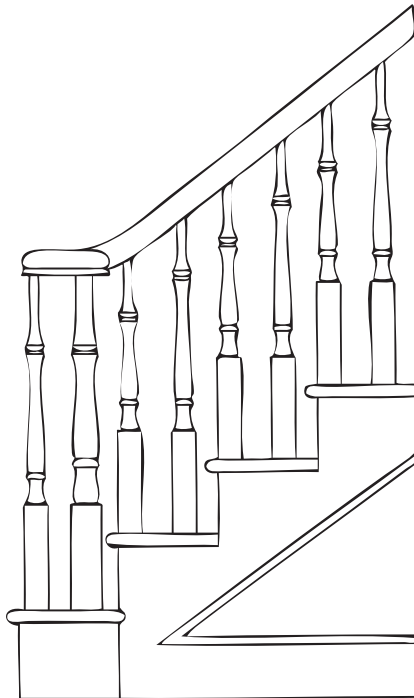




Cumberland

Trim Doors & Design



Stair Parts Catalog

Corporate Office
3025 Highway 90 Bronston, Kentucky 42518
Phone: (606) 561-4242 Fax: (606) 561-4379
www.cumberlandtdd.com

Thank you for considering Cumberland Millwork & Supply, Inc. for your stair part needs. This brochure introduces you to our stock of stair parts. Poplar and oak are readily available, exotic species are available on a per job quote.

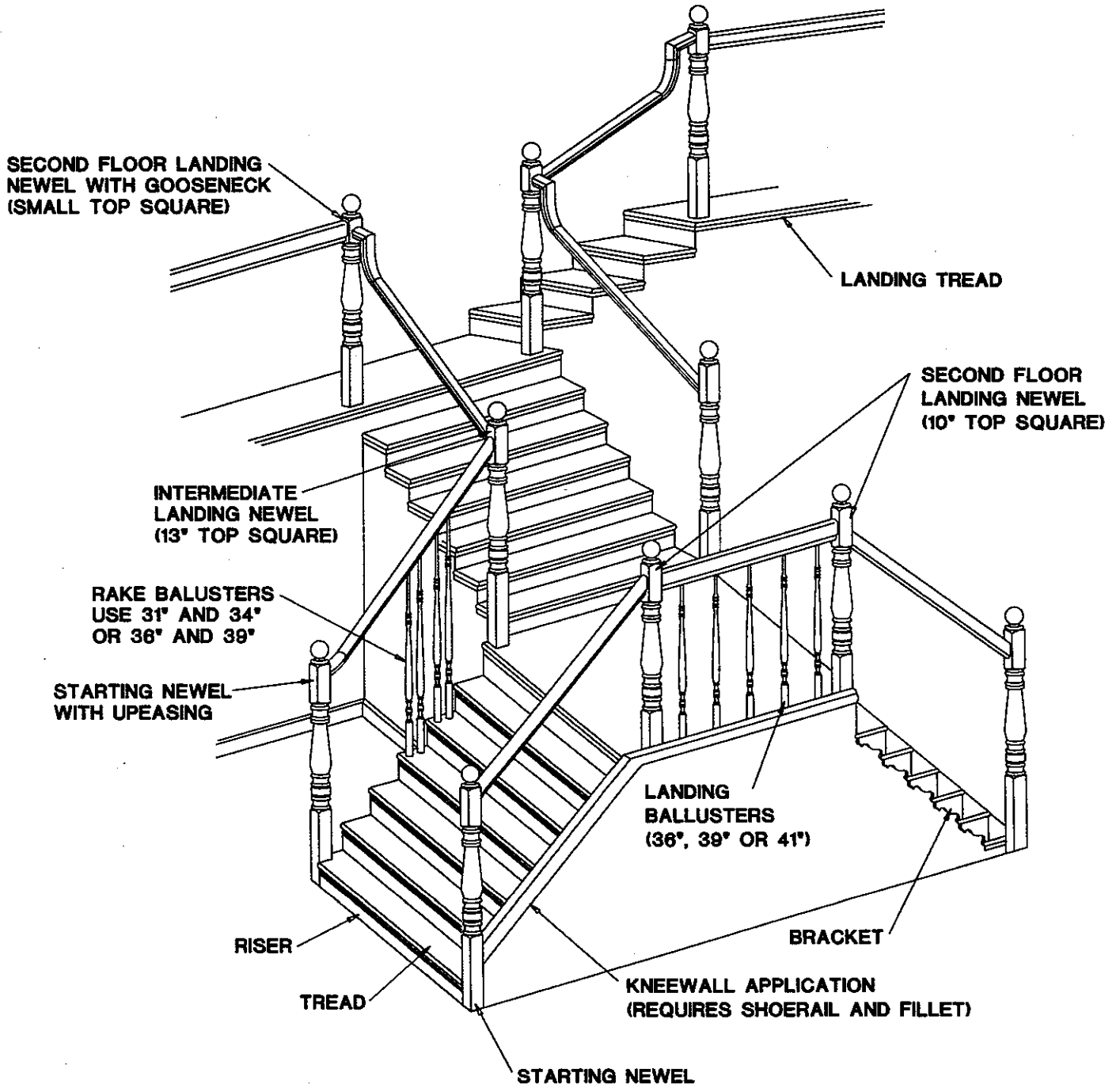
Straight, L-shape, Circular and Spiral Staircase parts are available to fit your special site needs. Please give us a call or come by our showroom to inquire about your Cumberland Millwork & Supply staircase.

"Striving to be the best in interior millwork."

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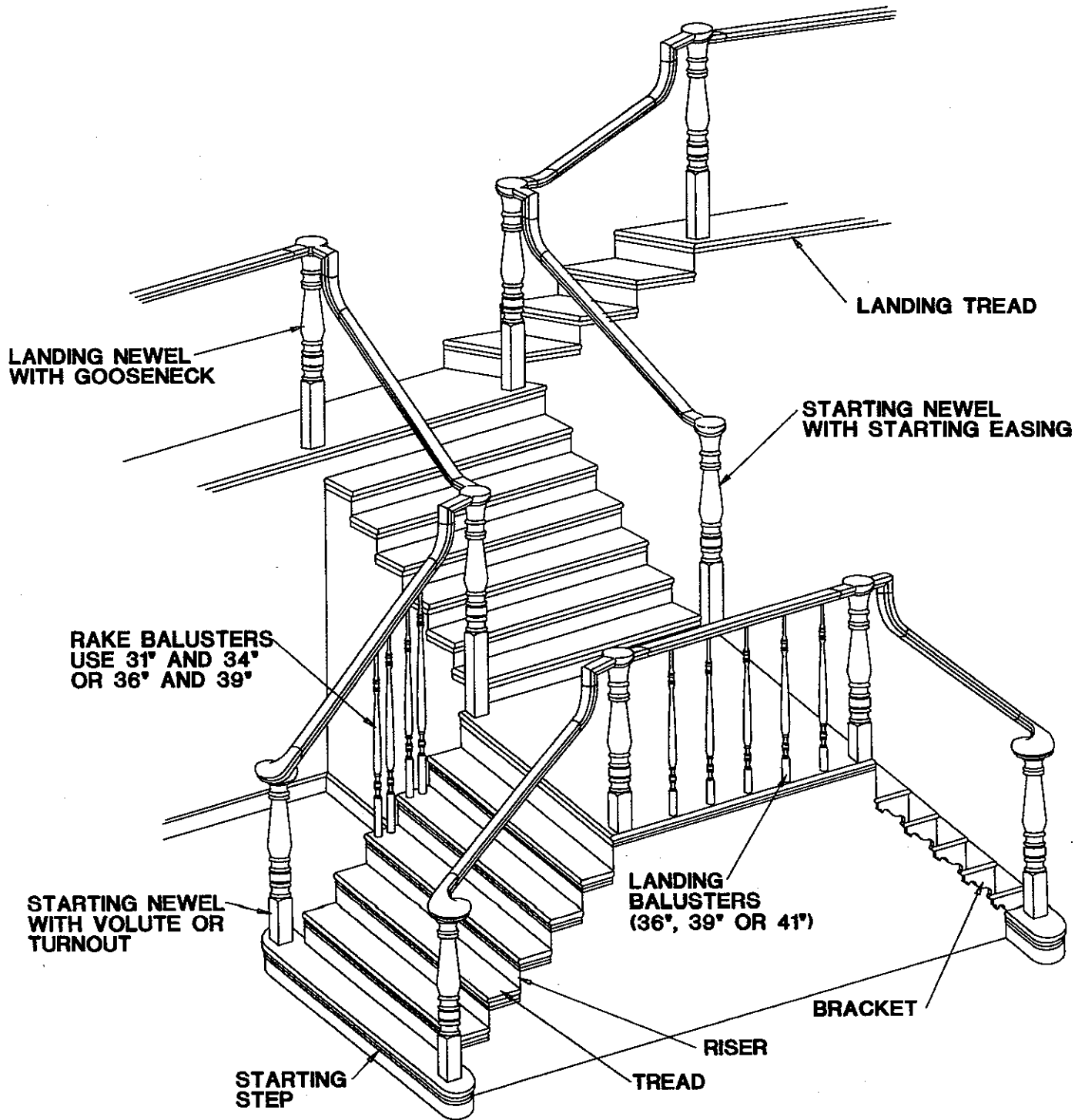
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Post to Post Systems



	ITEM	GUIDELINES	PAGE NO.
Support System			
1	Treads	Select one tread for each step (except the starting step). For a stair open one side order miter-returned, then refer to the next longer standard length available. For a stair open both sides order mitered both and refer to stringer to stringer measurement (measured outside to outside).	11
2	Risers	Select one riser for each step (except the starting step). Select one more riser than treads per each flight because of landing tread. Landing tread replaces nosing over last riser.	11
3	Landing Tread	Select sufficient lineal footage for the entire balcony and width of stairs at each landing.	11
4	Cove Mold	Select sufficient lineal footage to go under all tread nosing (including miter-returns) and under all landing tread.	8
Balustrade			
5	Starting Newel	For a 30" rake rail height, use the shortest available starting newel. For a 34" rake rail height, use the longest available starting newel. Select one for each side with handrail.	15-18
6	Intermediate Landing Newel (Rake to Rake)	Select an intermediate landing newel with 13" face when <u>not</u> using a landing fitting assembly. If a landing fitting is used, select the 5" or 10" face intermediate landing newel.	15-18
7	Second Floor Landing Newel (Rake to Level)	Select the 2nd floor landing newel with 10" or 13" face when <u>not</u> using a landing fitting. If a 2nd floor landing fitting is used, use a newel with a 5" or 10" face.	15-18
8	Balcony Newel (On the Level Run)	Match the balcony newel (s) to the 2nd floor landing newel (s). 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.	15-18
9	Half Newel or	Select the half-newel of the same style as the other full newels on the balcony. (i.e. 10" face or 5").	15-18
10	Rosettes	Select the rosette for all level or angled run rail connections into a wall.	9
11	Newel Mounting Hardware	Select one of the newel mounting kits for each newel post (if desired)	9
12	Rake Balusters (Open Stairs)	For 30" rail height use 31" for the 1st baluster on the tread and use 34" 2nd baluster on the tread. For 34" rail height use 36" for the 1st baluster and 39" for the 2nd baluster on the tread.	14
13	Rake Balusters (Kneewall Stairs)	Use the 31" or 34" baluster at a rate of 2 per tread. Place on 4" to 6" centers. Subtract one baluster from the calculated total as the starting newel replaces the first baluster.	14
14	Level Run Balusters	Use the 36" or 39" baluster for all level runs/balconies. Place on 4" to 6" centers. 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 at the 2nd floor landing.	14
15	Handrail	Select handrail at a rate of 13" per each tread and include enough for all level runs.	10
16	Shoerail (Kneewall-Rake)	Select shoerail at a rate of 13" per each tread.	11
17	Shoerail (Level Runs)	Select shoerail to cover all balcony landing tread (if desired).	11
18	Fillet	Select enough fillet to fill all plowed handrail and all shoerail.	11
19	Plugs	Select two wood plugs for every newel (depending on installation requirements).	9
20	Hardware	Select one Dowel-Fast double-end wood screw for each baluster. this is optional, but highly recommended. Double-end wood screws are not needed for balusters installed within shoerail.	9
21	Brackets (Open Stairs)	Select one bracket for each tread (if desired).	9

Over the Post Systems



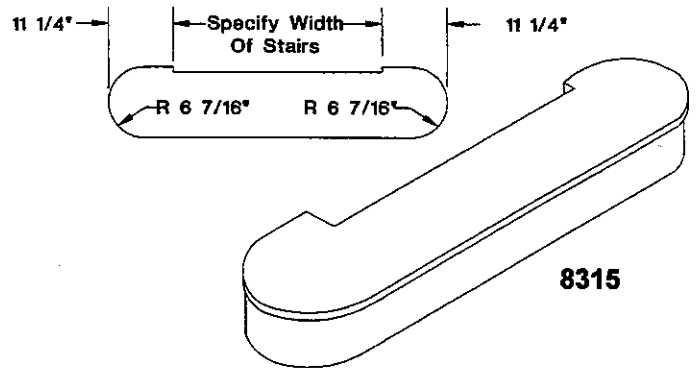
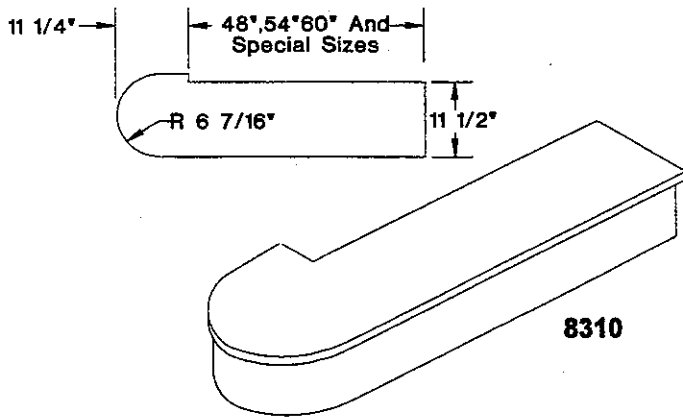
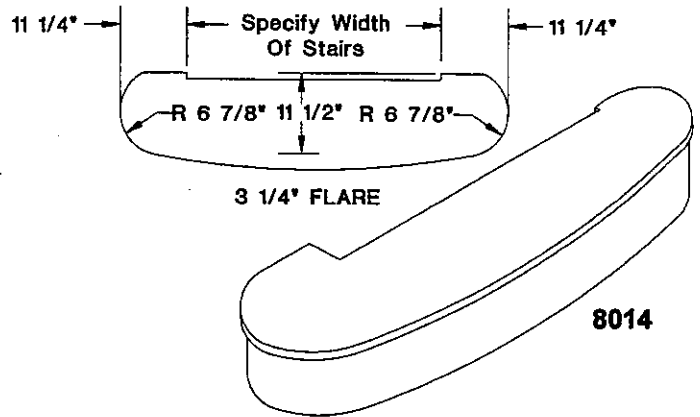
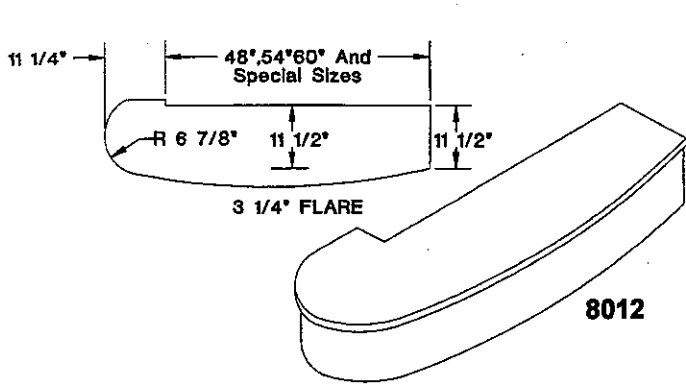
	ITEM	GUIDELINES	PAGE NO.
Support System			
1	Starting Step	For use with volutes and turnouts. Select for bullnose on one or both ends. Measure finished stringers from outside to outside.	8
2	Treads	Select one tread for each step (except the starting step). For a stair open one side order miter-returned, then refer to the next longer standard length available. For a stair open both sides order mitered both and refer to stringer to stringer measurement (measured outside to outside).	11
3	Risers	Select one riser for each step (except the starting step). Select one more riser than treads per each flight because of landing tread. Landing tread replaces nosing over last riser.	11
4	Landing Tread	Select sufficient lineal footage for the entire balcony and width of stairs at each landing.	11
5	Cove Mold or Scribe Mold	Select sufficient lineal footage to go under all tread nosing (including miter-returns) and under all landing tread.	8
Balustrade			
6	Starting Fitting	Select either a volute turnout, or starting easing w/cap.	12
7	Starting Newel	Use everywhere except at the intermediate landing corner of an L-shaped stair.	19
8	Intermediate Landing Newel	Use the intermediate landing newel at the intermediate landing corner of an L-shaped stair.	19
9	Level Run Newel	If the balcony is 10 feet or longer, use the starting newel every 5 or 6 ft. under a tandem cap. Place a newel at every corner under a quarterturn with cap. Use the 50" landing newel if the newel is to extend below the 2nd floor surface.	19
10	Half Newel or Rosettes	Select the half-newel of the same style as the other full newels on the balcony.	19
11		Select a round rosette for all level run rail connections into a wall.	9
12	Newel Mounting Hardware	Select one of the newel mounting kits for each newel post (if desired).	9
13	Balusters for Volutes and Turnouts	Volutes require 4 or 6 - 1 1/4" or 4-1 3/4" balusters. Turnouts require 2- 1 1/4" or 1 -1 3/4" Balusters. For 30" rail height use 36" Baluster under Volutes. For 34" rail height use 41" Balusters under volutes.	14
14	Balusters for Starting easing With Cap (Open Stairs)	Use 1-36" Baluster for 30" rail height, or use 1-39" Baluster for 34" rail height.	14
15	Rake Balusters (Open Stairs)	For 30" rail height use 31" for the 1st. Baluster on the tread and use 34" 2nd. Baluster on the tread. For 34" rail height use 36" for the 1st. Baluster and 39" for the 2nd. Baluster on the tread.	14
16	Rake Balusters (Kneewall Stairs)	Use the 31" or 34" baluster at a rate of 2 per tread. Place on 4" to 6" centers. Subtract one baluster from the calculated total as the starting newel replaces the first baluster.	14
17	Level Run Balusters	Use the 36" or 39" baluster for all level runs/balconies. Place on 4" to 6" centers. 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 at the 2nd. floor landing.	14
18	Handrail	Select Handrail at a rate of 13" per each tread and include enough for all level runs.	10
19	Handrail Fittings (Landing Fittings)	Match each corner of the floor plan to a corresponding plan on pages 12-13 of the systems catalog. Specify each landing fitting needed to construct the landing fitting.	12-13
20	Handrail Fittings (Over half-newel)	Select the opening cap which corresponds to the rail to cover each half-newel (i.e.-6010 requires -7019). This will be cut on the job.	12-13
21	Handrail Fittings (Miscellaneous)	Each newel or half-newel must be covered with a fitting. Select the fittings from the drawings on pages 12-13 of the systems catalog.	12-13
22	Shoerail (Kneewall-Rake)	Select shoerail at a rate of 13" per each tread.	11
23	Shoerail (Level Runs)	Select shoerail to cover all balcony landing tread (if desired).	1
24	Fillet	Select enough fillet to fill all plowed handrail and all shoerail.	11

Starting Steps

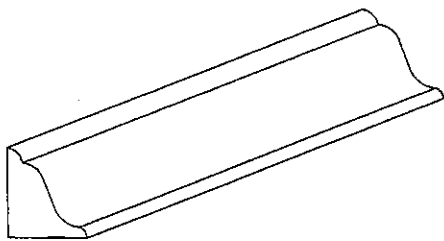
For use with **VOLUTES** and **TURNOUTS**.

Specifications: Treads $1\text{-}1/32'' \times 16\text{-}1/4''$. Total Rise $8\text{-}1/32''$. Riser $3/4'' \times 7''$.

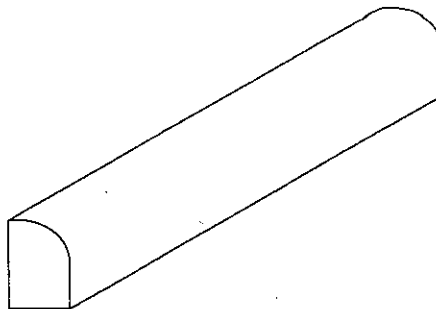
For use with all handrails with **VOLUTES** or **TURNOUTS**.



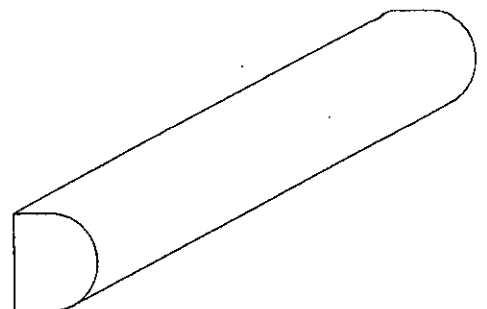
Molding



95
Scribe Molding
 $1/2'' \times 3/4''$

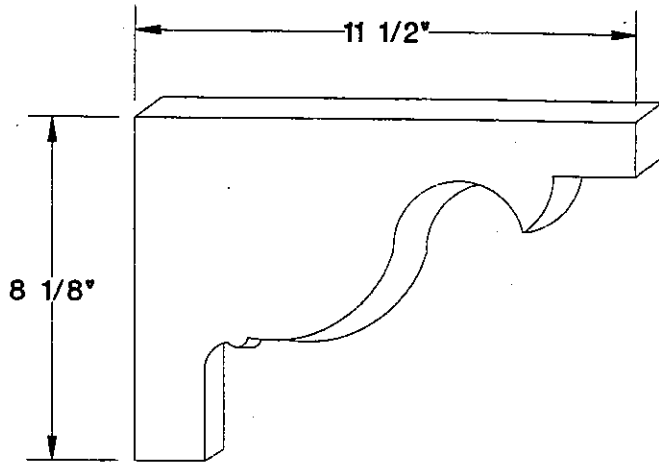


127
Shoe Molding
 $1/2'' \times 3/4''$

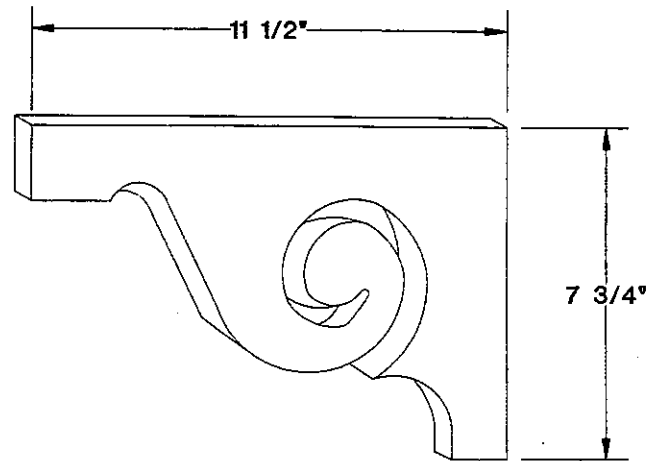


RN-13
Tread Return Nosing
 $1\text{-}1/16'' \times 1\text{-}1/4'' \times 13''$

Brackets

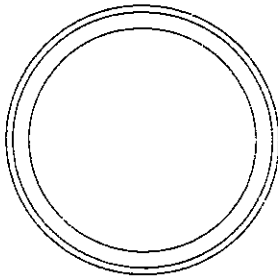


7028
Bracket 11-1/2" x 8-1/8" x 3/8"

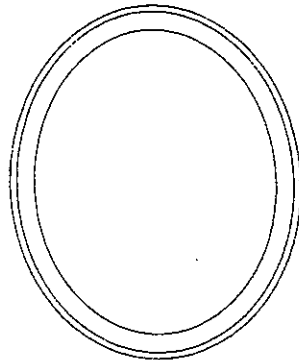


7029
Bracket 11-1/2" x 7-3/4" x 3/8"

Rosettes

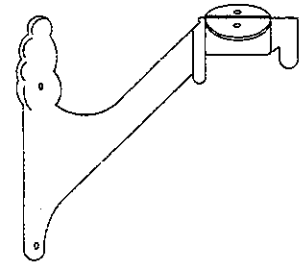


7017 4-1/2"



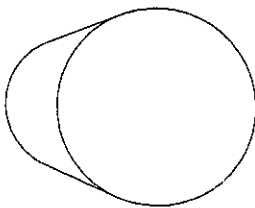
7037 4" X 5-1/2"

Wall Rail Bracket

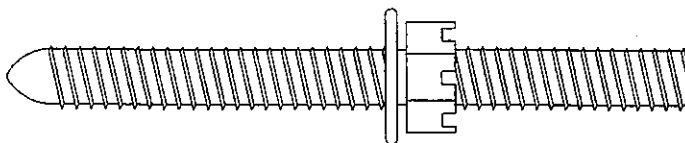


3002

Plugs & Rail Bolts

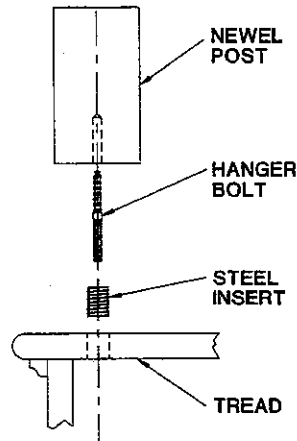


3000
Rail Plug
(Tapered) 1"

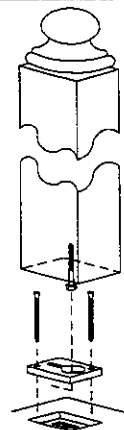


3001 Rail Bolt 5/16" x 3-1/2"

Castle Nut



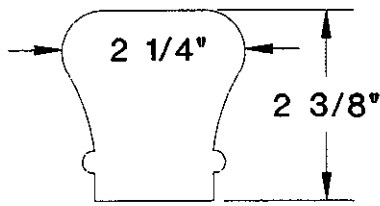
3004
Newel Mounting Kit



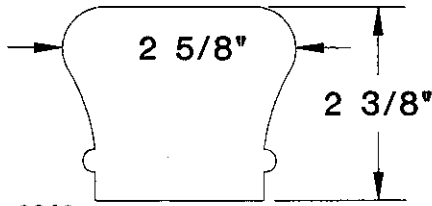
3005
Key Lock
3/8" x 1-7/8" x 2-5/8"

Rails

Traditional

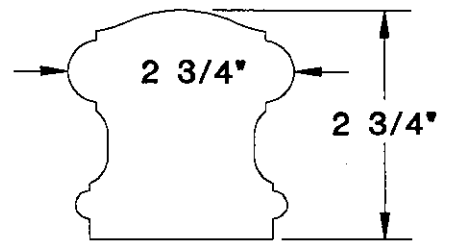


6010
Available Plowed
1-1/4" only
Fittings Available



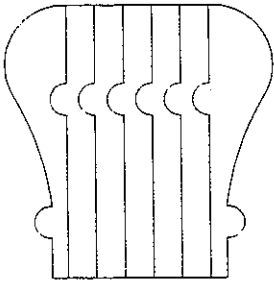
6210
Available Plowed
1-1/4" or 1-3/4"
Fittings Available

Hampton

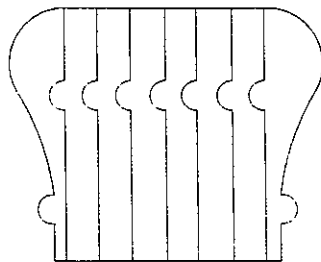


6810
Available Plowed
1-1/4" or 1-3/4"
Fittings Available

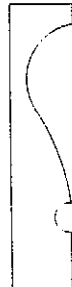
Bending Rails



6010-B
7 pcs.



6210-B
8 pcs.

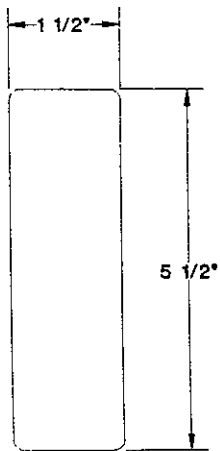


6010-BM
Bending Rail Mold

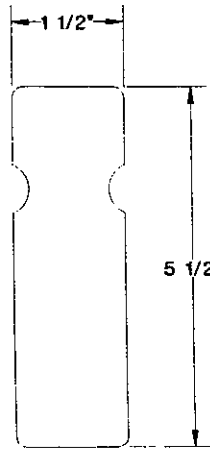


6810-B

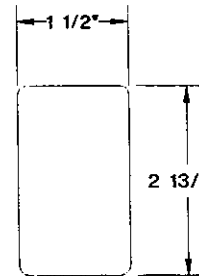
Contemporary Rails



6003
No Fittings
Available

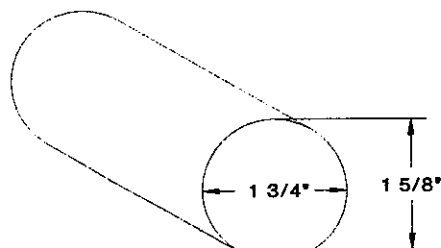


6203
No Fittings
Available



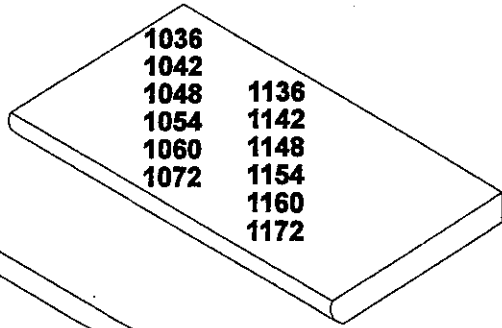
6002
No Fittings
Available

Wall Rails

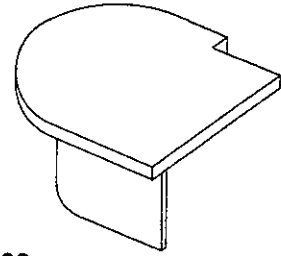


6040

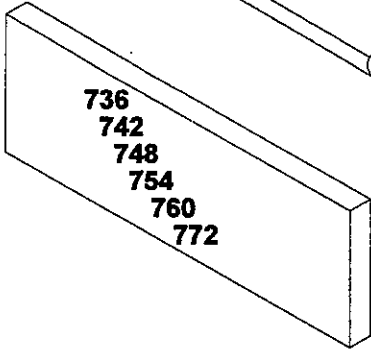
Treads and Risers



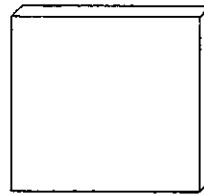
Plain Treads
1-1/32" x 10-1/2" or
11-1/2"



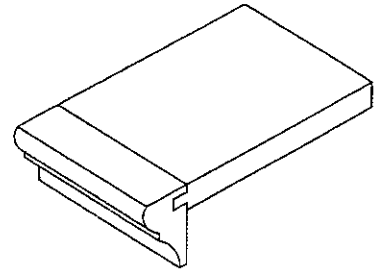
8310-06
False End Starting Step
Specify RH or LH



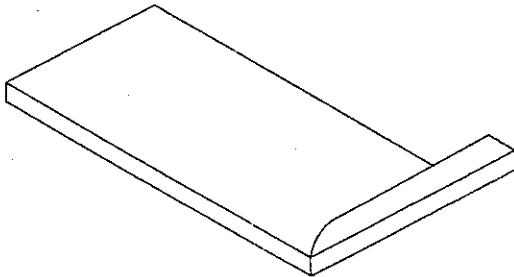
Riser
3/4" x 7-1/2"
Standard
Lengths



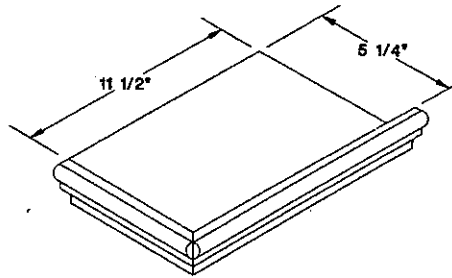
706
False End Risers



8072
False End Treads
No Return
5-1/4" x 11-1/2"

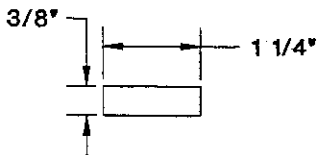


Mitered return treads - Specify right or left hand
or dbl. end

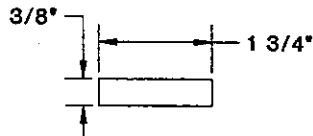


8074
False End Treads
Specify RH or LH

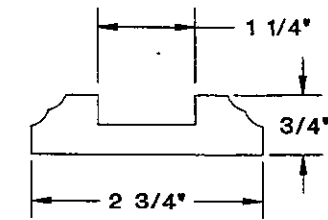
Shoe Rails



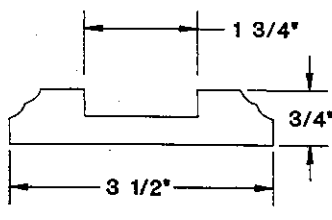
6050



6007

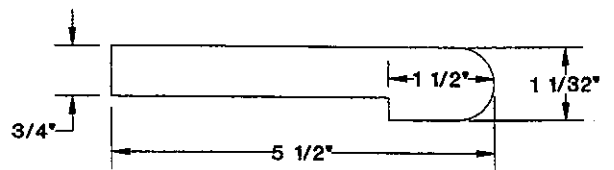


6045



6006

Landing Tread



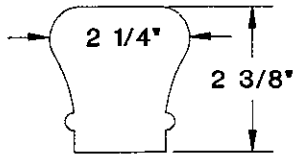
8095

Traditional & Hampton Fittings

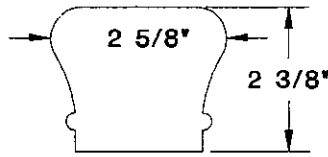
6010, 6210 rails.

The matching fittings for any handrail will have an identical second digit.

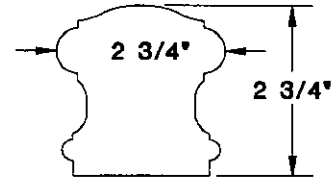
For example: 6010 matches 7030.



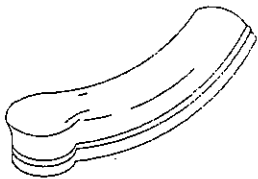
6010
Traditional



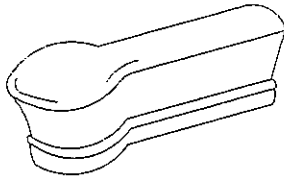
6210
Traditional



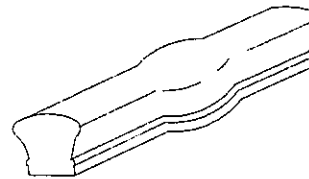
6810
Hampton



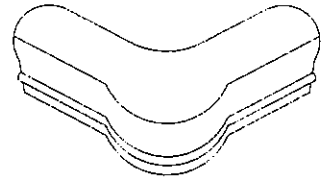
7010, 7210, 7810
Starting Easing



7019, 7219, 7819
Opening Cap

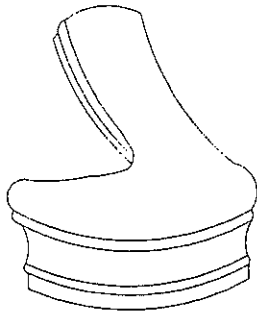


7020, 7220, 7820
Tandem Cap

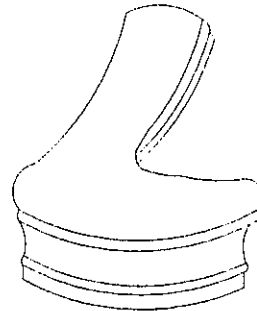


7021, 7221, 7821
Quarterturn Cap

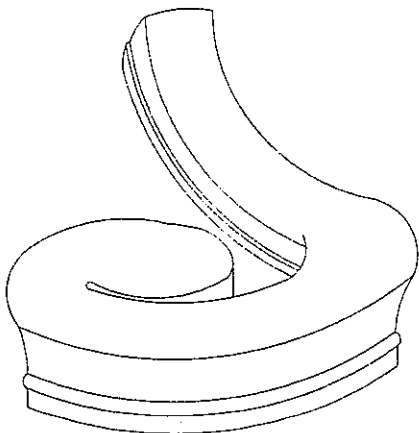
Volutes & Turnouts



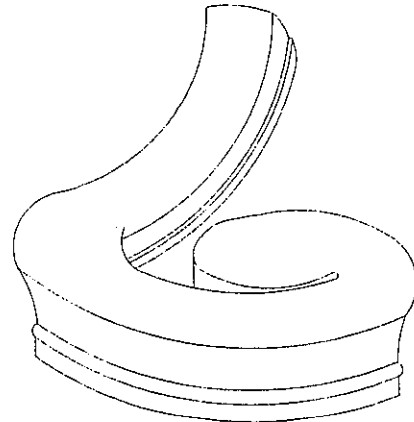
7040, 7240, 7840
Left Hand Turnout



7045, 7245, 7845
Right Hand Turnout



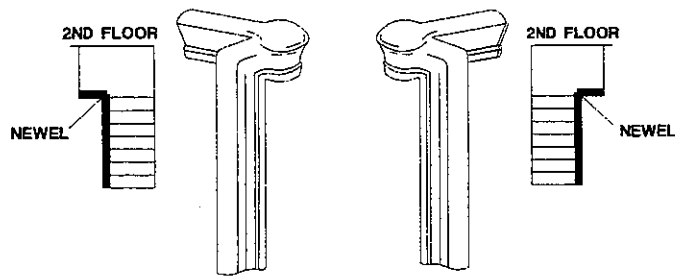
7030, 7230, 7830
Left Hand Volute



7035, 7235, 7835
Right Hand Volute

Gooseneck Fittings

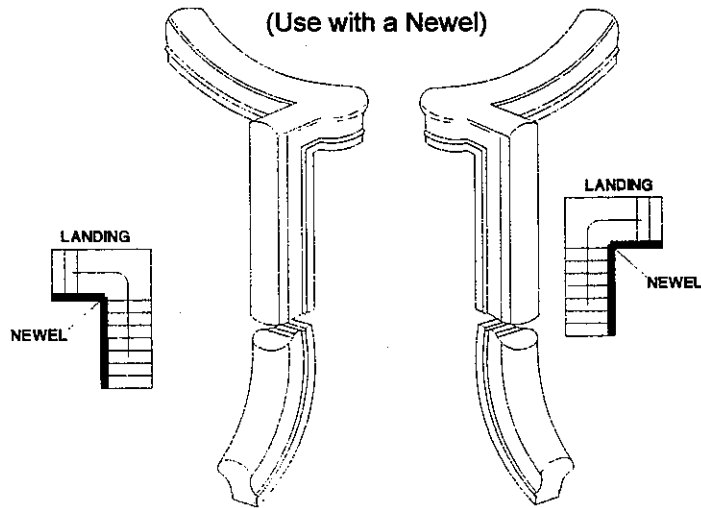
(Use with a Newel)



7081, 7281, 7881
Left Hand 2-Riser with Cap

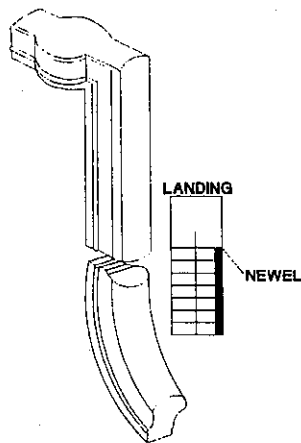
7086, 7286, 7886
Right Hand 2-Riser with Cap

(Use with a Newel)

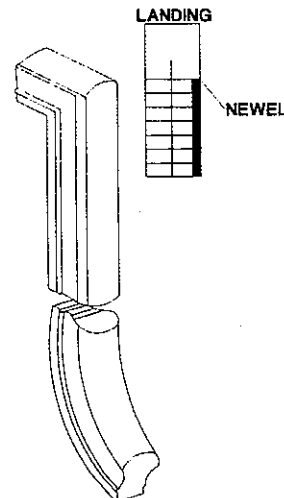


7060, 7260, 7860
Left Hand 2-Riser
with Cap

7065, 7265, 7865
Right Hand 2-Riser
with Cap

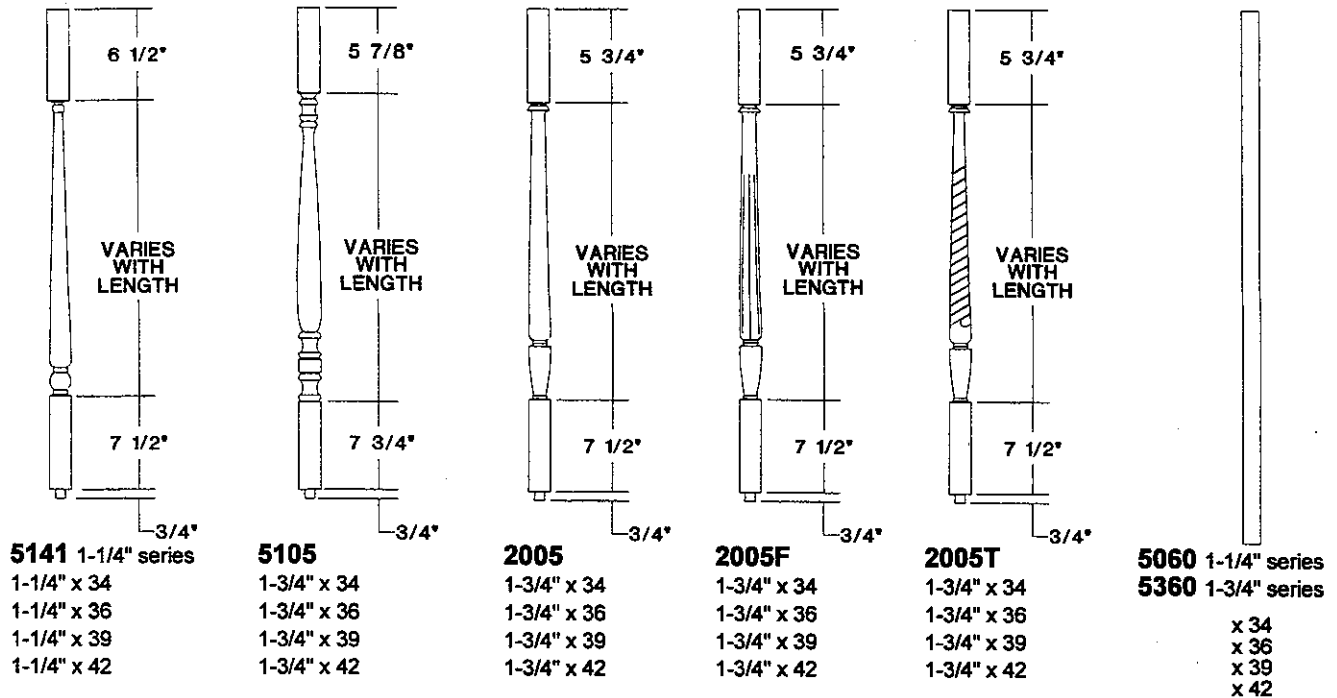


7089, 7289, 7889
Straight 2-Riser with
Tandem Cap



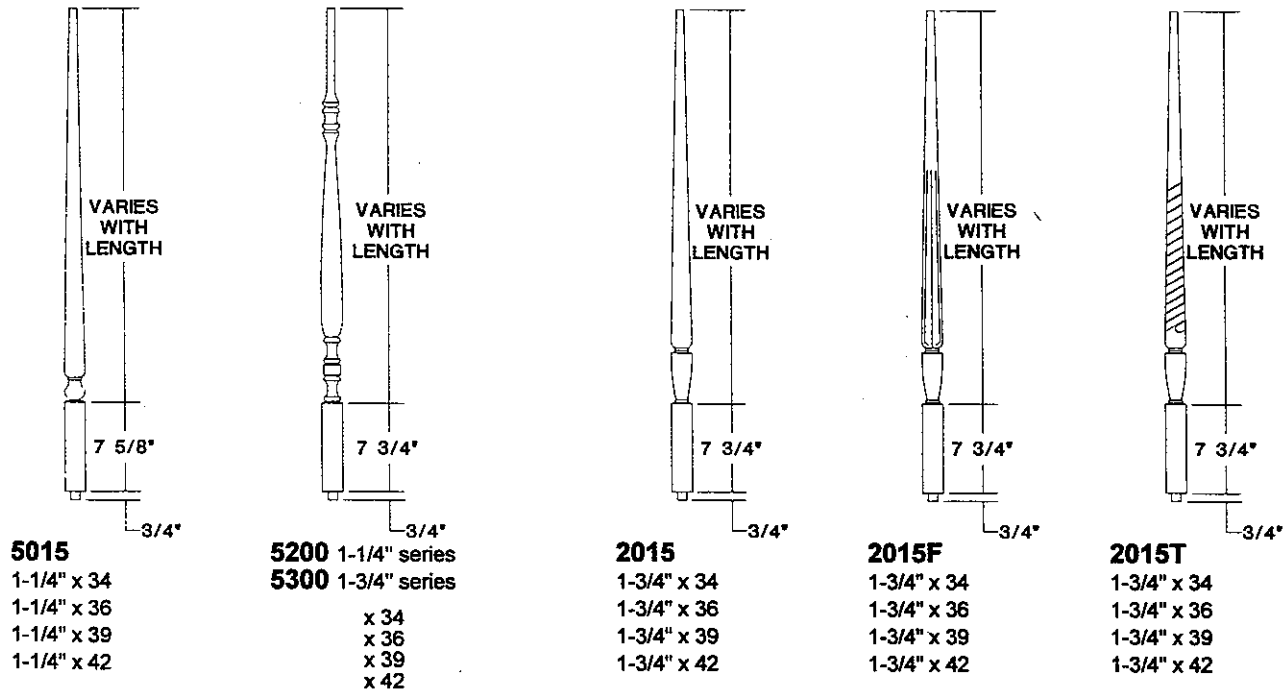
7099, 7299, 7899
Straight 2-Riser No Cap

Square Top Balusters



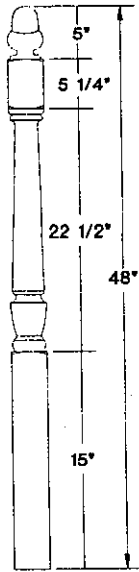
* 42" Bottom Square is Larger

Pin Top Balusters

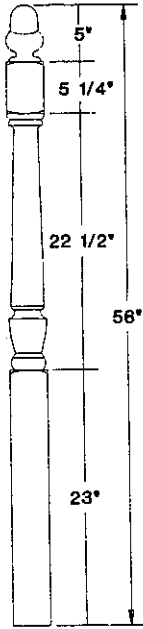


* 42" Bottom Square is Larger

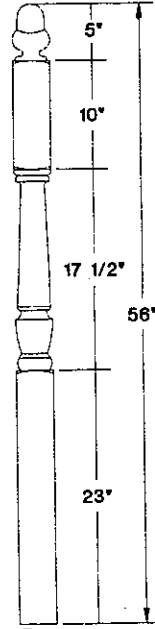
Newels



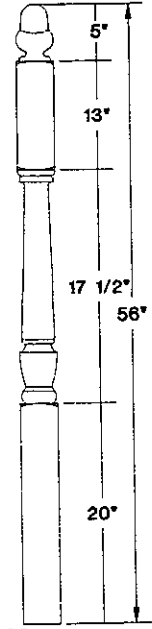
3030
3-1/2" x 48"
Starting Newel



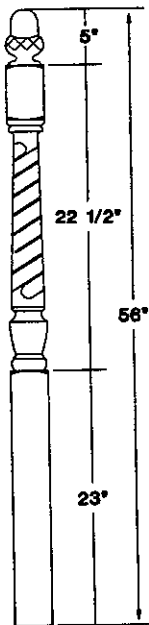
3042
3-1/2" x 56"
Starting Newel



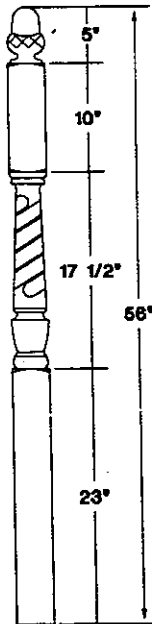
3045
3-1/2" x 56"
2nd Floor
Landing Newel



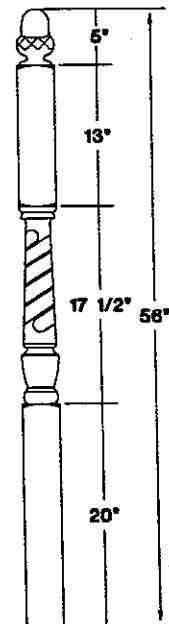
3046
3-1/2" x 56"
Intermediate
Landing Newel



3042T
3-1/2" x 56"
Starting Newel

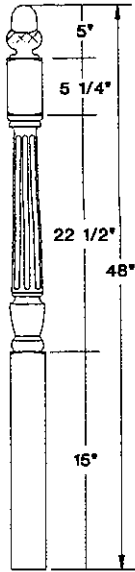


3045T
3-1/2" x 56"
2nd Floor
Landing Newel

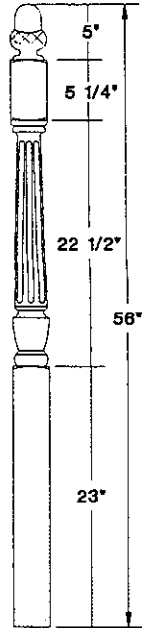


3046T
3-1/2" x 56"
Intermediate
Landing Newel

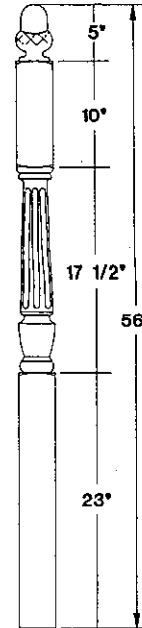
Newels



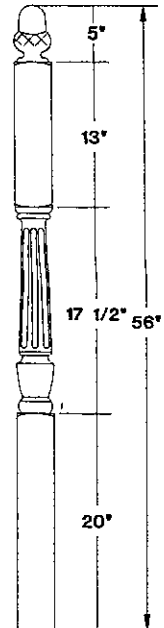
3030F
3-1/2" x 48"
Starting Newel



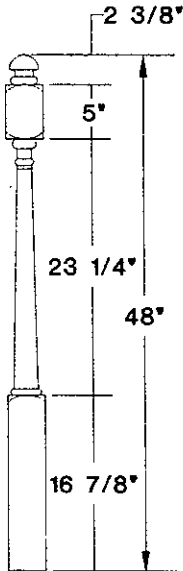
3042F
3-1/2" x 56"
Starting Newel



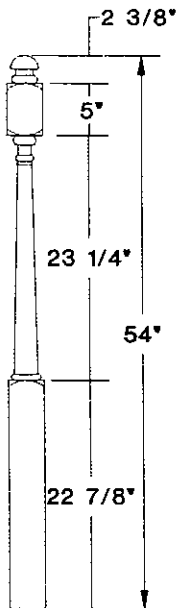
3045F
3-1/2" x 56"
2nd Floor
Landing Newel



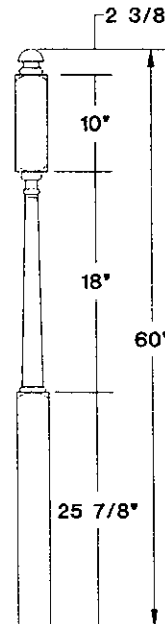
3046F
3-1/2" x 56"
Intermediate
Landing Newel



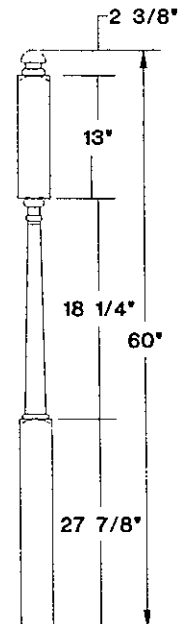
4040
3" x 48"
Starting Newel



4042
3" x 54"
Starting Newel

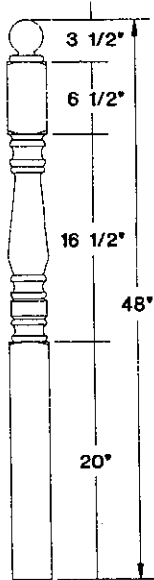


4045
3" x 60"
2nd Floor
Landing Newel

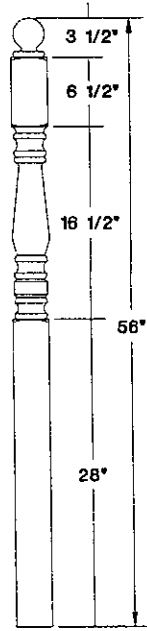


4046
3" x 60"
Intermediate
Landing Newel

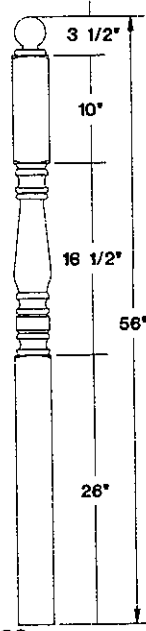
Newels



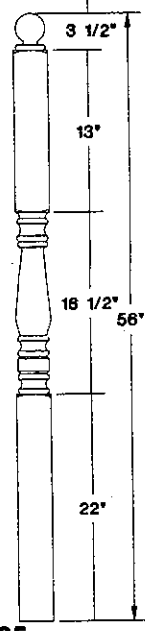
4500
3-1/2" x 48"
Starting Newel



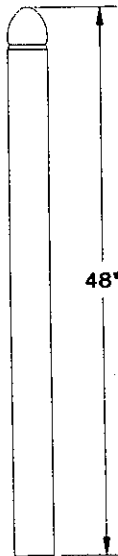
4504
3-1/2" x 56"
Landing Newel



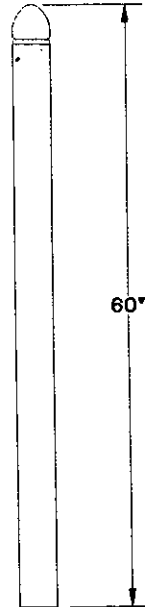
4503
3-1/2" x 56"
Landing Newel



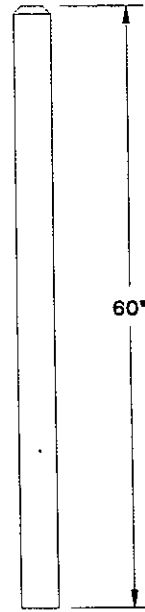
4505
3-1/2" x 56"
Landing Newel



4004
3-1/2" x 48"
Starting Newel

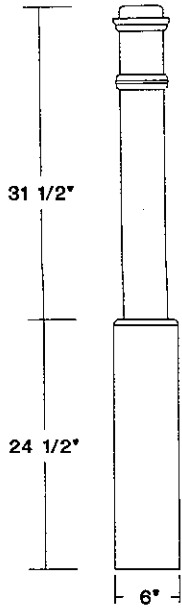


4005
3-1/2" x 60"
2nd Floor
Landing Newel

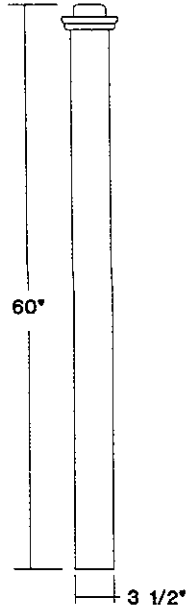


4001
3-1/2" x 60" S4S

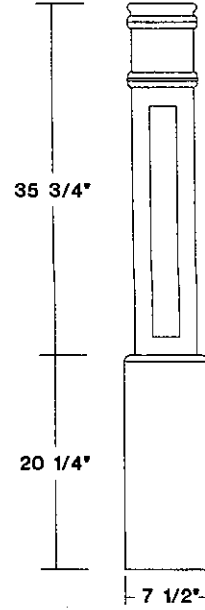
Box Newels



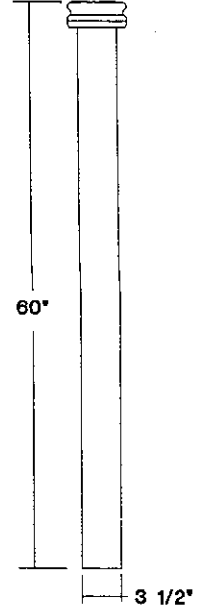
4091
6" x 54"
Starting Newel



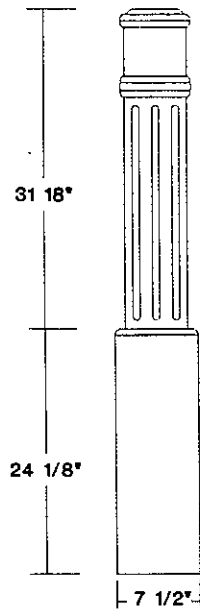
4075
3-1/2" x 60"
Landing Newel



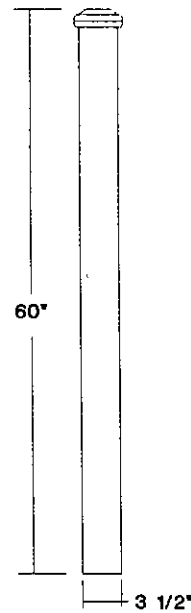
4191
7-1/2" x 56"
Starting Newel



4175
3-1/2" x 60"
Landing Newel

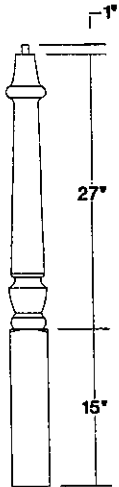


4291
7-1/2" x 56"
Starting Newel

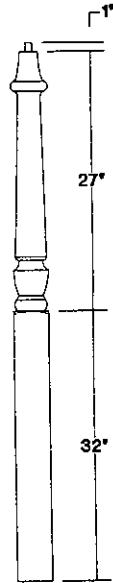


4375
3-1/2" x 60"
Landing Newel

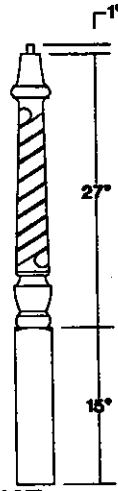
Pin Top Newels



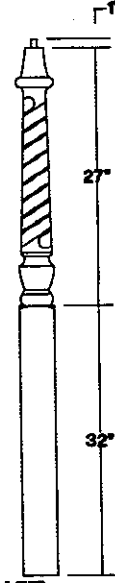
3010
3-1/2" x 43"
Starting Newel



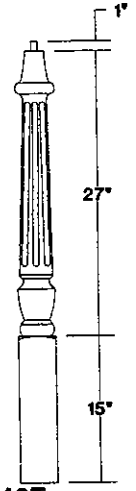
3015
3-1/2" x 60"
Gooseneck
Landing Newel



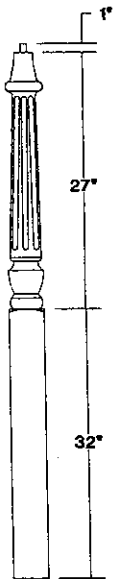
3010T
3-1/2" x 43"
Starting Newel



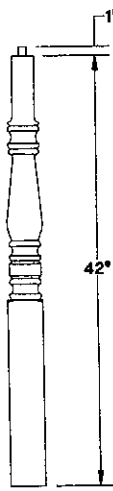
3015T
3-1/2" x 60"
Gooseneck
Landing Newel



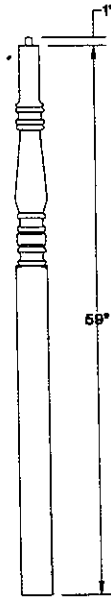
3010F
3-1/2" x 43"
Starting Newel



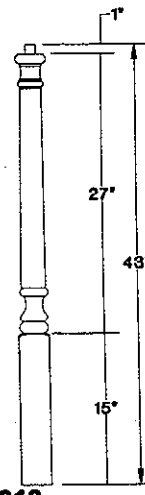
3015F
3-1/2" x 60"
Gooseneck
Landing Newel



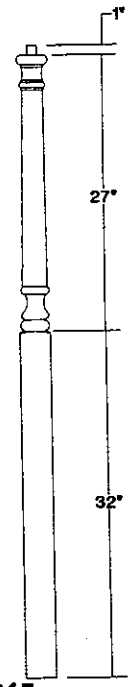
4270
3-1/4" x 43"
Starting Newel



4275
3-1/4" x 62"
Gooseneck
Landing Newel

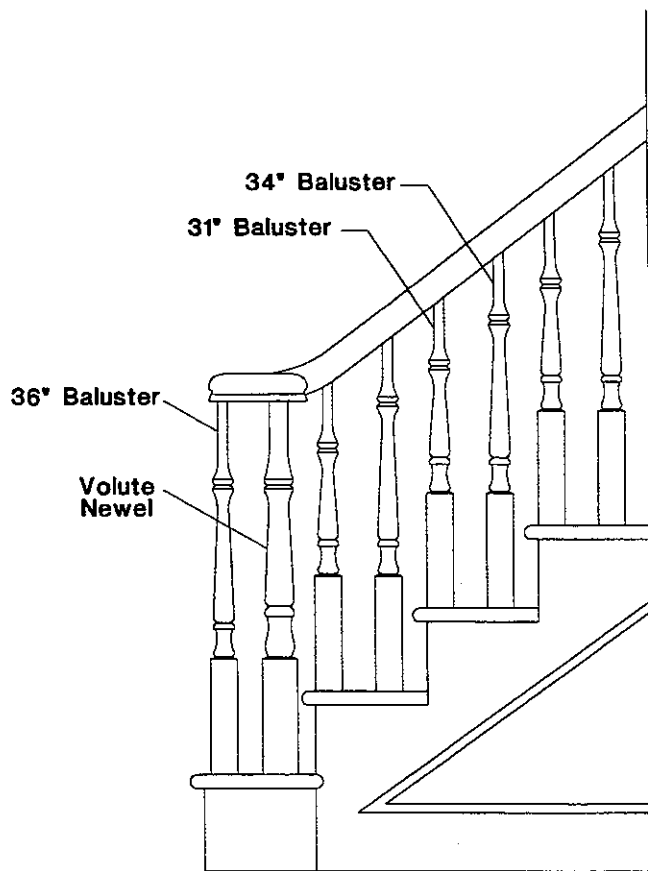


4010
3" x 43"
Starting Newel

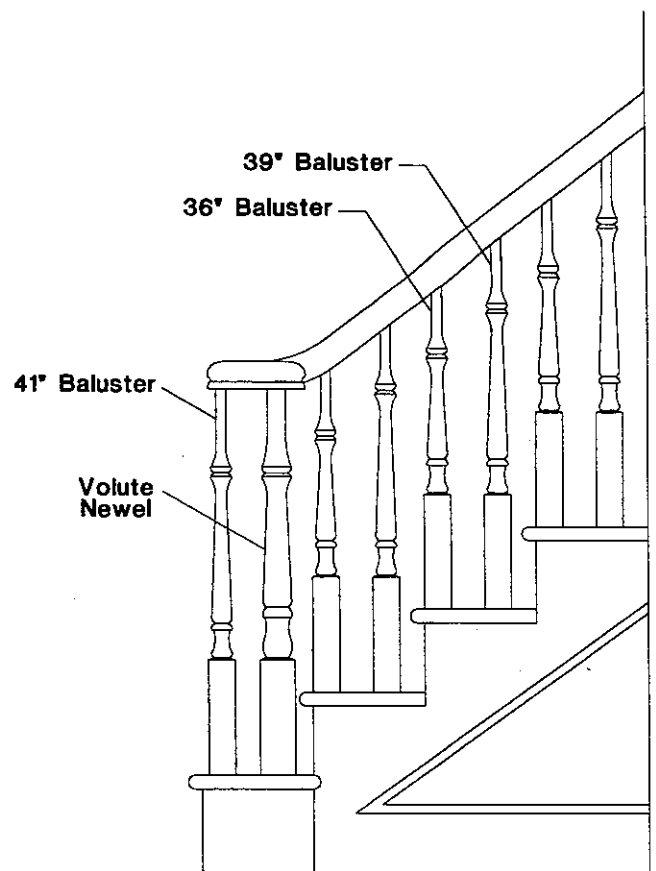


4015
3" x 60"
Landing Newel

Suggested Parts for Different Handrail Heights



30" Handrail Height



34" Handrail Height

The illustration shown above is merely a suggestion on the parts needed to reach the desired rail height. Local code compliances should be researched before ordering parts for your stairway.