8)-42	7" (178 mm)	20" (508 mm)	15" (381 mm)	1 3/4" (44 mm)	42" (1067 mm)
S-5105-31	5 7/8" (149 mm)	16 5/8" (422 mm)	7 3/4" (197 mm)	1 3/4" (44 mm)	31" (787 mm)
S-5105-34	5 7/8" (149 mm)	19 5/8" (498 mm)	7 3/4" (197 mm)	1 3/4" (44 mm)	34" (864 mm)
S-5105-36	5 7/8" (149 mm)	21 5/8" (549 mm)	7 3/4" (197 mm)	1 3/4" (44 mm)	36" (914 mm)
S-5105-39	5 7/8" (149 mm)	24 5/8" (625 mm)	7 3/4" (197 mm)	1 3/4" (44 mm)	39" (991 mm)
S-5105-42	8 1/8" (206 mm)	25 3/8" (645 mm)	7 3/4" (197 mm)	1 3/4" (44 mm)	42" (1067 mm)
HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH	PLOW WIDTH	
LJ-6210P	2 3/8" (60 mm)	2 5/8" (67 mm)	2" (51 mm)	1 3/4" (44 mm)	
LJ-6400P	2 1/4" (57 mm)	2 3/4" (70 mm)	3" (76 mm)	1 3/4" (44 mm)	
LJ-6519P	3" (76 mm)	2 5/8" (67 mm)	2 5/8" (67 mm)	1 3/4" (44 mm)	
LJ-6900P	2 3/4" (70 mm)	2 5/8" (67 mm)	1 15/16" (49 mm)	1 3/4" (44 mm)	
LJ-6A10P1	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)	1 3/4" (44 mm)	
LJ-6B10P1	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)	1 3/4" (44 mm)	
684P1	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)	1 3/4" (44 mm)	

*This baluster is for kneewall stairways only. It is NOT predrilled and does NOT include the Pin EZ.



CORNERSTONE *collection*

NEWEL POSTS

TURNED BOTTOM



LJ-4010
LJ-4014
LJ-4015
LJ-4017
LJ-4018



LJ-4013PT



Round

LJ-4050



Round

LJ-4060

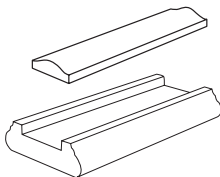
NEWEL POSTS	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
STARTING NEWELS				
LJ-4050	27" (686 mm)	15" (381 mm) turned	2 1/4" (57 mm)*	43" (1092 mm)
LJ-4060	27" (686 mm)	15" (381 mm) turned	2 3/4" (70 mm)*	43" (1092 mm)
UTILITY NEWELS				
LJ-4010	27" (686 mm)	15" (381 mm)	3" (76 mm)	43" (1092 mm)
LJ-4014	27" (686 mm)	22" (559 mm)	3" (76 mm)	50" (1270 mm)
INTERMEDIATE LANDING NEWELS				
LJ-4015	27" (686 mm)	30" (762 mm)	3" (76 mm)	58" (1473 mm)
LJ-4017	27" (686 mm)	37" (940 mm)	3" (76 mm)	65" (1651 mm)
LJ-4018	27" (686 mm)	45" (1143 mm)	3" (76 mm)	73" (1854 mm)
RAKE NEWEL				
LJ-4013PT	27" (686 mm)	16" (406 mm)	3" (76 mm)	43" (1092 mm)

*Diameter Dimension



Pictured: LJ-5015 Balusters,
LJ-4010 Newel Post, LJ-6010
Handrail

FILLET & SHOERAIL



LJ-6050

HEIGHT	WIDTH
3/8" (10 mm)	1 1/4" (32 mm)

LJ-6045

HEIGHT	WIDTH	PLOW WIDTH
3/4" (19 mm)	2 1/2" (64 mm)	1 1/4" (32 mm)

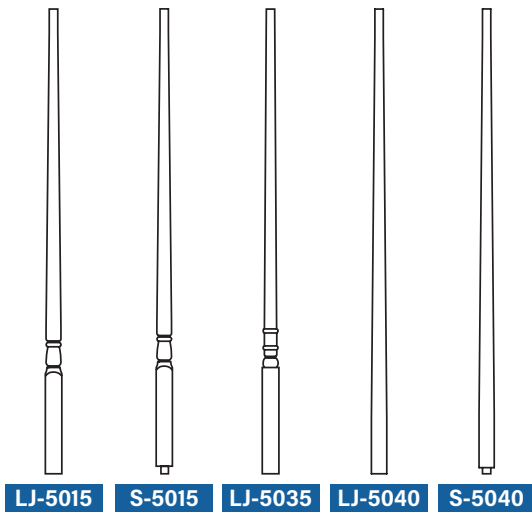
BALUSTER NOTE:

"LJ-" series wood balusters are pre-drilled with a 9/32" (7 mm) diameter hole at least 3" (76 mm) deep in which a pin ("Pin E-Z") is loosely inserted. Every baluster can then be installed in the traditional manner, or by using the Dowel-Fast™ screws as shown on page 97 (sold separately).

"S-" series wood balusters have a turned bottom pin.



PIN TOP BALUSTERS & NON-PLOWED HANDRAILS



LJ-5015 S-5015 LJ-5035 LJ-5040 S-5040



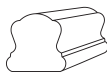
LJ-6010



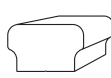
LJ-6601



LJ-6A10



LJ-6B10

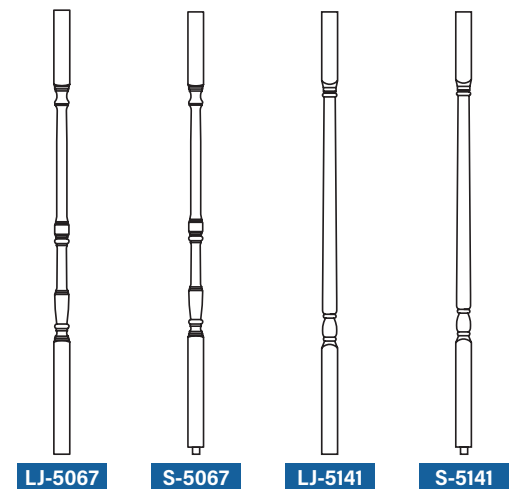


684

BALUSTER	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
LJ-5015ND-31*	22 5/8" (575 mm)	8 3/8" (213 mm)	1 1/4" (32 mm)	31" (787 mm)
LJ-5015-34	28" (711 mm)	6" (152 mm)	1 1/4" (32 mm)	34" (864 mm)
LJ-5015-38	28" (711 mm)	10" (254 mm)	1 1/4" (32 mm)	38" (965 mm)
LJ-5015-42	28" (711 mm)	14" (356 mm)	1 1/4" (32 mm)	42" (1067 mm)
S-5015-31	22 5/8" (575 mm)	7 5/8" (193 mm)	1 1/4" (32 mm)	31" (787 mm)
S-5015-34	25 5/8" (651 mm)	7 5/8" (193 mm)	1 1/4" (32 mm)	34" (864 mm)
S-5015-36	27 5/8" (702 mm)	7 5/8" (193 mm)	1 1/4" (32 mm)	36" (914 mm)
S-5015-39	30 5/8" (778 mm)	7 5/8" (193 mm)	1 1/4" (32 mm)	39" (990 mm)
S-5015-42	33 5/8" (854 mm)	7 5/8" (193 mm)	1 1/4" (32 mm)	42" (1067 mm)
LJ-5035-34	28" (711 mm)	6" (152 mm)	1 1/4" (32 mm)	34" (864 mm)
LJ-5035-38	28" (711 mm)	10" (254 mm)	1 1/4" (32 mm)	38" (965 mm)
LJ-5035-42	28" (711 mm)	14" (356 mm)	1 1/4" (32 mm)	42" (1067 mm)
LJ-5040-34	34" (864 mm)	N/A	1 1/8" Diam. (29 mm)	34" (864 mm)
LJ-5040-38	38" (965 mm)	N/A	1 1/8" Diam. (29 mm)	38" (965 mm)
LJ-5040-42	42" (1067 mm)	N/A	1 1/8" Diam. (29 mm)	42" (1067 mm)
S-5040-31	30 1/4" (768 mm)	N/A	1 1/8" Diam. (29 mm)	31" (787 mm)
S-5040-34	33 1/4" (845 mm)	N/A	1 1/8" Diam. (29 mm)	34" (864 mm)
S-5040-36	35 1/4" (895 mm)	N/A	1 1/8" Diam. (29 mm)	36" (914 mm)
S-5040-39	38 1/4" (972 mm)	N/A	1 1/8" Diam. (29 mm)	39" (990 mm)
S-5040-42	41 1/4" (1048 mm)	N/A	1 1/8" Diam. (29 mm)	42" (1067 mm)

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH
LJ-6010	2 3/8" (60 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)
LJ-6601	2 1/4" (57 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)
LJ-6A10	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)
LJ-6B10	2 5/8" (59 mm)	2" (51 mm)	2 3/8" (60 mm)
684	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)

SQUARE TOP BALUSTERS & PLOWED HANDRAILS



LJ-5067 S-5067 LJ-5141 S-5141



LJ-6010P



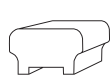
LJ-6601P



LJ-6A10P0



LJ-6B10P0



684P0

BALUSTER	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
LJ-5067-34	7" (178 mm)	20" (508 mm)	7" (178 mm)	1 1/4" (32 mm)	34" (864 mm)
LJ-5067-38	7" (178 mm)	20" (508 mm)	11" (279 mm)	1 1/4" (32 mm)	38" (965 mm)
LJ-5067-42	7" (178 mm)	20" (508 mm)	15" (381 mm)	1 1/4" (32 mm)	42" (1067 mm)
S-5067-31	5 1/4" (133 mm)	19 1/8" (486 mm)	5 7/8" (149 mm)	1 1/4" (32 mm)	31" (787 mm)
S-5067-34	5 7/8" (149 mm)	21 1/2" (546 mm)	5 7/8" (149 mm)	1 1/4" (32 mm)	34" (864 mm)
S-5067-36	5 3/8" (136 mm)	24" (610 mm)	5 7/8" (149 mm)	1 1/4" (32 mm)	36" (914 mm)
S-5067-39	5 1/4" (133 mm)	27 1/8" (689 mm)	5 7/8" (149 mm)	1 1/4" (32 mm)	39" (990 mm)
S-5067-42	7 5/8" (194 mm)	27 3/4" (705 mm)	5 7/8" (149 mm)	1 1/4" (32 mm)	42" (1067 mm)
LJ-5141ND-31*	5 1/4" (133 mm)	16 3/4" (425 mm)	9" (229 mm)	1 1/4" (32 mm)	31" (787 mm)
LJ-5141-34	7" (178 mm)	20" (508 mm)	7" (178 mm)	1 1/4" (32 mm)	34" (864 mm)
LJ-5141-38	7" (178 mm)	20" (508 mm)	11" (279 mm)	1 1/4" (32 mm)	38" (965 mm)
LJ-5141-42	7" (178 mm)	20" (508 mm)	15" (381 mm)	1 1/4" (32 mm)	42" (1067 mm)
S-5141-31	5 1/4" (133 mm)	16 3/4" (425 mm)	8 1/4" (210 mm)	1 1/4" (32 mm)	31" (787 mm)
S-5141-34	6 1/4" (159 mm)	18 3/4" (476 mm)	8 1/4" (210 mm)	1 1/4" (32 mm)	34" (864 mm)
S-5141-36	6 1/4" (159 mm)	20 3/4" (527 mm)	8 1/4" (210 mm)	1 1/4" (32 mm)	36" (914 mm)
S-5141-39	6 1/4" (159 mm)	23 3/4" (603 mm)	8 1/4" (210 mm)	1 1/4" (32 mm)	39" (990 mm)
S-5141-42	6 1/4" (159 mm)	26 3/4" (679 mm)	8 1/4" (210 mm)	1 1/4" (32 mm)	42" (1067 mm)

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH	PLOW WIDTH
LJ-6010P	2 3/8" (60 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)	1 1/4" (32 mm)
LJ-6601P	2 1/4" (57 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)	1 1/4" (32 mm)
LJ-6A10P0	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)	1 1/4" (32 mm)
LJ-6B10P0	2 5/8" (59 mm)	2" (51 mm)	2 3/8" (60 mm)	1 1/4" (32 mm)
684P0	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)	1 1/4" (32 mm)

*This baluster is for kneewall stairways only. It is NOT predrilled and does NOT include the Pin EZ.



CLASSIC *collection*

NEWEL POSTS

STANDARD



LJ-3270
LJ-3274
LJ-3275
LJ-3278



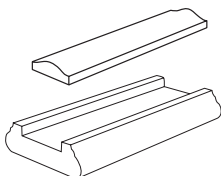
LJ-3513PT

NEWEL POSTS	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
UTILITY NEWELS				
LJ-3270	27" (686 mm)	15" (381 mm)	3" (76 mm)	43" (1092 mm)
LJ-3274	27" (686 mm)	22" (559 mm)	3" (76 mm)	50" (1270 mm)
INTERMEDIATE LANDING NEWELS				
LJ-3275	27" (686 mm)	30" (762 mm)	3" (76 mm)	58" (1473 mm)
LJ-3278	27" (686 mm)	45" (1143 mm)	3" (76 mm)	73" (1854 mm)
RAKE NEWEL				
LJ-3513PT	27 13/16" (706 mm)	20 3/16" (513 mm)	3" (76 mm)	48" (1219 mm)



Pictured: LJ-5200 Balusters, LJ-3270 Series Newel Posts, LJ-6010 Handrail

FILLET & SHOERAIL



LJ-6050	HEIGHT	WIDTH
	3/8" (10 mm)	1 1/4" (32 mm)

LJ-6045	HEIGHT	WIDTH	PLOW WIDTH
	3/4" (19 mm)	2 1/2" (64 mm)	1 1/4" (32mm)

BALUSTER NOTE:

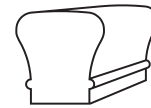
"LJ-" series wood balusters are pre-drilled with a 9/32"(7 mm) diameter hole at least 3"(76 mm) deep in which a pin ("Pin E-Z") is loosely inserted. Every baluster can then be installed in the traditional manner, or by using the Dowel-Fast™ screws as shown on page 97 (sold separately).



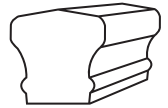
PIN TOP BALUSTER & NON-PLOWED HANDRAILS



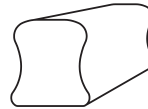
LJ-5200



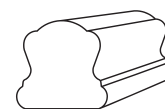
LJ-6010



LJ-6601



LJ-6A10



LJ-6B10



684

BALUSTER	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
LJ-5200-34	27" (686 mm)	7" (178 mm)	1 1/4" (32 mm)	34" (864 mm)
LJ-5200-38	27" (686 mm)	11" (279 mm)	1 1/4" (32 mm)	38" (965 mm)
LJ-5200-42	27" (686 mm)	15" (381 mm)	1 1/4" (32 mm)	42" (1067 mm)

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH
LJ-6010	2 3/8" (60 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)
LJ-6601	2 1/4" (57mm)	2 1/4" (57mm)	1 1/2" (38 mm)
LJ-6A10	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54 mm)
LJ-6B10	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)
684	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)

SQUARE TOP BALUSTER & PLOWED HANDRAILS



LJ-5004



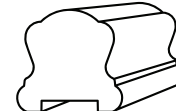
LJ-6010P



LJ-6601P



LJ-6A10P0



LJ-6B10P0



684P0

BALUSTER	TOP BLOCK	TURNING LENGTH	BOTTOM BLOCK	SQUARE SIZE	OVERALL LENGTH
LJ-5004ND-31*	5 7/8" (149 mm)	16 5/8" (422 mm)	8 1/2" (216 mm)	1 1/4" (32 mm)	31" (787 mm)
LJ-5004-34	7" (178 mm)	20" (508 mm)	7" (178 mm)	1 1/4" (32 mm)	34" (864 mm)
LJ-5004-38	7" (178 mm)	20" (508 mm)	11" (279 mm)	1 1/4" (32 mm)	38" (965 mm)
LJ-5004-42	7" (178 mm)	20" (508 mm)	15" (381 mm)	1 1/4" (32 mm)	42" (1067 mm)

HANDRAIL	HEIGHT	PROFILE WIDTH	BOTTOM WIDTH	PLOW WIDTH
LJ-6010P	2 3/8" (60 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)	1 1/4" (32 mm)
LJ-6601P	2 1/4" (57 mm)	2 1/4" (57 mm)	1 1/2" (38 mm)	1 1/4" (32 mm)
LJ-6A10P0	2 3/8" (60 mm)	2" (51 mm)	2 1/8" (54mm)	1 1/4" (32 mm)
LJ-6B10P0	2 5/16" (59 mm)	2" (51 mm)	2 3/8" (60 mm)	1 1/4" (32 mm)
684P0	1 5/8" (41 mm)	2 5/8" (67 mm)	2" (51 mm)	1 1/4" (32 mm)

*This baluster is for kneewall stairways only. It is NOT predrilled and does NOT include the Pin EZ.



IRON BALUSTERS

POST TO POST / OVER THE POST

Pictured: LIH-HOL166344 and LIH-HOLPLA44 Iron Balusters, LJ-6210 Handrail



Pictured: LIH-HOL166144 and LIH-HOL166244 Iron Balusters, LJP-4591 Box Newels, LJ-6210 Handrail.



Pictured: LIH-HOLPLA44 Iron Balusters, LIH-NWLPLA48 Newel Posts, LJ-6210 Handrail





IRON BALUSTER *collections*

L.J. SMITH'S ORNAMENTAL IRON COLLECTION OFFERS AN EXTENSIVE ASSORTMENT OF POPULAR STYLES. Our balusters are constructed from "mild" steel, making them very durable and much stronger than wrought iron versions. Each and every baluster is hand made, which means no two are exactly alike. The slight variations in the details add exceptional character to any stairway. The finishes on our iron products may vary and all components are for interior use only.

BALUSTER OPTIONS



Solid
Square



Hollow
Square



Hollow
Round

FINISH OPTIONS



Matte Nickel
(MN)



Low Sheen Black
(LSB)



Oil Rubbed Bronze
(ORB)



Oil Rubbed Copper
(ORC)



Antique Bronze
(ABZ)



Silver Vein
(SV)

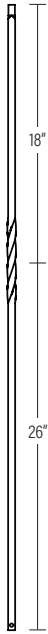
NOTE: Finishes may vary



HORIZON *collection*



1/2" SQUARE



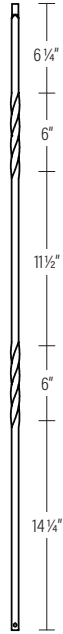
LI-1TW44

LIH-HOL1TW44



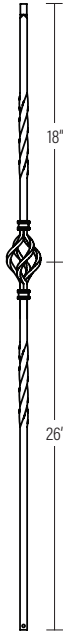
LI-2TW44

LIH-HOL2TW44



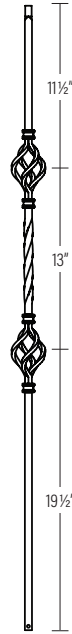
LIH-HOLDBLTW44*

*This baluster is designed to be used with 1BASK44.



LI-1BASK44

LIH-HOL1BASK44



LI-2BASK44

LIH-HOL2BASK44



LI-1KNUC44

LIH-HOL1KNUC44



LI-2KNUC44

LIH-HOL2KNUC44



LI-PLA44

LIH-HOLPLA44

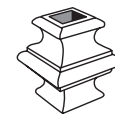
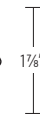
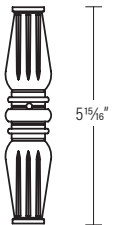
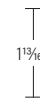
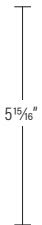
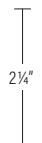
ITEM	LOW SHEEN BLACK (LSB)	MATTE NICKEL (MN)	SILVER VEIN (SV)	ANTIQUE BRONZE (ABZ)	OIL RUBBED COPPER (ORC)	OIL RUBBED BRONZE (ORB)
LI-1TW44	■					
LIH-HOL1TW44	□	□	□	□	□	□
LI-2TW44	■					
LIH-HOL2TW44	□		□	□	□	□
LIH-HOLDBLTW44	□	□			□	□
LI-1BASK44	■					
LIH-HOL1BASK44	□	□	□	□	□	□
LI-2BASK44	■					
LIH-HOL2BASK44	□	□	□	□	□	□
LI-1KNUC44	■					
LIH-HOL1KNUC44	□	□			□	□
2KNUC44	■					
LIH-HOL2KNUC44	□	□			□	□
LI-PLA44	■					
LIH-HOLPLA44	□	□	□	□	□	□

Adjustable Knuckles

ITEM	LOW SHEEN BLACK (LSB)	MATTE NICKEL (MN)	OIL RUBBED COPPER (ORC)	OIL RUBBED BRONZE (ORB)
LI-ALAK01	✓	✓	✓	✓
LI-ALAK02	✓		✓	✓
LI-ALAK03	✓	✓	✓	✓
LI-ALAK04	✓		✓	✓
LI-ALAK05	✓			✓

ADJUSTABLE KNUCKLES

Generally used with PLA44

LI-ALAK01
AluminumLI-ALAK02
AluminumLI-ALAK03
AluminumLI-ALAK04
AluminumLI-ALAK05
Aluminum

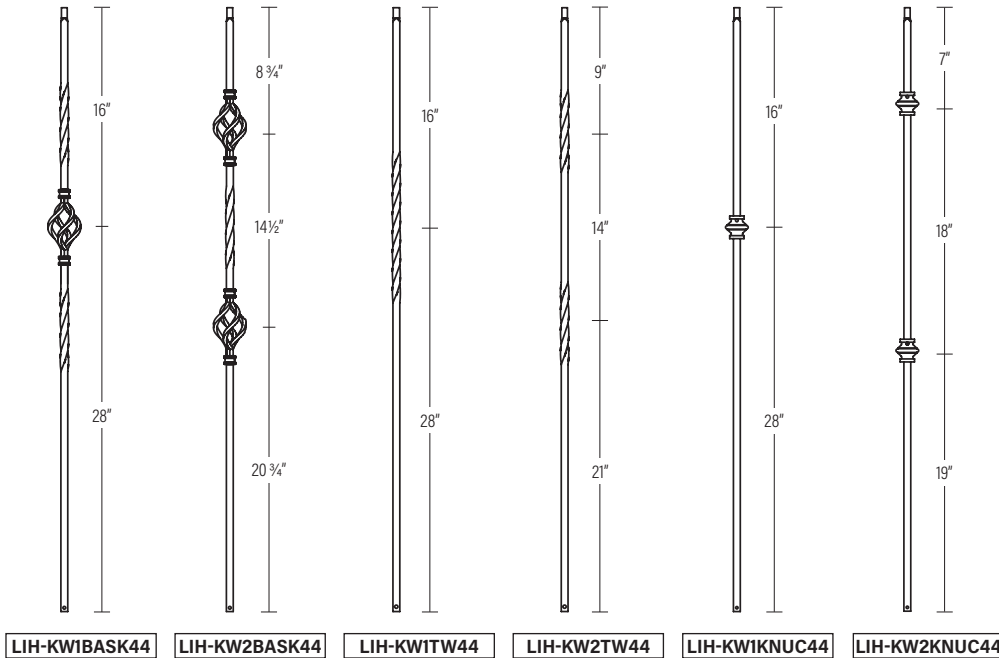


KNEEWALL STAIR BALUSTERS

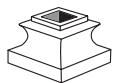
The measurement from the top of the baluster to the middle of the center detail is 16" for each style.
Each style is 1/2" hollow square and comes in **Low Sheen Black (LSB)** and **Oil Rubbed Copper (ORC)**.



Pictured: LIH-HOLPLA44 and LIH-KW1KNUC44
Kneewall Iron Balusters, LI-PROKNE IronPro Kits,
LJ-4040 Newel Post, LJ-6010 Handrail



ITEM	LOW SHEEN BLACK (LSB)	OIL RUBBED BRONZE (ORB)
LIH-KWIBASK44	☐	☐
LIH-KW2BASK44	☐	☐
LIH-KWITW44	☐	☐
LIH-KW2TW44	☐	☐
LIH-KW1KNUC44	☐	☐
LIH-KW2KNUC44	☐	☐



LI-ALFSH01
No Set Screw
Aluminum



LI-M06
With Set Screw
Iron



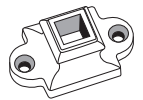
LI-ALM06
With Set Screw
Aluminum



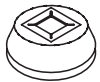
LI-PSH02
With Set Screw
Iron



LI-ALPSH02
With Set Screw
Aluminum



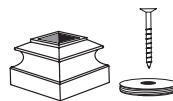
LI-ALSCR05
Screw Down
Aluminum



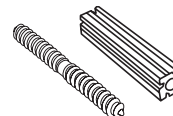
LI-ALRD201
No Set Screw
Aluminum



LI-ALSQ301
No Set Screw
Aluminum



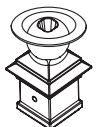
LI-PROCOL
With Threaded Disc
Aluminum



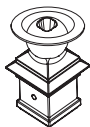
LIH-HOLINSERTW/SCREW
Concealed Installation Kit for
Open Stairs & Level Runs



LIH-HOL1/2CONCEAL
Concealed Fastener for Open Stairs,
Kneewall Stairs & Level Runs
PATENT US11828068



LI-PROLVL
Aluminum/Iron



LI-PROKNE
Aluminum/Iron

See page 76 for details on IronPro

ITEM	LOW SHEEN BLACK (LSB)	MATTE NICKEL (MN)	SILVER VEIN (SV)	ANTIQUE BRONZE (ABZ)	OIL RUBBED COPPER (ORC)	OIL RUBBED BRONZE (ORB)
LI-ALFSH01	✓				✓	✓
LI-M06	✓					
LI-ALM06	✓	✓	✓	✓	✓	✓
LI-PSH02	✓					
LI-ALPSH02	✓	✓	✓	✓	✓	✓
LI-ALSCR05	✓				✓	✓
LI-ALRD201	✓				✓	✓
LI-ALSQ301	✓				✓	✓
LI-PROCOL	✓				✓	✓
LI-PROLVL	✓					
LI-PROKNE	✓					



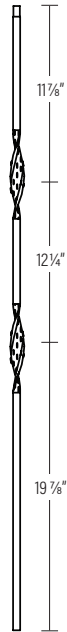
RIBBON *collection*



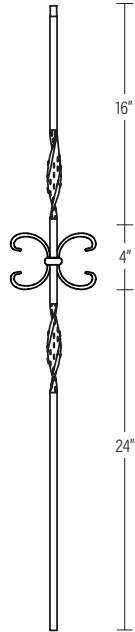
1/2" SQUARE



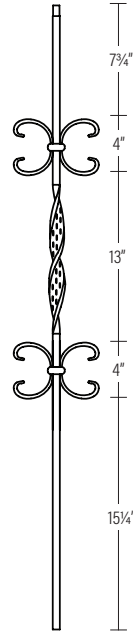
LIH-HOL1RIB44



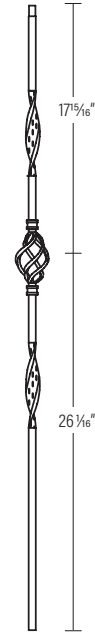
LIH-HOL2RIB44



LIH-HOL19044



LIH-HOL20044

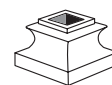


LIH-HOL8044

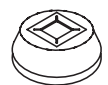


LIH-HOL8544

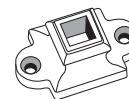
ITEM	LOW SHEEN BLACK (LSB)
LIH- HOL1RIB44	☐
LIH- HOL2RIB44	☐
LIH- HOL19044	☐
LIH- HOL20044	☐
LIH- HOL8044	☐
LIH- HOL8544	☐



LI-ALFSH01

No Set Screw
Aluminum

LI-ALRD201

No Set Screw
Aluminum

LI-ALSCR05

Screw Down
Aluminum

LI-ALSQ301

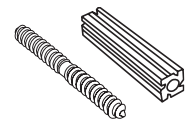
No Set Screw
Aluminum

Shoes and Fasteners

ITEM	LOW SHEEN BLACK (LSB)	OIL RUBBED COPPER (ORC)	OIL RUBBED BRONZE (ORB)
LI-ALFSH01	✓	✓	✓
LI-ALSCR05	✓	✓	✓
LI-ALRD201	✓	✓	✓
LI-ALSQ301	✓	✓	✓



LIH-HOL1/2CONCEAL
Concealed Fastener for Open Stairs,
Kneewall Stairs & Level Runs
PATENT US11828068



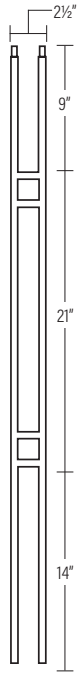
LIH-HOLINSERTW/SCREW
Concealed Installation Kit for
Open Stairs & Level Runs

Shoes on these two pages are compatible with this baluster collection.

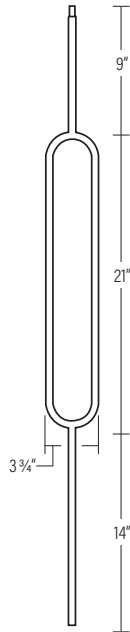


CONTEMPOcollection

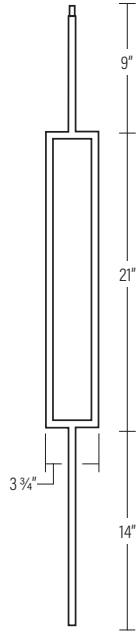
1/2" SQUARE



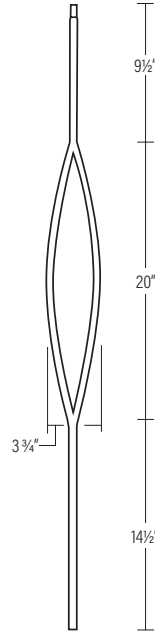
LIH-HOL166144



LIH-HOL166244



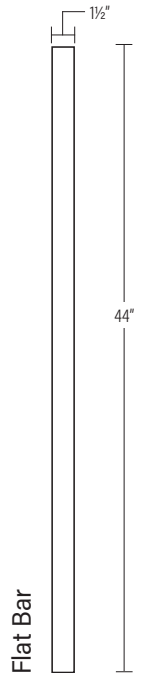
LIH-HOL166344



LIH-HOL166744



LIH-HOLPLA44



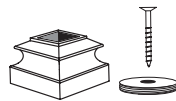
LIH-HOL166444



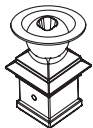
LI-ALM06
With Set Screw
Aluminum



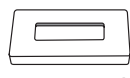
LI-ALPSH02
With Set Screw
Aluminum



LI-PROCOL
With Threaded Disc
Aluminum



LI-ALSQPL1
Level Flat Shoe
Aluminum



LI-ALRCPL1 †
Level Flat Shoe
Aluminum



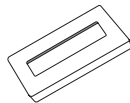
LI-PROLVL
Aluminum/Iron
See page 76 for details on IronPro



LI-PROKNE
Aluminum/Iron



LI-ALSQPL2 ‡
Rake Flat Shoe
Aluminum



LI-ALRCPL2 ‡ †
Rake Flat Shoe
Aluminum

ITEM	LOW SHEEN BLACK (LSB)	MATTE NICKEL (MN)	OIL RUBBED COPPER (ORC)	OIL RUBBED BRONZE (ORB)
LIH-HOL 166144	☐	☐		
LIH-HOL 166244	☐	☐		
LIH-HOL 166344	☐	☐		
LIH-HOL 166444	☐	☐	☐	
LIH-HOL 166744	☐			
LIH-HOLPLA44	☐	☐	☐	☐

Shoes & Fasteners

ITEM	LOW SHEEN BLACK (LSB)	MATTE NICKEL (MN)	OIL RUBBED COPPER (ORC)	OIL RUBBED BRONZE (ORB)
LI-ALM06	✓	✓	✓	✓
LI-ALPSH02	✓	✓	✓	✓
LI-PROCOL	✓		✓	✓
LI-PROLVL	✓			
LI-PROKNE	✓			
LI-ALSQPL1	✓	✓	✓	✓
LI-ALSQPL2	✓	✓	✓	✓
LI-ALRCPL1	✓	✓	✓	
LI-ALRCPL2	✓	✓	✓	

Shoes on these two pages are compatible with this baluster collection (exception below).

† LI-ALRCPL1 & LI-ALRCPL2 are compatible with LIH-HOL166444 iron balusters.

‡ Accommodates stairs up to 37° ascent.



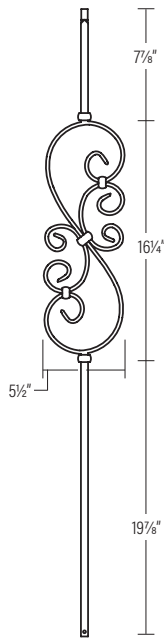
FINESSE *collection*



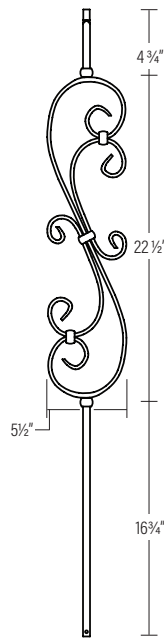
1/2" SQUARE

KNEEWALL STAIR BALUSTERS

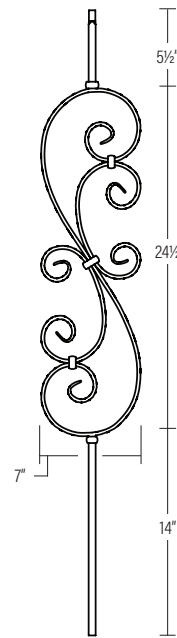
The measurement from the top of the baluster to the middle of the center detail is 16" for each style. Each style is 1/2" hollow square and comes in **Low Sheen Black (LSB)** and **Oil Rubbed Copper (ORC)**.



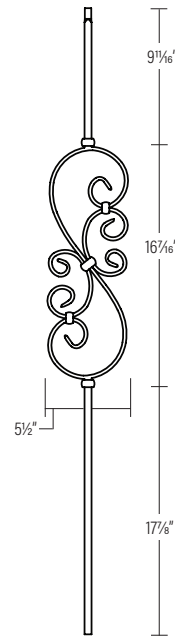
LIH-KW50144



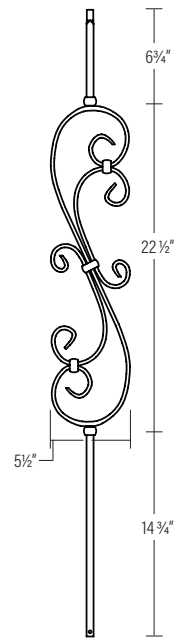
LIH-KW60144



LIH-HOL30144

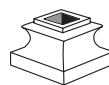


LIH-HOL50144



LIH-HOL60144

ITEM	LOW SHEEN BLACK (LSB)	OIL RUBBED COPPER (ORC)	OIL RUBBED BRONZE (ORB)
LIH-KW50144	☐	☐	
LIH-KW60144	☐	☐	
LIH-HOL30144	☐	☐	☐
LIH-HOL50144	☐	☐	☐
LIH-HOL60144	☐	☐	



LI-ALFSH01

No Set Screw
Aluminum

LI-ALM06

With Set Screw
Aluminum

LI-ALPSH02

With Set Screw
Aluminum

LI-ALSCR05

Screw Down
Aluminum

LI-ALRD201

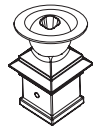
No Set Screw
Aluminum

LI-ALSQ301

No Set Screw
Aluminum

LI-PROLVL

Aluminum/Iron

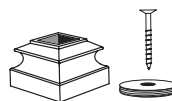


LI-PROKNE

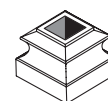
Aluminum/Iron

Shoes and Fasteners

ITEM	LOW SHEEN BLACK (LSB)	OIL RUBBED COPPER (ORC)	OIL RUBBED BRONZE (ORB)
LI-ALFSH01	✓	✓	✓
LI-ALM06	✓	✓	✓
LI-ALPSH02	✓	✓	✓
LI-ALSCR05	✓	✓	✓
LI-ALRD201	✓	✓	✓
LI-ALSQ301	✓	✓	✓
LI-PROCOL	✓	✓	✓
LI-PROLVL	✓		
LI-PROKNE	✓		

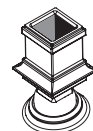


LI-PROCOL

With Threaded Disc
AluminumLIH-HOL1/2CONCEAL
Concealed Fastener for Open Stairs,
Kneewall Stairs & Level Runs
PATENT US11828068

LI-PROLVL

Aluminum/Iron



LI-PROKNE

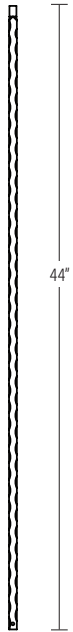
Aluminum/Iron

See page 76 for details on IronPro



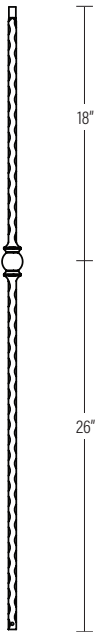
PUMMEL *collection*

 1/2" SQUARE - HAMMERED EDGE



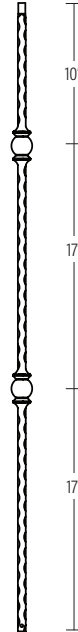
LIH-KW9044

Hammered Edge



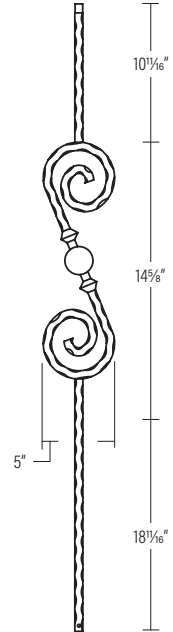
LIH-HOL30544

Hammered Edge



LIH-HOL30844

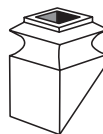
Hammered Edge



LIH-HOL31044

Hammered Edge

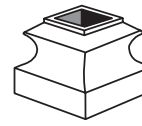
ITEM	LOW SHEEN BLACK (LSB)	OIL RUBBED BRONZE (ORB)
LIH-KW9044	☐	☐
LIH-HOL30544	☐	☐
LIH-HOL30844	☐	☐
LIH-HOL31044	☐	☐



LI-ALH05P

With Set Screw
Aluminum

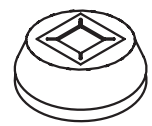
(For 1/2" Hammered Balusters only)



LI-ALH06

With Set Screw
Aluminum

(For 1/2" Hammered Balusters only)



LI-ALRD201

No Set Screw
Aluminum

Shoes & Fasteners

ITEM	LOW SHEEN BLACK (LSB)	OIL RUBBED BRONZE (ORB)
LI-ALH05P	✓	✓
LI-ALH06	✓	✓
LI-ALRD201	✓	✓
LI-ALSQ301	✓	✓



LIH-HOL1/2CONCEAL

Concealed Fastener for Open Stairs,
Kneewall Stairs & Level Runs
PATENT US11828068



LI-ALSQ301

No Set Screw
Aluminum



CAMELOT^{collection}

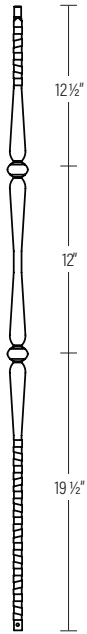


1/2" SQUARE - HAMMERED FACE



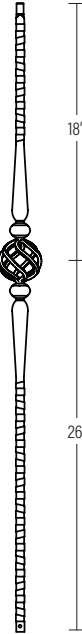
LIH-HOL14044

Hammered Face



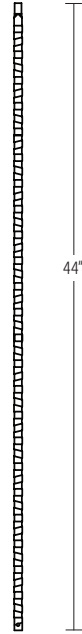
LIH-HOL15044

Hammered Face



LIH-HOL16044

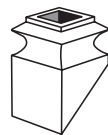
Hammered Face



LIH-HOL14344

Hammered Face

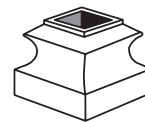
ITEM	LOW SHEEN BLACK (LSB)	OIL RUBBED COPPER (ORC)	OIL RUBBED BRONZE (ORB)
LIH-HOL14044	☐	☐	☐
LIH-HOL15044	☐	☐	☐
LIH-HOL16044	☐	☐	☐
LIH-HOL14344	☐	☐	☐



LI-ALH05P

With Set Screw
Aluminum

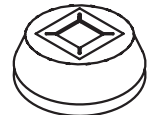
(For 1/2" Hammered Balusters only)



LI-ALH06

With Set Screw
Aluminum

(For 1/2" Hammered Balusters only)



LI-ALRD201

No Set Screw
Aluminum

Shoes and Fasteners

ITEM	LOW SHEEN BLACK (LSB)	OIL RUBBED COPPER (ORC)	OIL RUBBED BRONZE (ORB)
LI-ALH05P	✓	✓	✓
LI-ALH06	✓	✓	✓
LI-ALRD201	✓	✓	✓
LI-ALSQ301	✓	✓	✓



LIH-HOL1/2CONCEAL

Concealed Fastener for Open Stairs,
Kneewall Stairs & Level Runs

PATENT US11828068



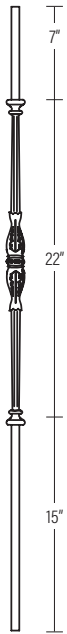
LI-ALSQ301

No Set Screw
Aluminum



ESPRESSO *collection*

○ 5/8" ROUND



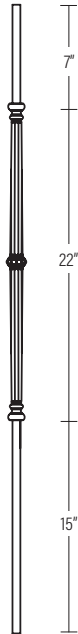
LIH-HOL65044



LIH-HOL65144



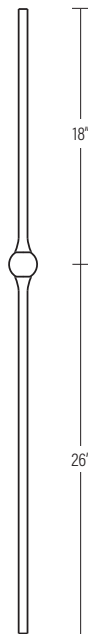
LIH-HOL65244



LIH-HOL65344

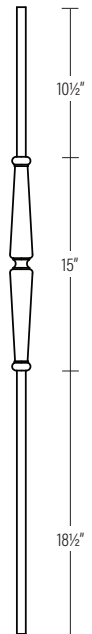


LIH-HOL65544



LIH-HOL65744A

Acrylic Orb

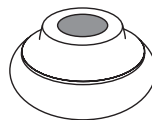


LIH-HOL65944

ITEM	LOW SHEEN BLACK (LSB)	OIL RUBBED COPPER (ORC)	OIL RUBBED BRONZE (ORB)	STAINLESS STEEL (SS)	BRASS FINISH (BRS)
LIH-HOL65044	○	○	○		
LIH-HOL65144	○	○	○	○	○
LIH-HOL65244	○	○	○		
LIH-HOL65344	○	○	○		
LIH-HOL65544	○				
LIH-HOL65744A	○				
LIH-HOL65944	○				

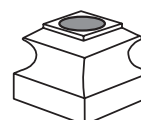
Shoes

ITEM	LOW SHEEN BLACK (LSB)	OIL RUBBED COPPER (ORC)	OIL RUBBED BRONZE (ORB)
LI-ALR010	✓	✓	✓
LI-ALR06	✓		
LI-ALR05P	✓		



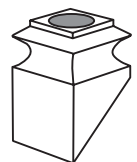
LI-ALR010

No Set Screw
Aluminum



LI-ALR06

With Set Screw
Aluminum



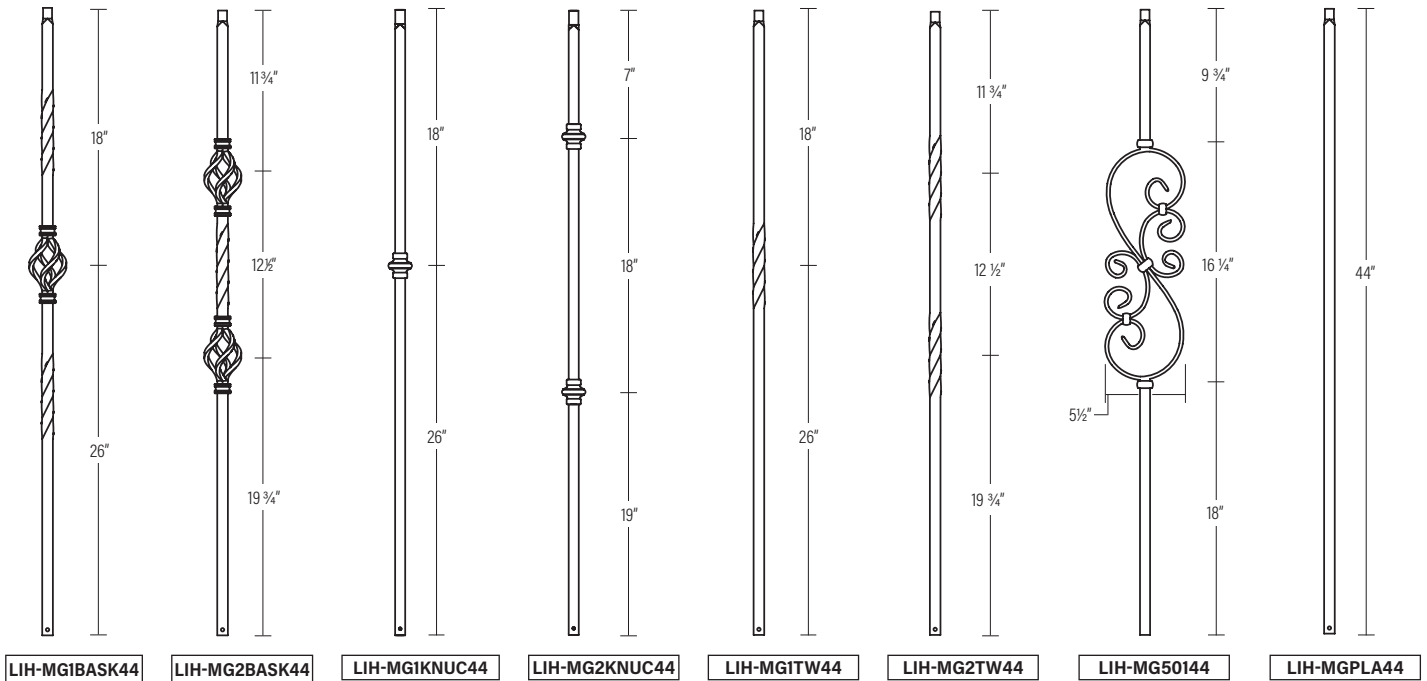
LI-ALR05P

With Set Screw
Aluminum

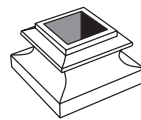


MEGAcollection

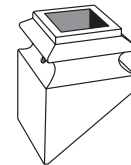
 3/4" SQUARE



ITEM	LOW SHEEN BLACK (LSB)	OIL RUBBED COPPER (ORC)
LIH-MG1BASK44	☐	☐
LIH-MG2BASK44	☐	☐
LIH-MG1KNUC44	☐	☐
LIH-MG2KNUC44	☐	☐
LIH-MG1TW44	☐	☐
LIH-MG2TW44	☐	☐
LIH-MG50144	☐	☐
LIH-MGPLA44	☐	☐



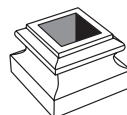
LI-ALMGFSH08
No Set Screw
Aluminum



LI-ALMGPSH08
With Set Screw
Aluminum

Shoes and Fastener

ITEM	LOW SHEEN BLACK (LSB)	OIL RUBBED COPPER (ORC)
LI-ALMGFSH08	✓	✓
LI-ALMGPM08	✓	✓
LI-ALMGPSH08	✓	✓



LI-ALMGPM08
With Set Screw
Aluminum

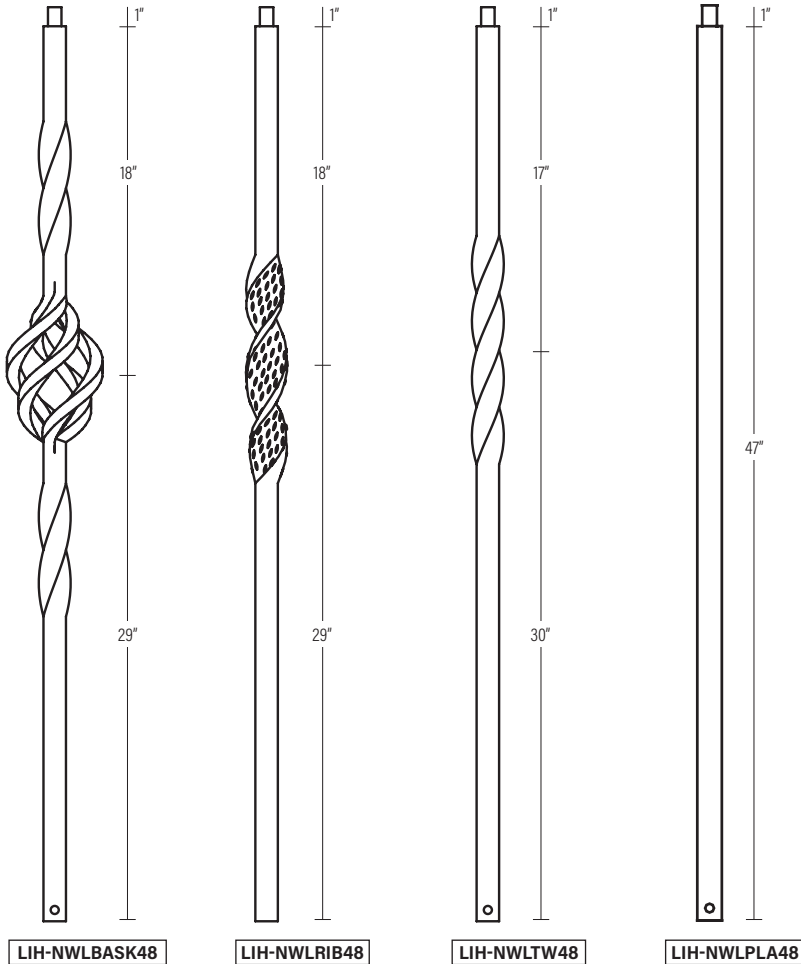


LIH-HOL3/4CONCEAL
Concealed Fastener for Open Stairs,
Kneewall Stairs & Level Runs
PATENT US11828068



NEWELS*collection*

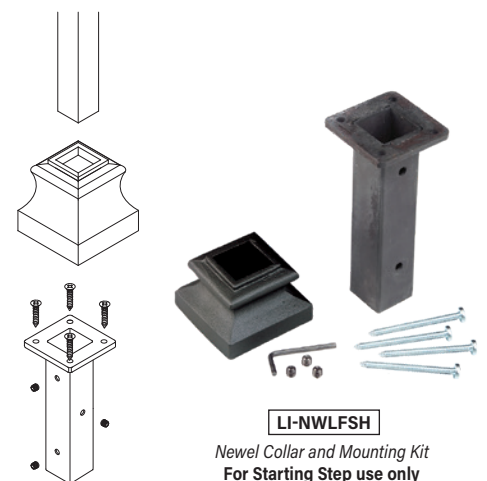
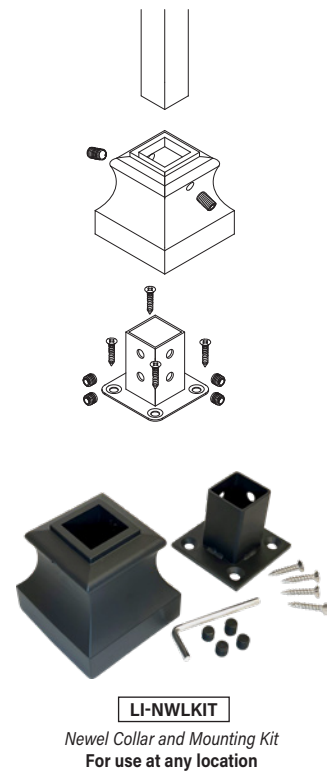
 1 ³/₁₆" SQUARE



ITEM	LOW SHEEN BLACK (LSB)
LIH-NWLBASK48	☐
LIH-NWLRIB48	☐
LIH-NWLTW48	☐
LIH-NWLPLA48	☐

Collar and Mount Kits

ITEM	LOW SHEEN BLACK (LSB)
LI-NWLFSH	✓
LI-NWLKIT	✓





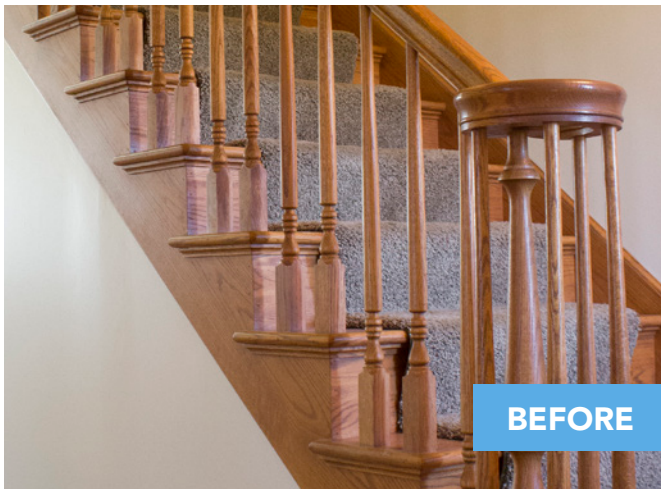
IRON BALUSTERS

POST TO POST / OVER THE POST

*IronPro*TM
Pat. 8,356,803

EASILY REPLACE
WOOD BALUSTERS
WITH **IRON BALUSTERS***

Enjoy a beautiful iron balustrade that installs in 1/3 of the time of a typical installation. IronPro is screwed into any angle handrail and kneewall (up to 45°) or treads utilizing high quality, self-drilling screws or bolts. **NOTE: For use with 1/2" balusters only (non-hammered).**



BEFORE



AFTER

COMPONENT KITS

Open Tread Stairway



Includes a Ball Adaptor, Round and Rectangular Sockets, Base Collar and Threaded Disc, Centering Plugs.

One kit per baluster is required.

LI-PROVLV

Knee Wall Stairway



Includes a Ball Adaptor, Threaded Ball Adaptor, Round and Rectangular Sockets, Centering Plugs.

One kit per baluster is required.

LI-PROKNE

Note: Either kit above can be used for level sections

Scan for
IronPro
product
video



Scan to
download
IronPro
Installation
Guides



ljsmith.com/installation-guides

OPTIONAL PRODUCTS

Universal Cover Plate

Use with each 1/4" or 1/4" wood baluster replacement on open treads or level sections when using the Base Collar & Threaded Disc, or on a kneewall when using the Round Socket.

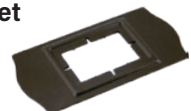


1 7/8" x 2 13/16"

LI-PROPLT1

Rectangular Socket Cover Plate

Use with each 1/4" or 1/4" wood baluster replacement on a knee wall when using the Rectangular Socket.



1 7/8" x 3 13/16"

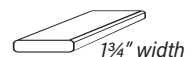
LI-PROPLT2

Fillet Use with handrail or shoerail when the space between balusters changes



1/4" width

LJ-6000F



1/4" width

LJ-6007

IRON BALUSTER INSTALLATION

EPOXY ADHESIVE KITS



Contractor Epoxy Adhesive

Includes 28 oz. Adhesive Cartridge and nozzle for use in LI-3702 Contractor Injector Tool. Open work time is 18 minutes. Fills approximately 122 holes depending on hole size. Includes mixing nozzle. Use with LI-3702 Contractor Injector Tool.

LI-3701



Contractor Injector Tool

LI-3702



Contractor Epoxy Adhesive Mixing Nozzle

LI-3703



Job-Lot Kit

Includes 9.5 oz. Adhesive Cartridge and nozzle for use in standard caulking guns. (Open work time is 5 minutes. Fills approximately 70 holes depending on hole size.) Use with standard caulk gun.

LI-3707



Extra Nozzle for LI-3707

LI-3706

NON-SAG ADHESIVES

As an alternative to our epoxy products, these adhesives offer excellent adhesion to virtually any material and perform exceedingly well as a substitute for traditional adhesives.



Non-Sag Adhesive

This non-sag adhesive is a flexible and highly versatile rubber-based compound that exhibits exceptional adhesive contact and sealant qualities. It is perfect for vertical or overhead use such as drilled holes on the underside of handrail for iron baluster installation. The tack time is approximately 4 minutes with a full cure time of 24-72 hours, depending upon amount used, temperature and humidity. Use with a standard caulk gun cartridge. Fills approximately 110 holes depending on hole size. 10.2 Oz Clear Adhesive. Dries clear.

6100E-10AD



Extreme Environmentally Friendly Adhesive

This adhesive is a high performance polyether moisture cure technology that is 100% solids, solvent free and less than 2% VOC. Extreme is odor-free making it very safe to use indoors or in confined spaces. It is engineered for strong adhesion to virtually any substrate and suitable for vertical or overhead applications making it perfect for use in drilled holes on the underside of handrail for iron baluster installation. The tack time is approximately 35 minutes with a full cure time of 3 to 7 days depending upon amount used, temperature and humidity. Use with a standard caulk gun cartridge. Fills approximately 110 holes depending on hole size. 10.1 Oz White Adhesive. Dries white.

EGEXTREME-10AD

TOUCH-UP PENS

LI-PEN-ABZ	Antique Bronze *
LI-PEN-LSB	Low Sheen Black
LI-PEN-MN	Matte Nickel
LI-PEN-ORB	Oil Rubbed Bronze *
LI-PEN-ORC	Oil Rubbed Copper *
LI-PEN-SV	Silver Vein *



These pens are an easy and effective way to touch up a marred finish in the event that an iron baluster, newel or accessory gets chipped. Each sold separately. (Two pens are required for some finishes)

* To more closely match the powder coat on our iron stair parts with this finish, a Low Sheen Black pen will also be needed.



BY



L.J. Smith
stair systems

A NOVO Building Products Company

The Linear Collection showcases a stainless steel cable system, infills available in black or stainless steel tubes, and a black metal panel system. Each ready-to-install system boasts a sleek look with a modern, yet timeless aesthetic.

CABLE AND STEEL TUBE SYSTEMS

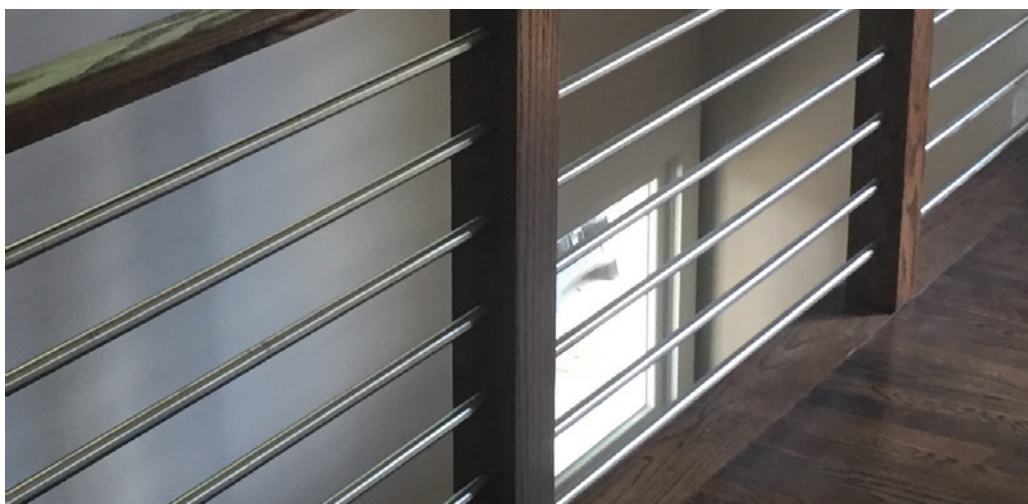
- Marine grade 316 stainless steel cable and hardware for interior or exterior use
- Sleek exclusive swageless cable fittings require no special tools for installation
- Wood and metal newels sized and predrilled saving hours and hours of installation time
- Black steel or 304 stainless hollow tube infill option available for interior applications
- Solid box treads for a total industrial modern design

BLACK METAL PANEL SYSTEMS

- Preassembled panels for simplified installation
- Open tread stairs, kneewall stairs and level runs
- Five rake panel widths accommodate most straight stair floor plans
- Twenty-one level run panels to meet three different rail heights
- Installation hardware included with panels and posts
- Boasts the welded look to complement most modern or urban decors
- Modern handrail design is code compliant



Pictured: Kneewall Stair Panels,
Level Run Panels, LJ-4101G
Newel Posts, Custom Handrail



Scan below to
view our entire
Linear Collection
catalog, or visit
[ljsmith.com/
catalogs-spec-sheets](https://ljsmith.com/catalogs-spec-sheets)





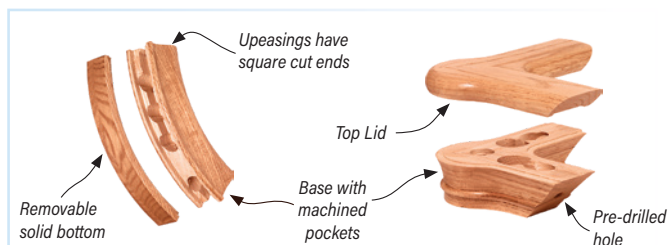
HANDRAIL *fittings*

L.J. Smith offers two types of handrail fittings: Traditional fittings that utilize rail bolts for installation and the patented Conect-A-Kit® fittings, which provide extensive flexibility and can be combined to create 26 different Landing Fitting Assemblies. Illustrations below show their use in common stairway applications and in constructing goosenecks.

Conect-A-Kit® fittings offer versatile functionality, allowing both left and right turns and enabling various fitting combinations. They ensure ease of assembly with joint connections made on top of the rail system, eliminating the need for rail bolts, while the included hardware enhances strength and connection stability.

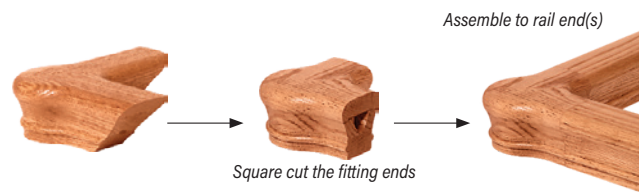
UNDERSTANDING CONECT-A-KIT®

What's Inside

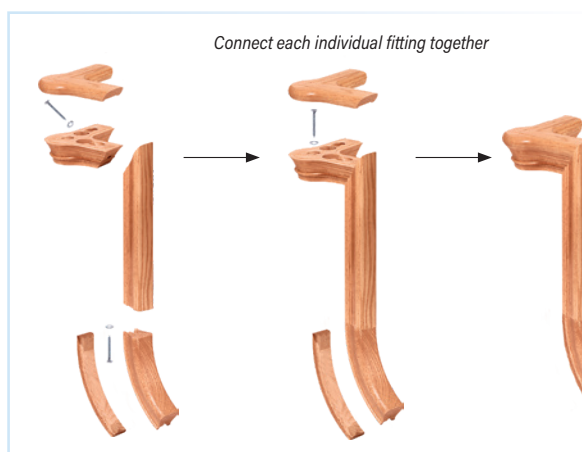


All of the Conect-A-Kit® fittings have a base with machined pockets and a removable top lid (or bottom) for easy installation. All assembly hardware is concealed within the base of each fitting.

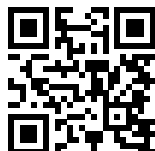
Fittings for Common Stairway Applications



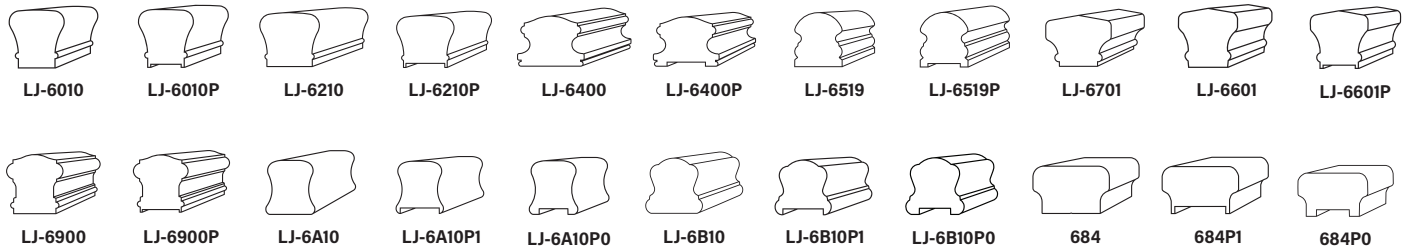
Fittings for Building Landing Fitting Assemblies (goosenecks)



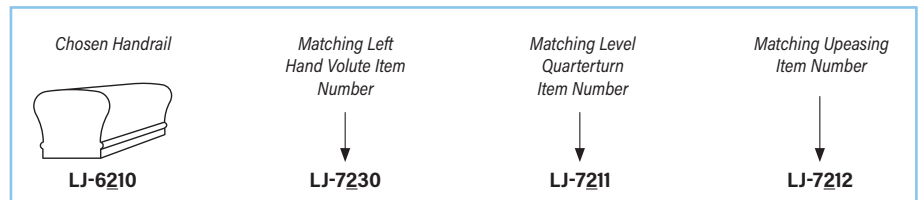
Fitting Installation



HANDRAILS AT A GLANCE

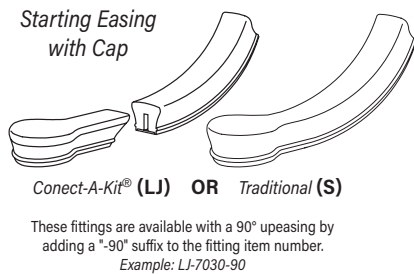


When ordering fittings to match the chosen handrail, the second digit indicates the matching profile. To the right is an example of how easy it is to order our handrail fittings. When the handrail chosen is plowed, designate a plowed fitting with a "P" suffix. Fillet is included with each plowed fitting.



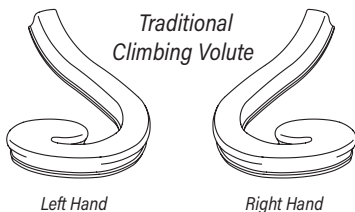
Conect-A-Kit® Starting Easings with Cap, Standard Volutes and Turnouts are packaged as two pieces unassembled while our traditional fittings are assembled as one piece. A template is included with each Volute and Turnout. Handing is determined by standing at the bottom of the stairs looking up the flight.

Note: some fittings are available plowed 1¼" or 1¾" and some are not available plowed at all. Refer to the item numbers listed below each fitting throughout this section of the catalog.



ITEM	USE WITH
LJ or S -7010 (P)	LJ-6010
-7210 (P)	LJ-6210
-7410 (P)	LJ-6400
-7510 (P)	LJ-6519
-7610 (P)	LJ-6601
-7710 (P)	LJ-6701
-7910 (P)	LJ-6900
-7A10 (P)	LJ-6A10
-7B10 (P)	LJ-6B10

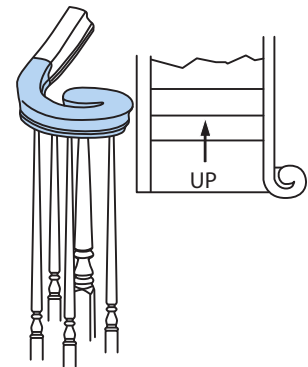
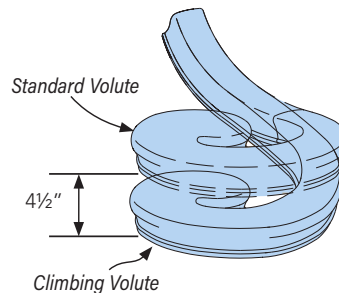
ITEM	USE WITH
LJ-7038	LJ-6010
LJ-7238	LJ-6210
LJ-7438	LJ-6400
LJ-7538	LJ-6519
LJ-7638	LJ-6601
LJ-7738	LJ-6701
LJ-7938	LJ-6900
LJ-7A38	LJ-6A10
LJ-7B38	LJ-6B10



Left Hand

Right Hand

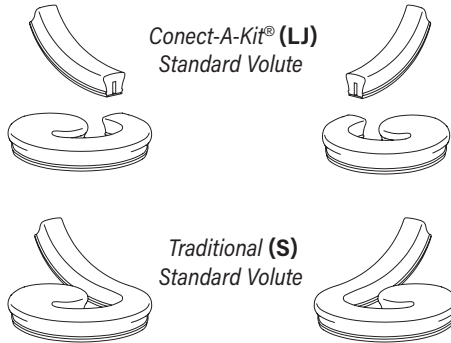
LJ-7031	LJ-7036	LJ-6010
LJ-7231	LJ-7236	LJ-6210
LJ-7431	LJ-7436	LJ-6400
LJ-7531	LJ-7536	LJ-6519
LJ-7631	LJ-7636	LJ-6601
LJ-7731	LJ-7736	LJ-6701
LJ-7931	LJ-7936	LJ-6900
LJ-7A31	LJ-7A36	LJ-6A10
LJ-7B31	LJ-7B36	LJ-6B10



When using a Climbing Volute, the newel height at the volute will be approximately 4½" lower than what is produced with a standard volute. This dimension will vary with the rise and run of the stairway.



Fittings on this page are available with a 90° upseasing by adding a -90 suffix to the fitting item number. Example: LJ-7030-90



LEFT HAND LJ or S-7030 (P)

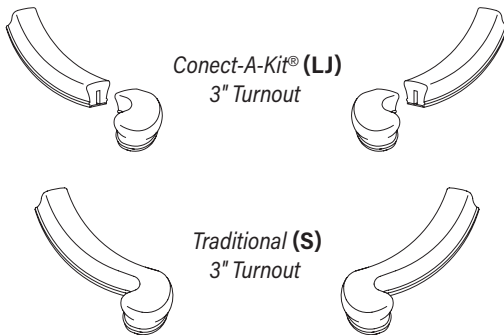
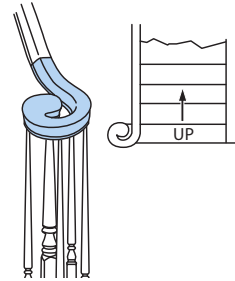
-7230 (P)
-7430 (P)
-7530 (P)
-7630 (P)
-7730 (P)
-7930 (P)
-7A30 (P)
-7B30 (P)

RIGHT HAND LJ or S-7035 (P)

-7235 (P)
-7435 (P)
-7535 (P)
-7635 (P)
-7735 (P)
-7935 (P)
-7A35 (P)
-7B35 (P)

USE WITH

LJ-6010
LJ-6210
LJ-6400
LJ-6519
LJ-6601
LJ-6701
LJ-6900
LJ-6A10
LJ-6B10



LEFT HAND LJ or S-7041 (P)

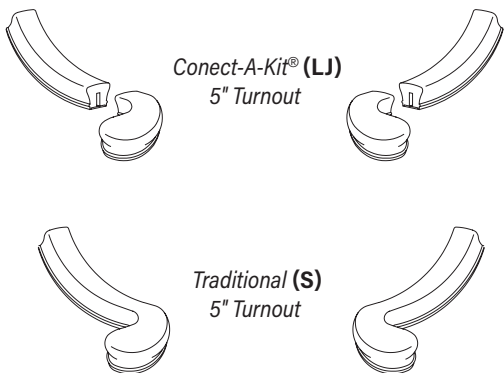
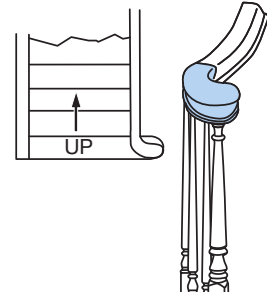
-7241 (P)
-7441 (P)
-7541 (P)
-7641 (P)
-7741 (P)
-7941 (P)
-7A41 (P)
-7B41 (P)

RIGHT HAND LJ or S-7046 (P)

-7246 (P)
-7446 (P)
-7546 (P)
-7646 (P)
-7746 (P)
-7946 (P)
-7A46 (P)
-7B46 (P)

USE WITH

LJ-6010
LJ-6210
LJ-6400
LJ-6519
LJ-6601
LJ-6701
LJ-6900
LJ-6A10
LJ-6B10



LEFT HAND LJ or S-7040 (P)

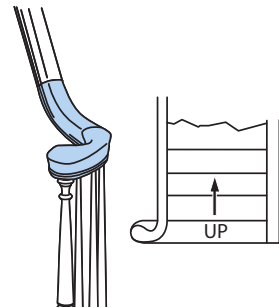
-7240 (P)
-7440 (P)
-7540 (P)
-7640 (P)
-7740 (P)
-7940 (P)
-7A40 (P)
-7B40 (P)

RIGHT HAND LJ or S-7045 (P)

-7245 (P)
-7445 (P)
-7545 (P)
-7645 (P)
-7745 (P)
-7945 (P)
-7A45 (P)
-7B45 (P)

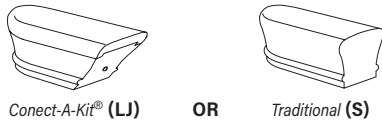
USE WITH

LJ-6010
LJ-6210
LJ-6400
LJ-6519
LJ-6601
LJ-6701
LJ-6900
LJ-6A10
LJ-6B10



The handrail fittings on this page and the next page are used for common stairway applications. Upeasings and Over Easings are used when the stairway rise changes. The Quarterturns are used when the rail changes direction. The Rail Drop is used to build Landing Fitting Assemblies (goosenecks). Use the "S" Shaped Fittings to continue the handrail around a partial wall.

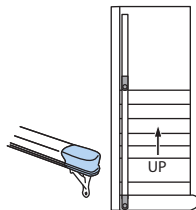
Returned End



Conect-A-Kit® (LJ) OR Traditional (S)

USE WITH

LJ or S-7009 LJ-6010
-7209 LJ-6210
-7409 LJ-6400
-7509 LJ-6519
-7609 LJ-6601
-7709 LJ-6701
-7909 LJ-6900
-7A09 LJ-6A10
-7B09 LJ-6B10



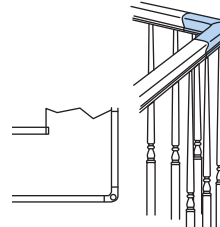
Level Quarterturn 90°



Conect-A-Kit® (LJ) OR Traditional (S)
Add "P" suffix for Plowed

USE WITH

LJ or S-7011 LJ-6010
-7211 LJ-6210
-7411 LJ-6400
-7511 LJ-6519
-7611 LJ-6601
-7711 LJ-6701
-7911 LJ-6900
-7A11 LJ-6A10
-7B11 LJ-6B10
784QTR 684



Level Quarterturn 135°



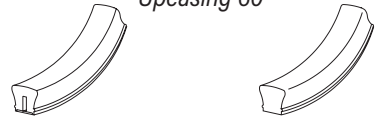
Conect-A-Kit® (LJ) OR Traditional (S)
Add "P" suffix for Plowed

USE WITH

LJ or S-7011-135 LJ-6010
-7211-135 LJ-6210
-7411-135 LJ-6400
-7511-135 LJ-6519
-7611-135 LJ-6601
-7711-135 LJ-6701
-7911-135 LJ-6900
-7A11-135 LJ-6A10
-7B11-135 LJ-6B10

Custom angles
also available.
Call your
supplier for
details.

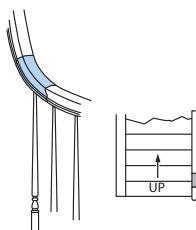
Upeasing 60°



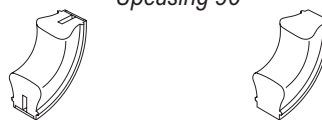
Conect-A-Kit® (LJ) OR Traditional (S)
Add "P" suffix for Plowed

USE WITH

LJ or S-7012 LJ-6010
-7212 LJ-6210
-7412 LJ-6400
-7512 LJ-6519
-7612 LJ-6601
-7712 LJ-6701
-7912 LJ-6900
-7A12 LJ-6A10
-7B12 LJ-6B10
784UE 684



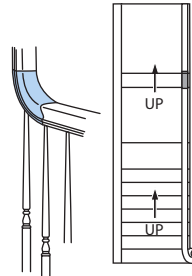
Upeasing 90°



Conect-A-Kit® (LJ) OR Traditional (S)
Add "P" suffix for Plowed

USE WITH

LJ or S-7014 LJ-6010
-7214 LJ-6210
-7414 LJ-6400
-7514 LJ-6519
-7614 LJ-6601
-7714 LJ-6701
-7914 LJ-6900
-7A14 LJ-6A10
-7B14 LJ-6B10



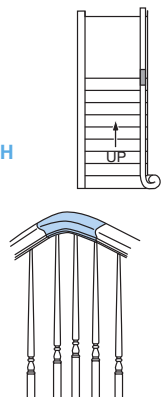
Over Easing 60°



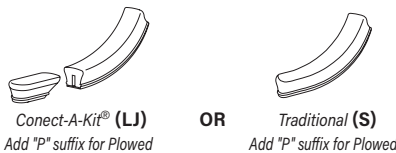
Traditional (S)
Add "P" suffix for Plowed

USE WITH

LJ-7013 LJ-6010
LJ-7213 LJ-6210
LJ-7413 LJ-6400
LJ-7513 LJ-6519
LJ-7613 LJ-6601
LJ-7713 LJ-6701
LJ-7913 LJ-6900
LJ-7A13 LJ-6A10
LJ-7B13 LJ-6B10
784OE 684



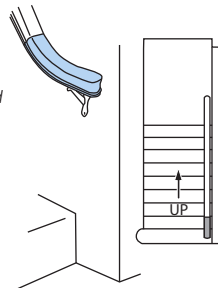
Starting Easing



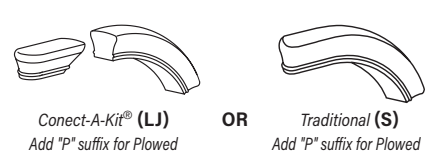
Conect-A-Kit® (LJ) OR Traditional (S)
Add "P" suffix for Plowed

USE WITH

LJ or S-7015 LJ-6010
-7215 LJ-6210
-7415 LJ-6400
-7515 LJ-6519
-7615 LJ-6601
-7715 LJ-6701
-7915 LJ-6900
-7A15 LJ-6A10
-7B15 LJ-6B10



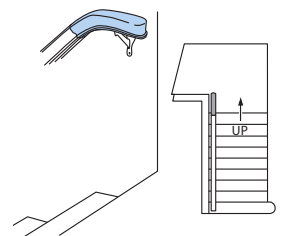
Starting Over Easing



Conect-A-Kit® (LJ) OR Traditional (S)
Add "P" suffix for Plowed

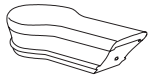
USE WITH

LJ or S-7016 LJ-6010
-7216 LJ-6210
-7416 LJ-6400
-7516 LJ-6519
-7616 LJ-6601
-7716 LJ-6701
-7916 LJ-6900
-7A16 LJ-6A10
-7B16 LJ-6B10

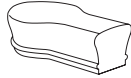




Opening Cap

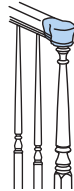
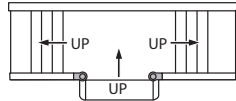


Conect-A-Kit® (LJ)



Traditional (S)

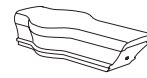
Add "P" suffix for Plowed



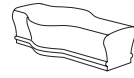
USE WITH

LJ or S-7019 LJ-6010
-7219 LJ-6210
-7419 LJ-6400
-7519 LJ-6519
-7619 LJ-6601
-7719 LJ-6701
-7919 LJ-6900
-7A19 LJ-6A10
-7B19 LJ-6B10

Tandem Cap



Conect-A-Kit® (LJ)

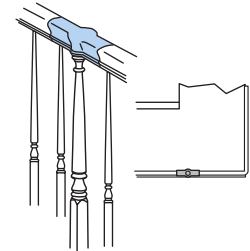


Traditional (S)

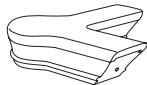
Add "P" suffix for Plowed

USE WITH

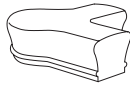
LJ or S-7020 LJ-6010
-7220 LJ-6210
-7420 LJ-6400
-7520 LJ-6519
-7620 LJ-6601
-7720 LJ-6701
-7920 LJ-6900
-7A20 LJ-6A10
-7B20 LJ-6B10



Quarterturn with Cap 90°



Conect-A-Kit® (LJ)

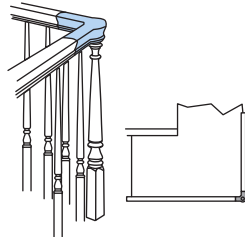


Traditional (S)

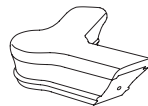
Add "P" suffix for Plowed

USE WITH

LJ or S-7021 LJ-6010
-7221 LJ-6210
-7421 LJ-6400
-7521 LJ-6519
-7621 LJ-6601
-7721 LJ-6701
-7921 LJ-6900
-7A21 LJ-6A10
-7B21 LJ-6B10



Quarterturn with Cap 135°



Conect-A-Kit® (LJ)



Traditional (S)

Add "P" suffix for Plowed

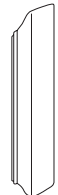
USE WITH

LJ or S-7021-135 LJ-6010
-7221-135 LJ-6210
-7421-135 LJ-6400
-7521-135 LJ-6519
-7621-135 LJ-6601
-7721-135 LJ-6701
-7921-135 LJ-6900
-7A21-135 LJ-6A10
-7B21-135 LJ-6B10

Custom angles
also available.
Call your
supplier for
details.

Rail Drop

Conect-A-Kit®



USE WITH

LJ-70RD LJ-6010
LJ-72RD LJ-6210
LJ-74RD LJ-6400
LJ-75RD LJ-6519
LJ-76RD LJ-6601
LJ-77RD LJ-6701
LJ-79RD LJ-6900
LJ-7ARD LJ-6A10
LJ-7BRD LJ-6B10

Coped End

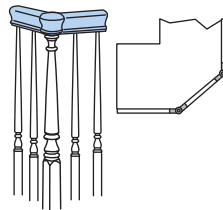


Traditional

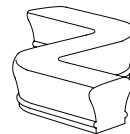
The Coped End and Opening Cap may be attached on the job using a rail bolt to accommodate almost any angle.

USE WITH

LJ-7008 LJ-6010
LJ-7208 LJ-6210
LJ-7408 LJ-6400



"S" Shaped Fitting



Traditional



Left Hand

LJ-7047 LJ-6010
LJ-7247 LJ-6210
LJ-7447 LJ-6400
LJ-7547 LJ-6519
LJ-7647 LJ-6601
LJ-7747 LJ-6701
LJ-7947 LJ-6900
LJ-7A47 LJ-6A10
LJ-7B47 LJ-6B10

USE WITH

Right Hand

LJ-7048 LJ-6010
LJ-7248 LJ-6210
LJ-7448 LJ-6400
LJ-7548 LJ-6519
LJ-7648 LJ-6601
LJ-7748 LJ-6701
LJ-7948 LJ-6900
LJ-7A48 LJ-6A10
LJ-7B48 LJ-6B10



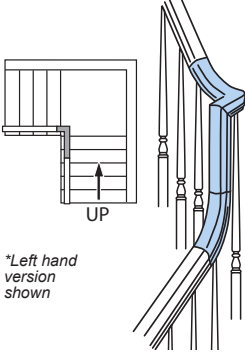
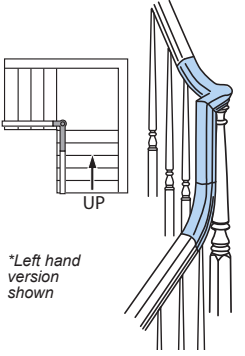
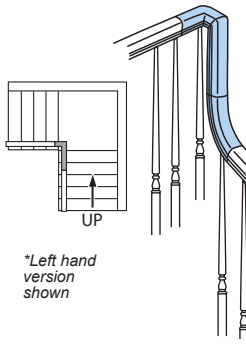
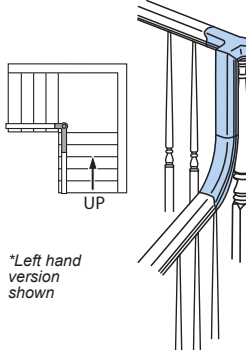
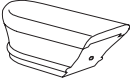
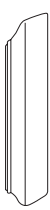
Pictured: LJP-2915 Balusters,
LJP-3910 Series Newel Posts,
LJ-6900 Handrail





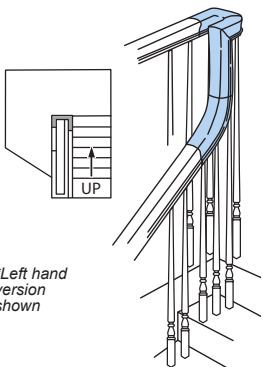
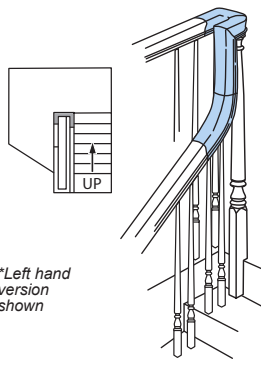
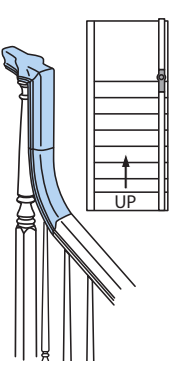
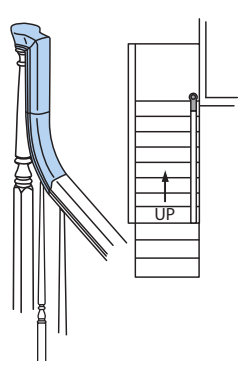
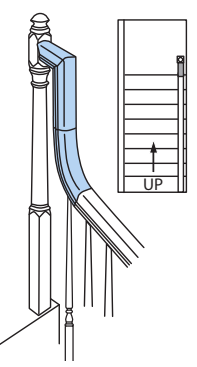
Landing Fitting Assemblies (goosenecks)

NEED A PLOWED FITTING? Add a "P" suffix to product #. Ex: S-7050P

TRADITIONAL GOOSENECKS				
HOW TO USE THIS CHART — Each box to the right shows a group of traditional gooseneck fittings. The rows below each group indicate which Connect-A-Kit component fittings, and how many of each, are required to build any one of the corresponding gooseneck fittings in the group. After you've determined which component fittings are needed, refer to pages 83-84 for the respective fitting part numbers to match your chosen handrail.	 <i>*Left hand version shown</i> Left hand Right hand S-7050(use with LJ-6010) S-7055 S-7250(use with LJ-6210) S-7255 S-7450(use with LJ-6400) S-7455 S-7550(use with LJ-6519) S-7555 S-7650(use with LJ-6601) S-7655 S-7750(use with LJ-6701) S-7755 S-7950(use with LJ-6900) S-7955 S-7A50(use with LJ-6A10) S-7A55 S-7B50(use with LJ-6B10) S-7B55	 <i>*Left hand version shown</i> Left hand Right hand S-7060(use with LJ-6010) S-7065 S-7260(use with LJ-6210) S-7265 S-7460(use with LJ-6400) S-7465 S-7560(use with LJ-6519) S-7565 S-7660(use with LJ-6601) S-7665 S-7760(use with LJ-6701) S-7765 S-7960(use with LJ-6900) S-7965 S-7A60(use with LJ-6A10) S-7A65 S-7B60(use with LJ-6B10) S-7B65	 <i>*Left hand version shown</i> Left hand Right hand S-7071(use with LJ-6010) S-7076 S-7271(use with LJ-6210) S-7276 S-7471(use with LJ-6400) S-7476 S-7571(use with LJ-6519) S-7576 S-7671(use with LJ-6601) S-7676 S-7771(use with LJ-6701) S-7776 S-7971(use with LJ-6900) S-7976 S-7A71(use with LJ-6A10) S-7A76 S-7B71(use with LJ-6B10) S-7B76 784LHGN(use with 684) 784RHGN	 <i>*Left hand version shown</i> Left hand Right hand S-7081(use with LJ-6010) S-7086 S-7281(use with LJ-6210) S-7286 S-7481(use with LJ-6400) S-7486 S-7581(use with LJ-6519) S-7586 S-7681(use with LJ-6601) S-7686 S-7781(use with LJ-6701) S-7786 S-7981(use with LJ-6900) S-7986 S-7A81(use with LJ-6A10) S-7A86 S-7B81(use with LJ-6B10) S-7B86
	 Returned End LJ-7X09			
	 Quarterturn 90° LJ-7X11	1		1
	 Upsealing 60° LJ-7X12	2	2	1
	 Opening Cap LJ-7X19			
	 Tandem Cap LJ-7X20			
	 Quarterturn w/Cap LJ-7X21		1	1
	 Rail Drop LJ-7XRD	1	1	1

NEED A PLOWED FITTING? Add a "P" suffix to product #. Ex: S-7097P

TRADITIONAL GOOSENECKS

 <i>*Left hand version shown</i> Left hand S-7090-2.....(use with LJ-6010)S-7095-2 S-7290-2.....(use with LJ-6210)S-7295-2 S-7490-2.....(use with LJ-6400)S-7495-2 S-7590-2.....(use with LJ-6519)S-7595-2 S-7690-2.....(use with LJ-6601)S-7695-2 S-7790-2.....(use with LJ-6701)S-7795-2 S-7990-2.....(use with LJ-6900)S-7995-2 S-7A90-2.....(use with LJ-6A10)S-7A95-2 S-7B90-2.....(use with LJ-6B10)S-7B95-2	 <i>*Left hand version shown</i> Left hand S-7091-2.....(use with LJ-6010)S-7092-2 S-7291-2.....(use with LJ-6210)S-7292-2 S-7491-2.....(use with LJ-6400)S-7492-2 S-7591-2.....(use with LJ-6519)S-7592-2 S-7691-2.....(use with LJ-6601)S-7692-2 S-7791-2.....(use with LJ-6701)S-7792-2 S-7991-2.....(use with LJ-6900)S-7992-2 S-7A91-2.....(use with LJ-6A10)S-7A92-2 S-7B91-2.....(use with LJ-6B10)S-7B92-2	 S-7088-2.....(use with LJ-6010) S-7288-2.....(use with LJ-6210) S-7488-2.....(use with LJ-6400) S-7588-2.....(use with LJ-6519) S-7688-2.....(use with LJ-6601) S-7788-2.....(use with LJ-6701) S-7988-2.....(use with LJ-6900) S-7A88-2.....(use with LJ-6A10) S-7B88-2.....(use with LJ-6B10)	 S-7097.....(use with LJ-6010) S-7297.....(use with LJ-6210) S-7497.....(use with LJ-6400) S-7597.....(use with LJ-6519) S-7697.....(use with LJ-6601) S-7797.....(use with LJ-6701) S-7997.....(use with LJ-6900) S-7A97.....(use with LJ-6A10) S-7B97.....(use with LJ-6B10)	 Post to Post Applications S-7099.....(use with LJ-6010) S-7299.....(use with LJ-6210) S-7499.....(use with LJ-6400) S-7599.....(use with LJ-6519) S-7699.....(use with LJ-6601) S-7799.....(use with LJ-6701) S-7999.....(use with LJ-6900) S-7A99.....(use with LJ-6A10) S-7B99.....(use with LJ-6B10) 784SGN.....(use with 684)
				1
2	1			
1	1	1	1	1
			1	
		1		
	1			
1	1	1	1	1

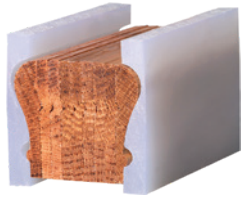


Bending Rail

Many of our handrail profiles shown throughout this catalog are available in bending rail for applications requiring curved handrail. Corresponding bending mould to match the chosen handrail is necessary for forming the desired radius. Bending moulds are available separately in random lengths, and available rails are in 8', 10', 12', 14', & 16' lengths. The dimensions of each bending rail match their corresponding straight rail profile. Bending rails shown below include the rake and level radius limitations to which each can be bent.



LJ-6010B*
7 pieces
Bending Radius:
Rake - 30" (762 mm)
Level - 36" (914 mm)



LJ-6210B*
8 pieces
Bending Radius:
Rake - 30" (762 mm)
Level - 36" (914 mm)



LJ-6519B
7 pieces
Bending Radius:
Rake - 54" (1372 mm)
Level - 60" (1524 mm)



LJ-6601B
7 pieces
Bending Radius:
Rake - 30" (762 mm)
Level - 36" (914 mm)



684B
9 pieces
Bending Radius:
Rake - 54" (1372 mm)
Level - 60" (1524 mm)

*Can be used with Bending Moulds LJ-6010BM (Pine) or LJ-6910BM†

LJ-6519BM
Pine Bending Mould

LJ-6601BM
Pine Bending Mould

684BM
Pine Bending Mould



LJ-6701B
10 pieces
Bending Radius:
Rake - 30" (762 mm)
Level - 36" (914 mm)

LJ-6701BM
Pine Bending Mould



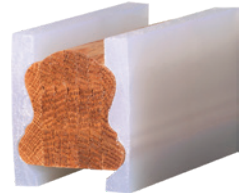
LJ-6900B
8 pieces
Bending Radius:
Rake - 54" (1372 mm)
Level - 60" (1524 mm)

LJ-6900BM
Pine Bending Mould



LJ-6A10B
7 pieces
Bending Radius:
Rake - 30" (762 mm)
Level - 36" (914 mm)

LJ-6A10BM
Pine Bending Mould



LJ-6B10B
7 pieces
Bending Radius:
Rake - 36" (914 mm)
Level - 48" (1219 mm)

LJ-6B10BM†
Bending Mould

†LJ-6910BM and LJ-6B10BM Enduromolds are reusable polyvinyl bending moulds. Glue does not stick to the surface. Both profiles are available in 8' (2438 mm) lengths only.



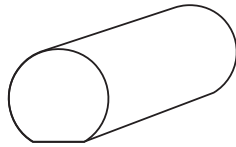
Pictured: LIH-KW9044, LIH-HOL30544 & LIH-HOL30844 Iron Balusters, LJ-4091 Box Newels, LJ-6010B Bending Handrail



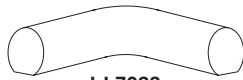
Wall Rail

Used along the wall(s) of stairways that have a full or partial wall on one or both sides. Wall rail brackets (below) are utilized for attaching wall rails to the walls.

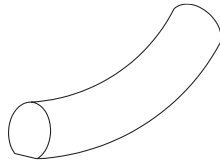
LJ-6040 Rail and Fittings



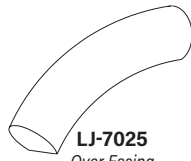
1 3/4" x 1 5/8"
(44 mm x 41 mm)



LJ-7023
Quarterturn

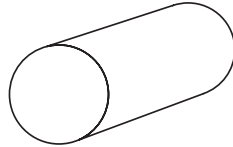


LJ-7024
Starting Easing

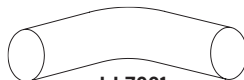


LJ-7025
Over Easing

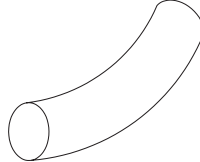
LJ-6041 Rail and Fittings



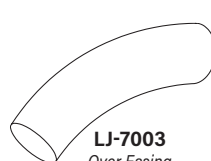
2" Round
(51 mm)



LJ-7001
Quarterturn

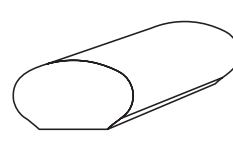


LJ-7002
Starting Easing



LJ-7003
Over Easing

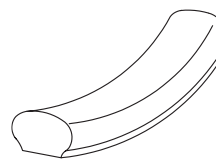
LJ-6042 Rail and Fittings



2 1/4" x 1 1/2"
(57 mm x 33 mm)



LJ-7005
Quarterturn



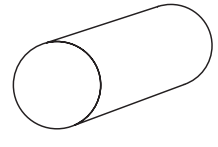
LJ-7006
Starting Easing



LJ-7007
Over Easing

LJ-6039 Rail

(fittings not available)



1 3/4" (44 mm) Round

Wall Rail Brackets

Our wide variety of wall rail brackets provide several styles and many finishes from which to choose. The measurement from the wall to the handrail centerline on LJ-3012 and LJ-3127 brackets is 2 3/4" (70 mm) and LJ-3128 is 3 1/4" (83 mm). NOTE: Finish color may vary.



LJ-3127-BB
Polished Brass



LJ-3127-PC
Polished Chrome



LJ-3127-AN
Antique Nickel



LJ-3127-BZ
Oil Rubbed Bronze



LJ-3127-SN
Satin Nickel



LJ-3127-BM
Black Matte



LJ-3128-SS
Stainless Steel



LJ-3128-BM
Black Matte



LJ-3012-BB
Polished Brass



LJ-3012-PC
Polished Chrome



LJ-3012-AN
Antique Nickel



LJ-3012-BZ
Oil Rubbed Bronze



LJ-3012-SN
Satin Nickel



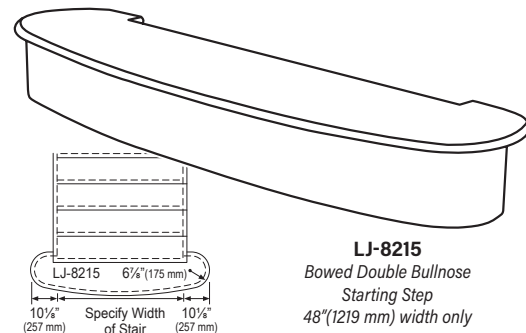
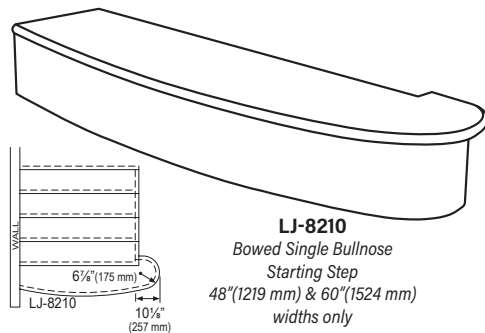
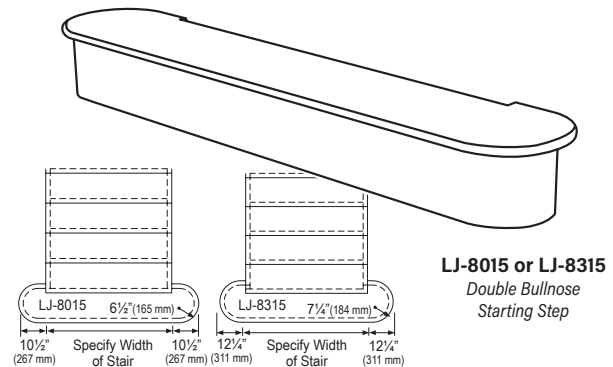
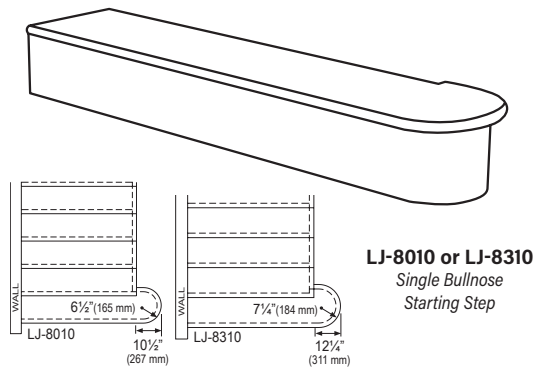
LJ-3012-BM
Black Matte



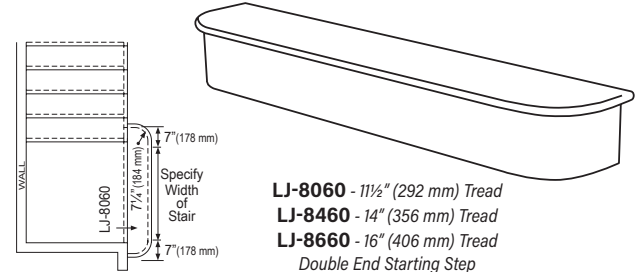
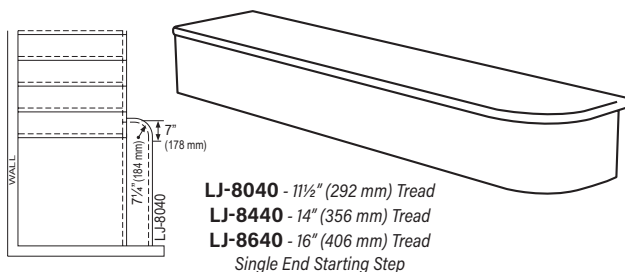
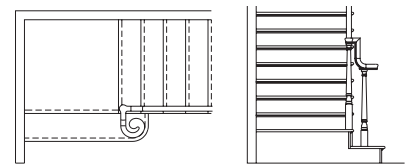
STARTING *steps*

Each step is shipped with the necessary cove and shoe moulding. The standard length is 48" (1219 mm), with longer lengths available. Single bullnose steps are reversible and can be job cut for shorter lengths. Specifications: Treads are 1" (25 mm) x 11 1/2" (292 mm); total rise on all steps is 8" (203 mm); risers measure 3/4" (19 mm) x 7" (178 mm).

Steps for use with Volutes and Turnouts — For LJ-6010, LJ-6210, LJ-6601, LJ-6900, LJ-6A10, LJ-6B10 turnouts and standard volutes, and LJ-6701 turnouts, use LJ-8010, LJ-8015, LJ-8210, and LJ-8215 starting steps. For LJ-6400, LJ-6519 turnouts and standard volutes, LJ-6701 standard volutes, and all climbing volutes, use LJ-8310 and LJ-8315 starting steps.

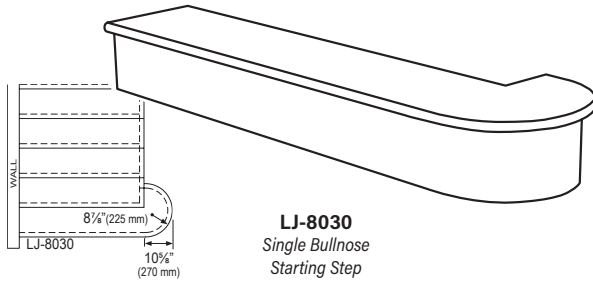


Steps for use with Square Top Newels, Box Newels and 90° Starting Fittings — For Box Newels or when placing any square top utility newel at the second riser, use LJ-8040 and LJ-8060 steps. For starting fittings utilizing a 90° up easing use LJ-8440, LJ-8460, LJ-8640 and LJ-8660 steps. For LJ-6010, LJ-6210, LJ-6601, LJ-6A10, LJ-6B10 profiles of turnouts and standard volutes, or LJ-6701 turnouts, use LJ-8440 and LJ-8460 steps. For LJ-6701 standard volutes, or LJ-6519, LJ-6400 and LJ-6900 turnouts and standard volutes, use LJ-8640 and LJ-8660 steps.

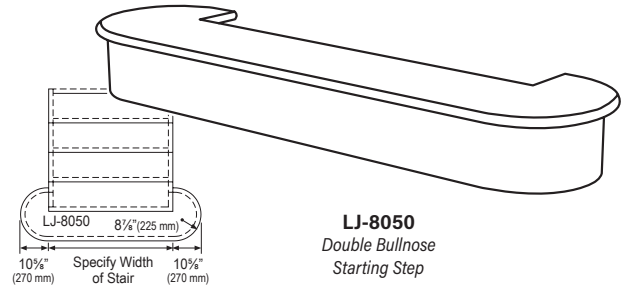




Starting Steps for use with Box Newels — Our LJ-8030 and LJ-8050 steps are for use with any of our Box Newels.



LJ-8030
Single Bullnose
Starting Step



LJ-8050
Double Bullnose
Starting Step



Pictured: LJ-5040 Balusters, LJ-4060 Newel Post,
LJ-6701 Handrail

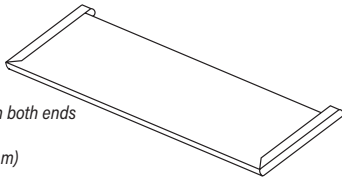


TREADS

Our treads (except hybrid treads and box treads) are available in 36" (914 mm), 42" (1067 mm), 48" (1219 mm), 54" (1372 mm), 60" (1524 mm) and 72" (1829 mm) standard lengths. See descriptions below the other products for their available lengths.

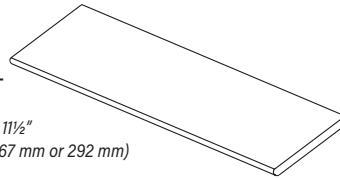
LJ-8070MR2** LJ-8870MR2†**

Tread with Miter Returns on both ends
1" x 10½" or 11½"
(25 mm x 267 mm or 292 mm)



LJ-8070 LJ-8870†

Plain Tread
1" x 10½" or 11½"
(25 mm x 267 mm or 292 mm)



† Tread with Square Nose
1" x 11½"
(25 mm x 292 mm)



LJ-8070LH*

Tread with Miter Return Left Hand

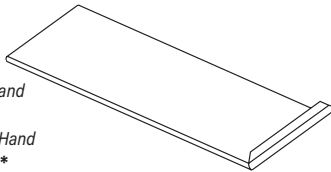
LJ-8070RH*

Tread with Miter Return Right Hand

LJ-8070MR1 Reversible*

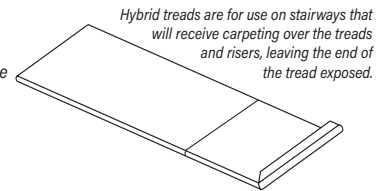
LJ-8870MR1 Reversible†*

Tread with Miter Return on one end, but is reversible for LH or RH
All above are 1" x 10½" or 11½" (25 mm x 267 mm or 292 mm)



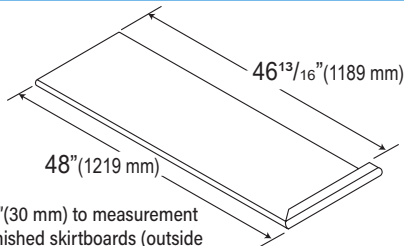
LJ-8074MR1 Reversible*

Hybrid Reversible Tread with Miter Return on one end for LH or RH applications
1" x 11½" x 48" or 60"
(25 mm x 292 mm x 1219 mm, or 1524 mm)



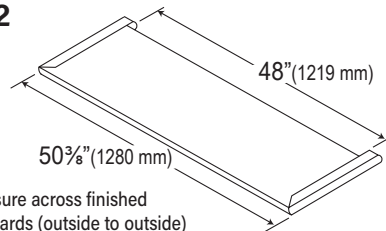
Hybrid treads are for use on stairways that will receive carpeting over the treads and risers, leaving the end of the tread exposed.

MR1



*Add 1½" (30 mm) to measurement across finished skirtboards (outside to outside) for one end miter returned treads.
Example: LJ-8070 11½" (292 mm) x 48" (1219 mm) Miter Returned one end.

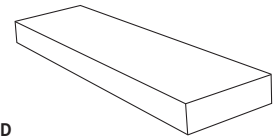
MR2



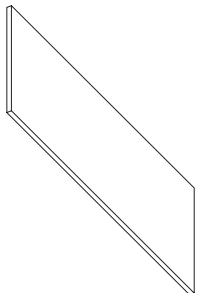
**Measure across finished skirtboards (outside to outside) for both end miter returned treads.
Example: LJ-8070 11½" (292 mm) x 48" (1219 mm) Miter Returned both ends.

BOXTRD

Face Laminated Solid Box Tread
3½" x 11½" x 42" or 48"
(89 mm x 292 mm x 1067 mm or 1219 mm)



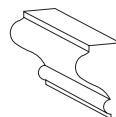
SKIRTBOARD



LJ-8912

Skirtboard

¾" x 11¼" x 8', 12', 14' and 16'
(19 mm x 286 mm x 2438 mm, 3658 mm, 4267 mm and 4877 mm)



LJ-8950

Skirtboard Cap Moulding

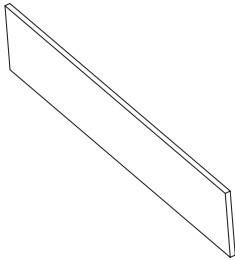
11/16" (17 mm) x 1 1/8" (29 mm) x random length



RISERS

LJ-8075

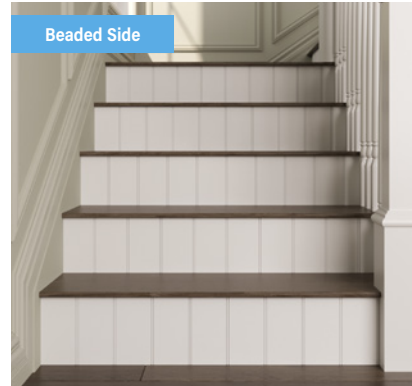
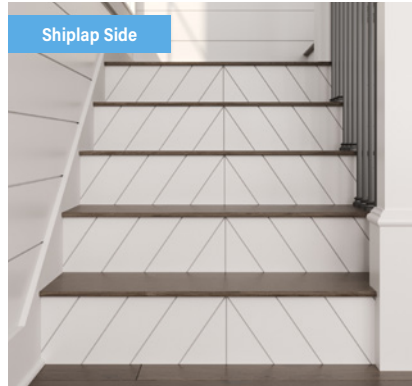
Plain Riser – $\frac{3}{4}$ " x $7\frac{1}{2}$ " or 8"
(19 mm x 191 mm or 203 mm)



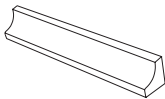
Available in 36" (914 mm), 42" (1067 mm), 48" (1219 mm), 54" (1372 mm), 60" (1524 mm) and 72" (1829 mm) standard lengths

LJ-8075REV-PR

Reversible Primed Riser – $\frac{3}{4}$ " x $7\frac{1}{2}$ " x 48", 54" or 60"
(19 mm x 191 mm x 1219 mm, 1372 mm or 1524 mm)

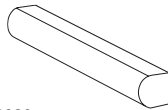


SHOE AND COVE MOULDING



LJ-8095

Lineal Cove Moulding
 $\frac{5}{8}$ " (16 mm) x $\frac{13}{16}$ " (21 mm) x random length

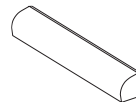


LJ-8080

Lineal Tread Nosing
 $1\frac{1}{4}$ " (32 mm) x $1\frac{1}{32}$ " (26 mm) x random length

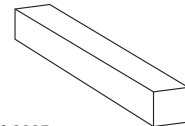
LJ-8080-13

Single Tread Return
 $1\frac{1}{4}$ " (32 mm) x $1\frac{1}{32}$ " (26 mm) x 13" (330 mm)



LJ-8422

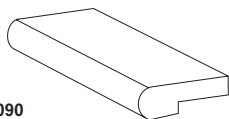
Lineal Shoe Moulding
 $\frac{1}{2}$ " (13 mm) x $\frac{3}{4}$ " (19 mm)
x random length



LJ-8895

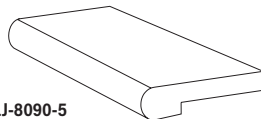
Lineal Shoe/Cove/Trim Moulding
 $\frac{3}{4}$ " (19 mm) x $\frac{3}{4}$ " (19 mm) x random length

LANDING TREADS



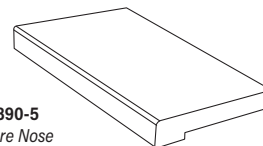
LJ-8090

Landing Tread
 $3\frac{1}{2}$ " (89 mm)



LJ-8090-5

Landing Tread
 $5\frac{1}{4}$ " (133 mm)



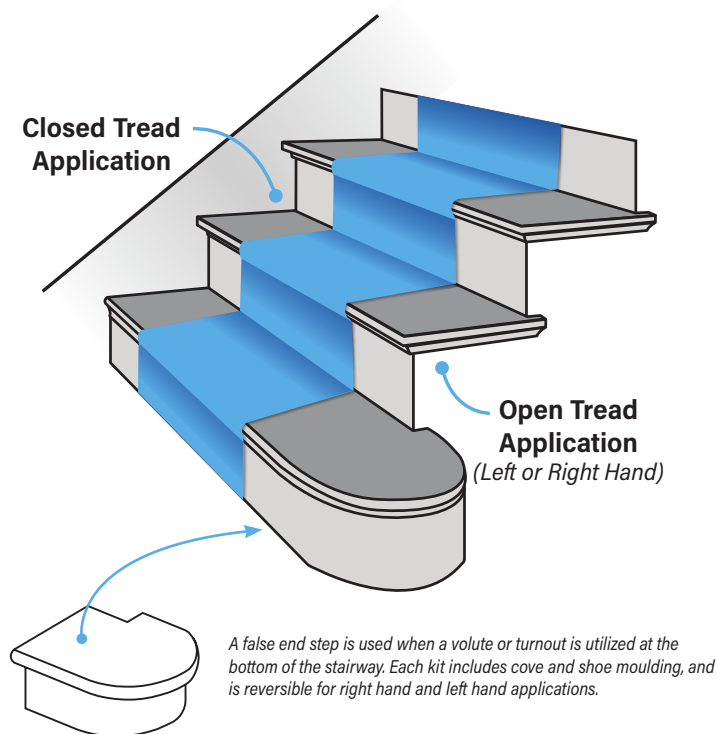
LJ-8890-5

Square Nose
Landing Tread
 $5\frac{1}{4}$ " (133 mm)



FALSE ENDS

False Starting Steps and False Treads and Risers are often used when carpeting will be placed on the center of the treads and risers on a stairway.



LJ-8010-2

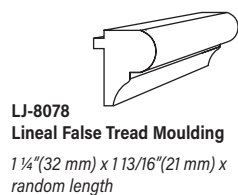
False End Starting Step

Use with the same starting fittings as LJ-8010 full starting step (page 80)

LJ-8310-2

False End Starting Step

Use with the same starting fittings as LJ-8310 full starting step (page 80)



LJ-8172

Closed False Tread Kit

For closed tread application.

Tread with moulding is 12 1/4" x 6"
(311 mm x 152 mm)
Riser is 8" x 6" x 1/2"
(203 mm x 152 mm or 13 mm)



LJ-8076

False Riser

Use with S-8071LH, S-8071RH or S-8072 for closed and/or open tread applications.

8" x 6" x 1/2"
(203 mm x 152 mm x 13 mm)

S-8072

False Tread

Use with LJ-8076 for closed tread application.

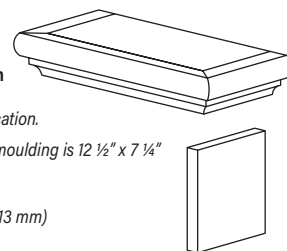
13 7/8" x 5 1/4"
(352 mm x 133 mm)

LJ-8179

Double Miter Return False Tread Kit

For open tread application.

Tread with attached moulding is 12 1/2" x 7 1/4"
(318 mm x 184 mm)
Riser is 8" x 6" x 1/2"
(203 mm x 152 mm x 13 mm)

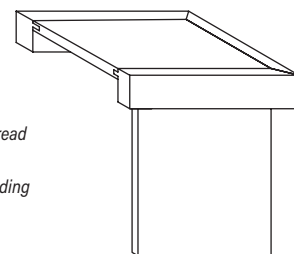


LJ-8879

Double Miter Return False Tread Kit

For closed and/or open tread applications.

Tread with attached moulding is 12 5/8" x 7 5/16"
(321 mm x 186 mm)
Riser is 7 3/4" x 6 1/2" x 1/2"
(197 mm x 165 mm x 13 mm)



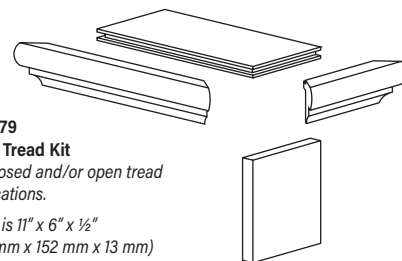
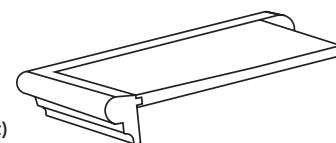
S-8071LH (Left)

S-8071RH (Right)

False Tread

Use with LJ-8076 for open tread application.

13 7/8" x 5 1/4" (352 mm x 133 mm)



LJ-8079

False Tread Kit

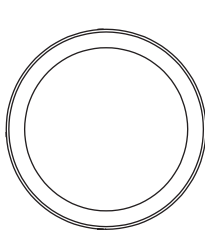
For closed and/or open tread applications.

Tread is 11" x 6" x 1/2"
(279 mm x 152 mm x 13 mm)
Riser is 8" x 6" x 1/2"
(203 mm x 152 mm x 13 mm)

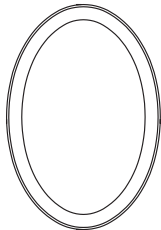


ROSETTES

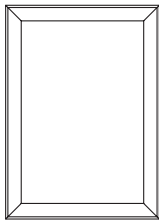
Used to cap off handrail at wall. Each rosette is 3/4" thick (19mm).



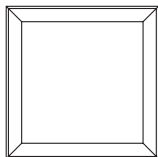
LJ-7026
4 9/16" Round
(116 mm)



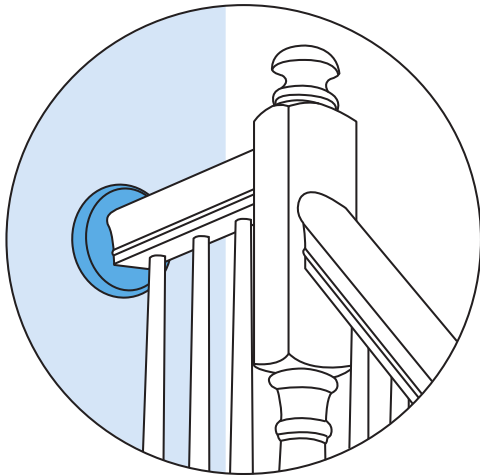
LJ-7027
6 1/2" x 4 7/16"
(165 mm x 113 mm)



LJ-7033
6" x 4 5/16"
(152 mm x 110 mm)



LJ-7032
4 1/2" x 4 1/2"
(114 mm x 114 mm)



NEWEL DROPS



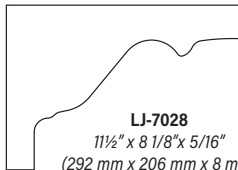
LJ-4099A
For 3" - 3 1/4" Newel Posts



LJ-4299A
For 3 1/2" Newel Posts

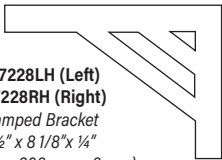
STAIR BRACKETS

A simple, yet effective way for a decorative upgrade to any open tread stair.

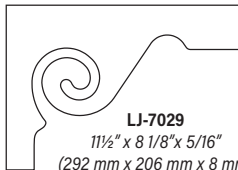


LJ-7028
11 1/2" x 8 1/8" x 5/16"
(292 mm x 206 mm x 8 mm)

Left Hand Shown

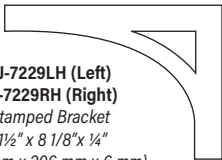


LJ-7228LH (Left)
LJ-7228RH (Right)
Stamped Bracket
11 1/2" x 8 1/8" x 1/4"
(292 mm x 206 mm x 6 mm)



LJ-7029
11 1/2" x 8 1/8" x 5/16"
(292 mm x 206 mm x 8 mm)

Left Hand Shown



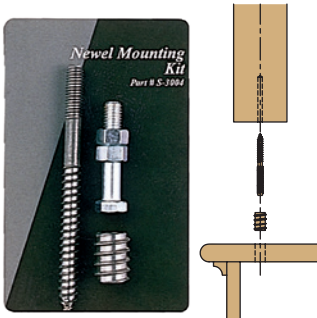
LJ-7229LH (Left)
LJ-7229RH (Right)
Stamped Bracket
11 1/2" x 8 1/8" x 1/4"
(292 mm x 206 mm x 6 mm)



Pictured: LIH-HOL65144 & LIH-HOL65944 Iron Balusters, LJ-4101G Newel Posts, 684 Handrail, LJ-7228 Stair Brackets

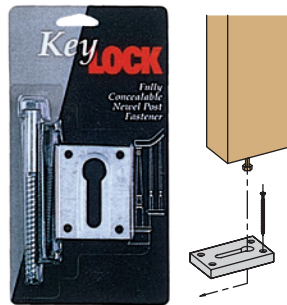


NEWEL MOUNTING HARDWARE



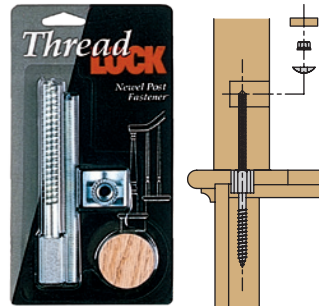
LJ-3004 NEWEL MOUNTING KIT

Fully concealable. Use on finished floor surfaces, landings, and starting steps.



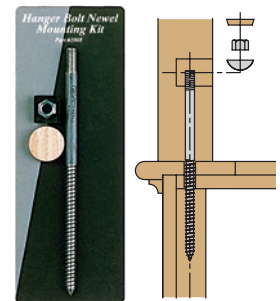
LJ-3005 KEYLOCK™ NEWEL POST FASTENER

Fully concealable. Use on finished floor surfaces, stairs, ceramic tile and concrete.



LJ-3070 THREADLOCK™ NEWEL POST FASTENER

Use to mount newel posts on finished floor surfaces.



LJ-3008 16" LAG BOLT LJ-3008-10 10¾" LAG BOLT HANGER BOLT NEWEL MOUNTING KIT

Use to mount newel posts on finished floor surfaces.



LJ-3006 NEWEL MOUNTING PLATE

Use to mount 3" (76 mm) to 3½" (89 mm) newel posts on finished floor surfaces.



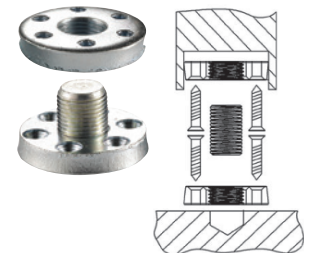
LJ-3009 FOR 3" NEWELS LJ-3019 FOR 3½" NEWELS ANGLE BRACKET NEWEL POST FASTENER

Use to mount newel posts on finished floor surfaces.



LJ-3071 TOGGLE BOLT NEWEL MOUNTING KIT

Use to mount newel posts on starting steps.



LJ-3011 FAS-N-FAST

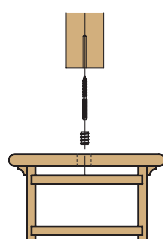
Use to mount newel posts on finished wood floor surfaces.

LJ-3007HDWE HARDWARE KIT

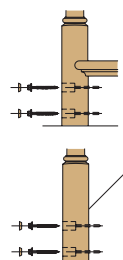
This kit includes a variety of hardware used to install a utility newel and a starting fitting.



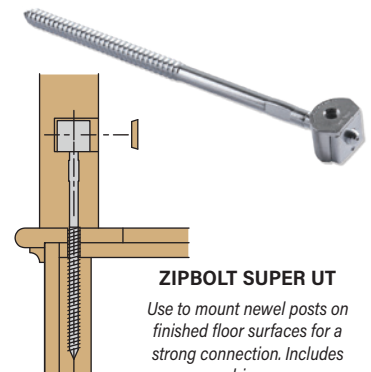
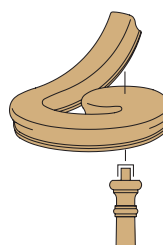
Use to flush mount the utility newel on a starting step or other finished floor surface



Use to face mount the utility newel to the face of the riser or end of a kneewall



Use the perforated metal strip to attach the starting fitting to the utility newel



ZIPBOLT SUPER UT

Use to mount newel posts on finished floor surfaces for a strong connection. Includes driver.

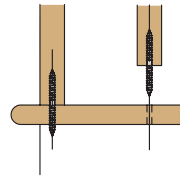
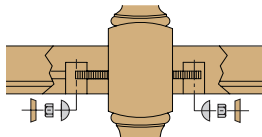


MISCELLANEOUS HARDWARE



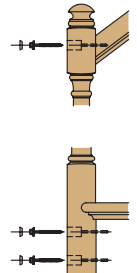
LJ-3077 RAILS2POST CONNECTOR™

Use this kit to connect two rails to a post to post newel on a level run. It is simple to use and provides a quicker and stronger installation than rail bolts. For 3", 3 1/4" and 3 1/2" newels.



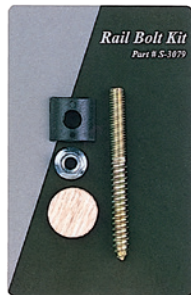
LJ-3076 DOWEL-FAST SCREWS

Pack of 50 5/16"x2 1/2" full thread dowel screws to attach wood balusters to treads and landing tread.



LJ-3078 RAIL & POST FASTENER

Use to fasten handrails to newel posts or newel posts to stair risers.



LJ-3079*

LJ-3080 (10 PACK) RAIL BOLT KIT(S)

Use to attach handrail to: handrail, fitting, newel, wall; or fittings to fittings.

*To order items separately use: LJ-3001 for bolt, washer and nut and use LJ-3000 for plug.



LJ-3024 (100 PACK) 1/2" TAPERED PLUGS

LJ-3025 (25 PACK) 1" TAPERED PLUGS

Face grain tapered plugs are designed for flush mount installations to cover bolt holes in handrail and newel posts.



LJ-3026 (50 PACK) 1/2" BUTTON PLUGS

Face grain button plugs are used to cover bolt holes in newel posts.



LIH-HOL1/2CONCEAL - FOR 1/2" BALUSTERS LIH-HOL3/4CONCEAL - FOR 3/4" BALUSTERS

Used to install our 1/2" or 3/4" hollow square iron balusters on open tread stairs, kneewall stairs and level runs for a clean finished look without the need for adhesive or shoes.

PATENT US11828068



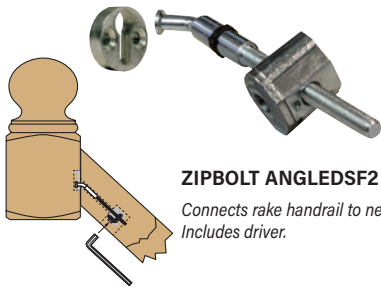
LIH-HOLINSERTW/SCREW

Used to install our 1/2" hollow square iron balusters on open treads and level runs for a clean finished look without the need for adhesive or shoes.

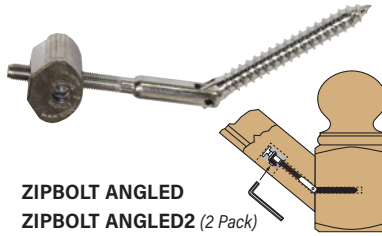




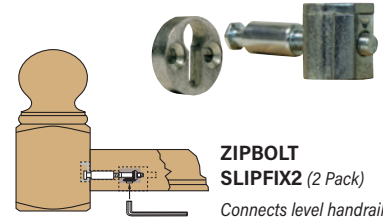
ZIPBOLT HARDWARE AND TOOLS



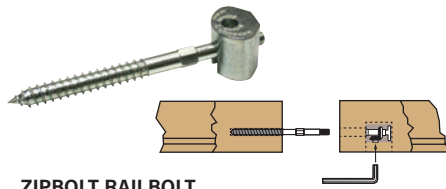
ZIPBOLT ANGLED SF2 (2 Pack)
Connects rake handrail to newel.
Includes driver.



ZIPBOLT ANGLED
ZIPBOLT ANGLED2 (2 Pack)
Connects rake handrail to newel.
2 Pack includes driver.



ZIPBOLT SLIPFIX2 (2 Pack)
Connects level handrail to newel. Includes driver.



ZIPBOLT RAILBOLT
ZIPBOLT RAILBOLT2 (2 Pack)
Connects handrail to fitting or handrail to handrail. 2 Pack includes driver.



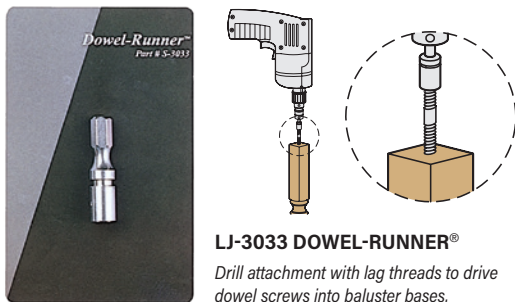
ZIPBOLT DRILL GUIDE
Use to align and drill ZipBolt connection holes.



ZIPBOLT DRIVER
Fits all ZipBolt connectors and is used in place of an allen wrench.

ZIPBOLT MICORB2 (2 Pack)
Designed for smaller handrail profiles such as wall rails.
Connects rail to fitting or rail to rail. Includes driver.

BALUSTER AND HANDRAIL TOOLS



LJ-3033 DOWEL-RUNNER®
Drill attachment with lag threads to drive
dowel screws into baluster bases.



LJ-3044 VERSATOOL™
Locates holes as well as starts and
tightens hex nuts onto rail bolts.
Drives 5/16" rail bolts and tightens
1/2" hex nuts. Also used to locate 1/4"
pilot hole on handrails & rail drops for
attaching to Connect-A-Kit® handrail
fittings.

VIEW INSTALLATION VIDEOS HERE



Or visit www.ljsmith.com/installation-videos



Pictured: LIH-HOL65144 and LIH-HOL65244 Iron Balusters, LJ-4002 Newel Posts, 684 Handrail



Pictured: LIH-HOL65544 Iron Balusters,
LJ-4000 Newel Posts, 684 Handrail



Pictured: LJ-5V25 Balusters, LJRA-4091
Box Newel, LJ-6210P Plowed Handrail



Pictured: LJ-5040 Balusters, LJ-4060
Newel Posts, LJ-6701 Handrail



Pictured: LIH-HOLPLA44 Iron Balusters,
LJ-4110 Series Newel Posts, 684 Handrail



ORDERING GUIDELINES

POST TO POST

WOOD POST TO POST STAIR SYSTEM

These guidelines offer a complete list of components for your Wood Post to Post Stair System, helping you meet most building codes for handrail height and baluster spacing, aiming for 34" - 38" rake rail heights. Always verify local codes before installation, and note that all products are for interior use only.

Item		Guidelines	Page	Part #	Qty.
1	SKIRTBOARD	Select skirtboard at 13" per tread, plus any additional length desired for extension beyond the first and last risers. Be sure to order enough skirtboard for both sides of the stairway.	92		
2	TREADS	Select one tread for each step. For a stair open on one side order miter-returned (MR1) and add 1/4" to the skirtboard to skirtboard measurement, then refer to the next longer standard length available. For a stair open both sides order miter-returned both (MR2) and use the finished skirtboard to skirtboard measurement (measured outside to outside). For false treads see page 94.	92,94		
3	RISERS	Select one riser for each step. Select one more riser than treads per each flight because of landing tread (see #4). Note: Landing tread replaces the nosing over the last riser. For false risers see page 94.	93		
4	LANDING TREAD	Select sufficient lineal footage for the entire balcony and width of stairs at each landing. Note: LJ-8090-5 or LJ-8890-5 is suitable for all newels up to and including those that are 4" square. Larger newel posts might require the addition of a wood strip.	93		
5	COVE MOULD	Select sufficient lineal footage to go under all tread nosing (including miter-returns) and under all landing tread. Note: cove moulding is not needed under false treads.	93		
6	UTILITY NEWEL	For stairs with a 34"-38" rake rail height, select the 58" Utility newel for the starting newel. If handrail and balusters will be installed on both sides of the bottom of the stairway, two of these newels will be needed. See the Post to Post Newel Applications chart at the bottom of this page for further information on Utility Newel applications.	20-40		
		If using Box Newels, select one for the starting newel at the bottom of the stairway. If handrail and balusters will be installed on both sides of the bottom of the stairway, two of these newels will be needed.	41-45		
7	PIN NEWEL	Use in the middle of a long rake run of handrail for strength. This newel does not require a handrail fitting. Pin newels are available in two turning styles only.	28, 30,34		
8	INTERMEDIATE LANDING NEWEL	Select the intermediate landing newel with the 14 1/2" face when not using a landing fitting assembly (gooseneck). If a landing fitting assembly is used, select the 5" face intermediate landing newel. See the Post to Post Newel Applications chart at the bottom of this page for selecting the appropriate Intermediate Landing Newel(s) for your application.	20-40		
		If using Box Newels, select an Intermediate Box Newel. Matching the Box Newel chosen in #6 may require adding additional length to the bottom of the post when used at the intermediate landing.	41-45		
9	SECOND FLOOR LANDING NEWEL	Select the 2nd Floor Landing Newel when not using a landing fitting assembly (36" balcony height). 42" balcony height requires the use of a landing fitting assembly. Use the 48" Utility Newel for surface mount when using a landing fitting assembly. If the newel extends below the floor surface, use the 58" Utility Newel with a landing fitting assembly. See the applications chart below...	20-40		
		If using Box Newels, select a Box Newel or Intermediate Box Newel for the Second Floor Landing Newel.	41-45		
10	LEVEL RUN NEWEL	A level run, whether on the 2nd floor or at an intermediate landing, must include newel posts. It should match the post selected for the transition from rake to level or rake to rake (whichever is applicable). For a run of 10 feet or more, use a newel at the midpoint or every 5 to 6 feet. Place a newel at every corner.	20-40		
11	HALF NEWEL	Select the half-newel of the same style as the other full newels selected on the balcony (i.e.: 11" face or 5" face or Box Newel)	20-40		
12	OR ROSETTES	Select the round rosette for all level run rail connections into a wall. Select the oval or rectangular rosette for all angled rail connections into a wall (when the rail meets the wall on a rake).	95		
13	NEWEL MOUNTING HDWE	Select one of the newel mounting kits for each newel post.	96		
14	RAKE BALUSTERS FOR OPEN TREAD STAIR	"LJ-" Series Balusters: For 34"-38" handrail height, use the 38" baluster for the 1st baluster on the tread and use the 42" baluster for the 2nd baluster on the tread. If using three balusters per tread, use the 38" baluster for the 1st and 2nd balusters on the tread, and use the 42" baluster for the 3rd baluster on the tread. Note: when using three balusters per tread for 34"-38" rail height, the 42" baluster may not be long enough for use under a landing fitting assembly (gooseneck).	20-40		
		"S-" Series Balusters: For 34"-38" rake handrail height, the first baluster on each tread is 36", the 2nd is 42", and if 3 balusters are used, the middle baluster is 39".	29,35 37,39		
15	RAKE BALUSTERS FOR KNEEWALL STAIR	"LJ-" Series Balusters: Select the shortest available baluster at a rate of two or three per tread equally spaced according to code requirements. Subtract one baluster from the calculated total as the starting newel replaces the first baluster.	20-40		
		"S-" Series Balusters: Select the shortest available baluster at a rate of two or three per tread equally spaced according to code requirements. Subtract one baluster from the calculated total as the starting newel replaces the first baluster.	29,35 37,39		
16	LEVEL RUN BALUSTERS	"LJ-" Series Balusters: Use the 38" baluster for all 36" level runs/balconies. Use the 42" baluster for all 42" level runs/balconies. To determine quantity of balusters needed, measure the total distance between the end newels on each level run. Place balusters equally spaced according to building code compliance. Subtract one baluster from the calculated total to account for the end of the run. Subtract one baluster for each newel post on the level run. Do not, however, subtract one for the newel post beneath the landing fitting assembly (gooseneck) at the 2nd floor landing.	20-40		
		"S-" Series Balusters: Use the 36" baluster for all 36" level runs/balconies. Use the 42" baluster for all 42" level runs/balconies. To determine quantity of balusters needed, measure the total distance between the end newels on each level run. Place balusters equally spaced according to building code compliance. Subtract one baluster from the calculated total to account for the end of the run. Subtract one baluster for each newel post on the level run. Do not, however, subtract one for the newel post beneath the landing fitting assembly (gooseneck) at the 2nd floor landing.	29,35 37,39		
17	HANDRAIL	Select handrail at a rate of 13" per each tread and include enough for all level runs. Our handrails are available in 8', 10', 12', 14', & 16' lengths. Some are also available in 18' & 20' lengths. See #18 for calculating wall rail.	20-40 88		
18	WALL RAIL	If local building codes require wall rail, select wall rail at a rate of 13" per each tread that is closed by a wall. Also, see #20 below. Note: any of our non-plowed handrail profiles may be used as wall rail, however, be sure to check with local building codes for space requirements between the rail and the wall. Wall rail requires wall rail brackets (see #25). Select one bracket for each end of the rail and at 2'-3" intervals between.	89 20-40 88		
19	HANDRAIL FITTINGS (Landing Fitting Components)	If using a Landing Fitting Assembly (gooseneck) with the Intermediate and/or Second Floor Landing Newels, match each corner of the floor plan to a corresponding plan on pages 86-87. Specify each Conect-A-Kit fitting component needed to construct the Landing Fitting Assembly(ies) or select traditional gooseneck fittings.	86-87		
20	HANDRAIL FITTINGS (Miscellaneous Components)	If continuous handrail is needed to transition from the rake balusters, around a wall, and continue up the stair as wall rail, select the appropriate "S" Fitting or select two level quarterturns.	83-84		
21	SHOERAIL FOR KNEEWALL STAIR/LEVEL RUN	Select shoerail at a rate of 13" per each tread on kneewall. Select shoerail to cover all balcony landing tread, (if desired).	20-40		
22	FILLET	Select enough fillet to fill all plowed handrail and all shoerail.	20-40		
23	DOUBLE-END SCREW	Select one Dowel-Fast™ double-end wood screw for each baluster installed on open treads or level landings. This is optional, but highly recommended. Double-end wood screws are not needed for balusters installed within shoerail.	97		
24	BRACKETS (Open Stairs)	Select one bracket for each tread, (if desired).	95		
25	HARDWARE	Other installation hardware needed, such as, but not limited to, the following: Flush Mount Kit or Rail & Post Fastener to fasten the handrail to the newel posts; Wall Rail Brackets for any handrail attached to the wall; Wood Plugs, Wood Putty or Wood Glue.	89 97-98		

Post to Post Newel Applications

Each Post to Post newel series includes several newels of different lengths. The application for the newels in each series is identified below.

Shortest Utility Newel (48"—5" top face)	May be used as the starting newel on stairs depending on handrail profile and code requirements. Can be used as a balcony newel that is surface mounted.
Longest Utility Newel (58"—5" top face)	Use this newel as a starting newel for stairs with a 34"-38" rake rail height and for balcony newels that will extend below the floor surface.
2nd Floor Landing Newel (11" top face)	Use this newel for the 2nd floor landing newel when not using a landing fitting assembly (gooseneck). Will achieve a 36" balcony railing height.
Intermediate Landing Newel (73" overall—14 1/2" top face)	Use this newel for a level intermediate landing with <u>no</u> landing fitting assembly (gooseneck).
Intermediate Landing Newel (78" overall—5" top face)	Use this newel at the intermediate landing corner of an L-shaped stair with a landing fitting assembly (gooseneck), including landings with 2-winder or 3-winder treads. This newel is also available in 62" and 73" lengths for the Cornerstone Collection on pages 34-35.



IRON & WOOD POST TO POST STAIR SYSTEM

The following guidelines are designed to provide an accurate and complete list of components necessary to complete your Iron & Wood Post to Post Stair System. This checklist will provide the flexibility to comply with most building codes as they relate to handrail height and baluster spacing requirements. The following guidelines will achieve 34" - 38" rake rail heights. Always check local building codes before installation. All products in this catalog are for interior installations only.

Item		Guidelines	Page	Part #	Qty
SUPPORT SYSTEM					
1	SKIRTBOARD	Select skirtboard at 13" per tread, plus any additional length desired for extension beyond the first and last risers. Be sure to order enough skirtboard for both sides of the stairway.	92		
2	TREADS	Select one tread for each step. For a stair open on one side order miter-returned (MR1) and add 1½" to the skirtboard to skirtboard measurement, then refer to the next longer standard length available. For a stair open both sides order miter-returned both (MR2) and use the finished skirtboard to skirtboard measurement (measured outside to outside). For false treads see page 94.	92,94		
3	RISERS	Select one riser for each step. Select one more riser than treads per each flight because of landing tread (see #4). Note: Landing tread replaces the nosing over the last riser. For false risers see page 94.	93		
4	LANDING TREAD	Select sufficient lineal footage for the entire balcony and width of stairs at each landing. Note: LJ-8090-5 or LJ-8890-5 is suitable for all newels up to and including those that are 4" square. Larger newel posts might require the addition of a wood strip.	93		
5	COVE MOULD	Select sufficient lineal footage to go under all tread nosing (including miter-returns) and under all landing tread. Note: cove moulding is not needed under false treads.	93		
BALUSTRADE					
6	UTILITY NEWEL	For stairs with a 34"-38" rake rail height, select the 58" Utility newel for the starting newel. If handrail and balusters will be installed on both sides of the bottom of the stairway, two of these newels will be needed. See the Post to Post Newel Applications chart at the bottom of this page for further information on Utility Newel applications. If using Box Newels, select one for the starting newel at the bottom of the stairway. If handrail and balusters will be installed on both sides of the bottom of the stairway, two of these newels will be needed.	20-40 41-45		
7	PIN NEWEL	Use in the middle of a long rake run of handrail for strength. This newel does not require a handrail fitting. Pin newels are available in two turning styles only.	28, 30,34		
8	INTERMEDIATE LANDING NEWEL	Select the intermediate landing newel with the 14½" face when <u>not</u> using a landing fitting assembly (gooseneck). If a landing fitting assembly is used, select the 5" face intermediate landing newel. See the Post to Post Newel Applications chart at the bottom of this page for selecting the appropriate Intermediate Landing Newel(s) for your application. If using Box Newels, select an Intermediate Box Newel. Matching the Box Newel chosen in #6 may require adding additional length to the bottom of the post when used at the intermediate landing.	20-40 41-45		
9	SECOND FLOOR LANDING NEWEL	Select the 2nd Floor Landing Newel when <u>not</u> using a landing fitting assembly (36" balcony height). 42" balcony height requires the use of a landing fitting assembly. Use the 48" Utility Newel for surface mount when using a landing fitting assembly. If the newel extends below the floor surface, use the 58" Utility Newel with a landing fitting assembly. See the Newel Applications chart below... If using Box Newels, select a Box Newel or Intermediate Box Newel for the Second Floor Landing Newel.	20-40 41-45		
10	LEVEL RUN NEWEL	A level run, whether on the 2nd floor or at an intermediate landing, must include newel posts. It should match the post selected for the transition from rake to level or rake to rake (whichever is applicable). For a run of 10 feet or more, use a newel at the midpoint or every 5 to 6 feet. Place a newel at every corner.	20-40		
11	HALF NEWEL OR ROSETTES	Select the half-newel of the same style as the other full newels selected on the balcony (i.e.: 11" face or 5" face or Box Newel) Select the round rosette for all level run rail connections into a wall. Select the oval or rectangular rosette for all angled rail connections into a wall (when the rail meets the wall on a rake).	20-40 95		
13	NEWEL MOUNTING HARDWARE	Select one of the newel mounting kits for each newel post.	96		
14	RAKE IRON BALUSTERS FOR OPEN TREAD STAIR	Use three iron balusters per tread equally spaced according to code requirements. While not necessary, an alternating pattern is frequently desired. Note: Scroll style balusters cannot be used three per tread.	66-74		
15	RAKE IRON BALUSTERS FOR KNEEWALL STAIR	Select iron balusters at a rate of three per tread equally spaced according to building code compliance. Subtract one baluster from the calculated total as the starting newel replaces the first baluster. While not necessary, an alternating pattern is frequently desired.	67		
16	LEVEL RUN IRON BALUSTERS	To determine quantity of balusters needed, measure the total distance between the end newels on each level run. Place iron balusters equally spaced according to building code compliance. Subtract one baluster from the calculated total to account for the end of the run. Subtract one baluster for each newel post on the level run. Do not, however, subtract one for the newel post beneath the landing fitting assembly (gooseneck) at the 2nd floor landing. While not necessary, an alternating pattern is frequently desired.	66-74		
17	HANDRAIL	Select non-plowed handrail at a rate of 13" per each tread and include enough for all level runs. Our handrails are available in 8', 10', 12', 14', & 16' lengths. Some are also available in 18' & 20' lengths. See #18 for calculating wall rail.	20-40 88		
18	WALL RAIL	If local building codes require wall rail, select wall rail at a rate of 13" per each tread that is closed by a wall. Also, see #20 below. Note: any of our non-plowed handrail profiles may be used as wall rail, however, be sure to check with local building codes for space requirements between the rail and the wall. Wall rail requires wall rail brackets (see #26). Select one bracket for each end of the rail and at 2'-3' intervals between.	89 20-40 88		
19	HANDRAIL FITTINGS (Landing Fitting Components)	If using a Landing Fitting Assembly (gooseneck) with the Intermediate and/or Second Floor Landing Newels, match each corner of the floor plan to a corresponding plan on pages 86-87. Specify each Connect-A-Kit fitting component needed to construct the Landing Fitting Assembly(ies) or select traditional gooseneck fittings.	86-87		
20	HANDRAIL FITTINGS (Miscellaneous Components)	If continuous handrail is needed to transition from the rake balusters, around a wall, and continue up the stair as wall rail, select the appropriate "S" Fitting or select two level quarterturns.	83-84		
21	BOTTOM BALUSTER COLLARS	Select one bottom baluster collar for each baluster. See descriptions for applications.	66-74		
22	TOP BALUSTER COLLARS	Select one top baluster collar for each baluster (if desired). See descriptions for applications.	66-74		
23	IRON BALUSTER ACCESSORIES	If using PLA44 balusters, select the appropriate number of adjustable knuckles (if desired).	66		
24	BRACKETS (Open Stairs)	Select one bracket for each tread, (if desired).	95		
25	IRON BALUSTER EPOXY	Select construction epoxy for installing the iron balusters.	77		
26	HARDWARE	Other installation hardware needed, such as, but not limited to, the following: Flush Mount Kit or Rail & Post Fastener to fasten the handrail to the newel posts; Wall Rail Brackets for any handrail attached to the wall; Wood Plugs, Wood Putty or Wood Glue.	89 97-98		

Post to Post Newel Applications

Each Post to Post newel series includes several newels of different lengths. The application for the newels in each series is identified below.

Shortest Utility Newel (48"—5" top face)	May be used as the starting newel on stairs depending on handrail profile and code requirements. Can be used as a balcony newel that is surface mounted.
Longest Utility Newel (58"—5" top face)	Use this newel as a starting newel for stairs with a 34"-38" rake rail height and for balcony newels that will extend below the floor surface.
2nd Floor Landing Newel (11" top face)	Use this newel for the 2nd floor landing newel when not using a landing fitting assembly (gooseneck). Will achieve a 36" balcony railing height.
Intermediate Landing Newel (73" overall—14½" top face)	Use this newel for a level intermediate landing with <u>no</u> landing fitting assembly (gooseneck).
Intermediate Landing Newel (78" overall—5" top face)	Use this newel at the intermediate landing corner of an L-shaped stair with a landing fitting assembly (gooseneck), including landings with 2-winder or 3-winder treads. This newel is also available in 62" and 73" lengths for the Cornerstone Collection on pages 34-35.



WOOD OVER THE POST STAIR SYSTEM

The following guidelines are designed to provide an accurate and complete list of components necessary to complete your Wood Over the Post Stair System. This checklist will provide the flexibility to comply with most building codes as they relate to handrail height and baluster spacing requirements. The following guidelines will achieve 34" - 38" rake rail heights. Always check local building codes before installation. All products in this catalog are for interior installations only.

Item		Guidelines	Page	Part #	Qty
1	SKIRTBOARD	Select skirtboard at 13" per tread, plus any additional length desired for extension beyond the first and last risers. Be sure to order enough skirtboard for both sides of the stairway.	92		
2	STARTING STEP	For use with volutes and turnouts. Select a single or double bullnose starting step matching your floor plan to those shown on page 90. Be sure to select a starting step that coordinates with the chosen volute(s) and turnout(s). Measure finished skirtboards from outside to outside. For false starting steps see page 94.	90-91		
3	TREADS	Select one tread for each step (except the starting step). For a stair open on one side order miter-returned (MR1) and add 1 1/4" to the skirtboard to skirtboard measurement, then refer to the next longer standard length available. For a stair open both sides order miter-returned both (MR2) and use the finished skirtboard to skirtboard measurement (measured outside to outside). For false treads see page 94.	92-94		
4	RISERS	Select one riser for each step (except the starting step). Select one more riser than treads per each flight because of landing tread (see #5). Landing tread replaces the nosing over the last riser. For false risers see page 94.	93		
5	LANDING TREAD	Select sufficient lineal footage for the entire balcony and width of stairs at each landing. Note: L.J-8090-5 or L.J-8890-5 is suitable for all newels up to and including those that are 4" square. Larger newel posts might require the addition of a wood strip.	93		
6	COVE MOULD	Select sufficient lineal footage to go under all tread nosing (including miter-returns) and under all landing tread. Note: cove moulding is not needed under false treads.	93		
7	STARTING FITTING	Select either a standard volute, vertical volute, turnout, or starting easing with cap. Choose a climbing volute to eliminate the need for an unusually long starting newel.	81-82		
8	PIN NEWEL	Use under a vertical volute. This newel is also used in the middle of a long rake run of handrail for strength (does not require a handrail fitting). Pin newels are available in two turning styles only.	58, 60, 62		
9	UTILITY NEWEL (43")	Use everywhere except at the intermediate landing corner of an L-shaped stair and in situations listed in #8 above.	50-62		
10	UTILITY NEWEL (50")	Use for balcony newel(s) that will extend below the floor surface. Also use under a starting easing with cap when a starting step is not used, and the rake handrail height is 34" or higher.	50-62		
11	INTERMEDIATE LANDING NEWEL	Use the 58" intermediate landing newel at the intermediate landing corner of an L-shaped stair. Use the 73" intermediate landing newel in 2-winder or 3-winder situations. A 65" intermediate landing newel is also available in the Cornerstone Collection on pages 60-61.	50-62		
12	LEVEL RUN NEWEL	If the balcony is 10 feet or longer, use the 43" utility newel every 5 or 6 feet under a tandem cap. Place a newel at every corner under a quarterturn with cap. Use the 50" utility newel if the newel is to extend below the 2nd floor surface.	50-62		
13	HALF NEWEL	Select the half-newel of the same style as the other full newels selected on the balcony.	50-62		
14	OR ROSETTES	Select the round rosette for all level run rail connections into a wall. Select the oval or rectangular rosette for all angled rail connections into a wall (when the rail meets the wall on a rake).	95		
15	NEWEL MOUNTING HDWE	Select one of the newel mounting kits for each newel post.	96		
16	BALUSTERS FOR VOLUTES AND TURNOUTS	"L.J." Series Balusters: Standard volutes require four or six 1 1/4" balusters, or four 1 1/4" balusters. Turnouts require two 1 1/4" balusters, or one 1 1/4" balusters. For 34"-38" rake rail height, use 42" balusters under all standard volutes and turnouts. Climbing volute requirements: For 34" rake rail height, use three 38" and one or two 42" baluster(s). For 36" rake rail height, use four or five 42" balusters. "S-" Series Balusters: For 34"-38" rake rail height, use 42" balusters under standard volutes and turnouts.	50-63		
17	BALUSTERS FOR STARTING EASING WITH CAP	"L.J." Series Balusters: Use one 42" baluster for 34"-38" handrail height. "S-" Series Balusters: Use one 42" baluster for 34"-38" handrail height.	50-63		
18	RAKE BALUSTERS FOR OPEN TREAD STAIR	"L.J." Series Balusters: For 34"-38" handrail height, use the 38" baluster for the 1st baluster on the tread and use the 42" baluster for the 2nd baluster on the tread. If using three balusters per tread, use the 38" baluster for the 1st and 2nd balusters on the tread, and use the 42" baluster for the 3rd baluster on the tread. Note: when using three balusters per tread for 34"-38" rail height, the 42" baluster may not be long enough for use under a landing fitting assembly. "S-" Series Balusters: For 34"-38" rake handrail height, the first baluster on each tread is 36", the 2nd is 42", and if 3 balusters are used, the middle baluster is 39".	50-63		
19	RAKE BALUSTERS FOR KNEEWALL STAIR	"L.J." Series Balusters: Select the shortest available baluster at a rate of two or three per tread equally spaced according to building code compliance. Subtract one baluster from the calculated total as the starting newel replaces the first baluster. "S-" Series Balusters: Select the shortest available baluster at a rate of two or three per tread equally spaced according to building code compliance. Subtract one baluster from the calculated total as the starting newel replaces the first baluster.	50-63		
20	LEVEL RUN BALUSTERS	"L.J." Series Balusters: Use the 38" baluster for all 36" level runs/balconies. Use the 42" baluster for all 42" level runs/balconies (exception: an over the post rake rail height of 34"-38" requires 42" balusters for 36" and 42" level balconies). To determine quantity of balusters needed, measure the total distance between the end newels on each level run. Place balusters equally spaced according to building code compliance. Subtract one baluster from the calculated total to account for the end of the run. Subtract one baluster for each newel post on the level run. Do not, however, subtract one for the newel post beneath the landing fitting assembly (gooseneck) at the 2nd floor landing. "S-" Series Balusters: Use the 36" baluster for all 36" level runs/balconies. Use the 42" baluster for all 42" level runs/balconies. To determine quantity of balusters needed, measure the total distance between the end newels on each level run. Place balusters equally spaced according to building code compliance. Subtract one baluster from the calculated total to account for the end of the run. Subtract one baluster for each newel post on the level run. Do not, however, subtract one for the newel post beneath the landing fitting assembly (gooseneck) at the 2nd floor landing.	50-63		
21	HANDRAIL	Select handrail at a rate of 13" per each tread and include enough for all level runs. Our handrails are available in 8', 10', 12', 14', & 16' lengths. Some are also available in 18' & 20' lengths. See #22 for calculating wall rail.	50-63		
22	WALL RAIL	If local building codes require wall rail, select wall rail at a rate of 13" per each tread that is closed by a wall. Also see #24 below. Note: any of our non-plowed handrail profiles may be used as wall rail, however, be sure to check with local building codes for space requirements between the rail and the wall. Wall rail requires wall rail brackets (see #29). Select one bracket for each end of the rail and at 2'-3' intervals between.	89		
23	HANDRAIL FITTINGS (Landing Fitting Components)	Match each corner of the floor plan to a corresponding plan on pages 86-87. Specify each Conect-A-Kit fitting component needed to construct the Landing Fitting Assembly(ies) or select traditional gooseneck fittings.	86-87		
24	HANDRAIL FITTINGS (Miscellaneous Components)	Each newel must be covered with a fitting. Select an opening cap for each half-newel (this fitting will be cut on the job). If continuous handrail is needed to transition from the rake balusters, around a wall, and continue up the stair as wall rail, select the appropriate "S" Fitting or selected two level quarterturns.	83-84		
25	SHOERAIL FOR KNEEWALL STAIR/LEVEL RUN	Select shoerail at a rate of 13" per each tread on the kneewall. Select shoerail to cover all balcony landing tread, (if desired).	50-62		
26	FILLET	Select enough fillet to fill all plowed handrail and all shoerail.	50-62		
27	DOUBLE-END SCREW	Select one Dowel-Fast™ double-end wood screw for each baluster installed on open treads or level landings. This is optional, but highly recommended. Double-end wood screws are not needed for balusters installed within shoerail.	97		
28	BRACKETS (Open Stairs)	Select one bracket for each tread, (if desired).	95		
29	HARDWARE	Other installation hardware needed, such as, but not limited to, the following: Wall Rail Brackets for any handrail attached to the wall; Wood Plugs, Wood Putty or Wood Glue.	89		

Over the Post Newel Applications

Each Over the Post newel series includes several newels of different lengths. The application for the newels in each series is identified below.

Shortest Utility Newel (43")	Use this newel under all starting fittings (except Vertical Volutes and Starting Easings with Cap), and as a balcony newel that is surface mounted. (see "Longest Utility Newel" for exception on Starting Easing with Cap)
Longest Utility Newel (50")	Use this newel under a Starting Easing with Cap when a starting step is not used and the rake handrail height is 34" or higher. Can also be used as a balcony newel that will extend below the floor surface.
Intermediate Landing Newel (58")	Use this newel for level intermediate landings.
Intermediate Landing Newel (73")	Use this newel for intermediate landings with 2-winder or 3-winder treads. This newel is also available in 65" length for the Cornerstone Collection on pages 60-61.



IRON & WOOD OVER THE POST STAIR SYSTEM

The following guidelines are designed to provide an accurate and complete list of components necessary to complete your Iron & Wood Over the Post Stair System. This checklist will provide the flexibility to comply with most building codes as they relate to handrail height and baluster spacing requirements. The following guidelines will achieve 34" - 38" rake rail heights. Always check local building codes before installation. All products in this catalog are for interior installations only.

Item		Guidelines	Page	Part #	Qty
SUPPORT SYSTEM					
1	SKIRTBOARD	Select skirtboard at 13" per tread, plus any additional length desired for extension beyond the first and last risers. Be sure to order enough skirtboard for both sides of the stairway.	92		
2	STARTING STEP	For use with volutes and turnouts. Select a single or double bullnose starting step matching your floor plan to those shown on page 90. Be sure to select a starting step that coordinates with the chosen volute(s) and turnout(s). Measure finished skirtboards from outside to outside. For false starting steps see page 94.	90-91		
3	TREADS	Select one tread for each step (except the starting step). For a stair open on one side order miter-returned (MR1) and add 1 1/2" to the skirtboard to skirtboard measurement, then refer to the next longer standard length available. For a stair open both sides order miter-returned both (MR2) and use the finished skirtboard to skirtboard measurement (measured outside to outside). For false treads see page 94.	92,94		
4	RISERS	Select one riser for each step (except the starting step). Select one more riser than treads per each flight because of landing tread (see #5). Landing tread replaces the nosing over the last riser. For false risers see page 94.	93		
5	LANDING TREAD	Select sufficient lineal footage for the entire balcony and width of stairs at each landing. Note: LJ-8090-5 or LJ-8890-5 is suitable for all newels up to and including those that are 4" square. Larger newel posts might require the addition of a wood strip.	93		
6	COVE MOULD	Select sufficient lineal footage to go under all tread nosing (including miter-returns) and under all landing tread. Note: cove moulding is not needed under false treads.	93		
BALUSTRADE					
7	STARTING FITTING	Select either a standard volute, vertical volute, turnout, or starting easing with cap. Choose a climbing volute to eliminate the need for an unusually long starting newel.	81-82		
8	IRON NEWEL	Iron newels can be used at any location on the stairway as long as the proper mounting hardware is selected in step #16 below. See steps #9 thru #14 below if using wood newels.	75		
9	WOOD PIN NEWEL	Use under a vertical volute. This newel is also used in middle of a long rake run of handrail for strength (does not require a handrail fitting). Pin newels are available in two turning styles only.	58,60,62		
10	WOOD UTILITY NEWEL (43")	Use everywhere except at the intermediate landing corner of an L-shaped stair and in situations listed in #9 above. See the Over the Post Newel Applications chart at the bottom of the previous page for further information on over the post wood newel applications.	50-62		
11	WOOD UTILITY NEWEL (50")	Use for balcony newel(s) that will extend below the floor surface. Also use under a starting easing with cap when a starting step is not used, and the rake handrail height is 34" or higher.	50-62		
12	WOOD INTERMEDIATE LANDING NEWEL	Use the 58" intermediate landing newel at the intermediate landing corner of an L-shaped stair. Use the 73" intermediate landing newel in 2-winder or 3-winder situations. A 65" intermediate landing newel is also available in the Cornerstone Collection on pages 60-61.	50-62		
13	WOOD LEVEL RUN NEWEL	If the balcony is 10 feet or longer, use the 43" utility newel every 5 or 6 feet under a tandem cap. Place a newel at every corner under a quarterturn with cap. Use the 50" utility newel if the newel is to extend below the 2nd floor surface.	50-62		
14	WOOD HALF NEWEL	Select the half-newel of the same style as the other full newels selected on the balcony.	50-62		
15	OR ROSETTES	Select the round rosette for all level run rail connections into a wall. Select the oval or rectangular rosette for all angled rail connections into a wall (when the rail meets the wall on a rake).	95		
16	NEWEL MOUNTING HARDWARE	Select an Iron Newel Mounting Kit for each iron newel being used. LI-NWLFSH mounting kit is for use only with an iron newel mounted on a starting step. LI-NWLKIT mounting kit can be used to mount iron newels at any location.	75		
		Select one of the newel mounting kits for each wood newel post being used.	96		
17	IRON BALUSTERS FOR VOLUTES AND TURNOUTS	Standard volutes require six iron balusters. Climbing volutes require five iron balusters. Turnouts require two iron balusters. Scroll balusters cannot be used under volutes or turnouts.	66-74		
18	IRON BALUSTERS FOR STARTING EASING WITH CAP	Use one iron baluster under each Starting Easing with Cap.	66-74		
19	RAKE IRON BALUSTERS FOR OPEN TREAD STAIR	Use three iron balusters per tread equally spaced according to code requirements. While not necessary, an alternating pattern is frequently desired. Note: Scroll style balusters cannot be used three per tread.	66-74		
20	RAKE IRON BALUSTERS FOR KNEEWALL STAIR	Select iron balusters at a rate of three per tread and spaced according to building code compliance. Subtract one baluster from the calculated total as the starting newel replaces the first baluster. While not necessary, an alternating pattern is frequently desired. Please check building codes for baluster spacing compliance.	67		
21	LEVEL RUN IRON BALUSTERS	To determine quantity of balusters needed, measure the total distance between the end newels on each level run. Place iron balusters equally spaced according to building code compliance. Subtract one baluster from the calculated total to account for the end of the run. Subtract one baluster for each newel post on the level run. Do not, however, subtract one for the newel post beneath the landing fitting assembly (gooseneck) at the 2nd floor landing. While not necessary, an alternating pattern is frequently desired.	66-74		
22	HANDRAIL	Select handrail at a rate of 13" per each tread and include enough for all level runs. Our handrails are available in 8', 10', 12', 14', & 16' lengths. Some are also available in 18' & 20' lengths. See #23 for calculating wall rail.	50-63, 88		
23	WALL RAIL	If local building codes require wall rail, select wall rail at a rate of 13" per each tread that is closed by a wall. See #25 below. Note: any of our non-plowed handrail profiles may be used as wall rail, however, be sure to check with local building codes for space requirements between the rail and the wall. Wall rail requires wall rail brackets (see #31). Select one bracket for each end of the rail and at 2'-3' intervals between.	89, 50-63, 88		
24	HANDRAIL FITTINGS (Landing Fitting Components)	Match each corner of the floor plan to a corresponding plan on pages 86-87. Specify each Conect-A-Kit fitting component needed to construct the Landing Fitting Assembly(ies) or select traditional gooseneck fittings.	86-87		
25	HANDRAIL FITTINGS (Miscellaneous Components)	Each newel must be covered with a fitting. Select an opening cap for each half-newel (this fitting will be cut on the job). If continuous handrail is needed to transition from the rake balusters, around a wall, and continue up the stair as wall rail, select the appropriate "S" Fitting or select 2 level quarterturns.	83-84		
26	BOTTOM BALUSTER COLLARS	Select one bottom baluster collar for each baluster. See descriptions for applications.	66-74		
27	TOP BALUSTER COLLARS	Select one top baluster collar for each baluster (if desired). See descriptions for applications.	66-74		
28	IRON BALUSTER ACCESSORIES	If using PLA44 balusters, select the appropriate number of adjustable knuckles (if desired).	66		
29	BRACKETS (Open Stairs)	Select one bracket for each tread, (if desired).	95		
30	IRON BALUSTER EPOXY	Select construction epoxy for installing the iron balusters.	77		
31	HARDWARE	Other installation hardware needed, such as, but not limited to, the following: Wall Rail Brackets for any handrail attached to the wall; Wood Plugs, Wood Putty or Wood Glue.	89, 97-98		

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