

HOW TO ORDER BALUSTRADE SYSTEMS.

SAMPLE CHART

**5" Balustrade System
Baluster - Classic (CC)**

Part Number **BAL3X20CC**

Maximum Center-to-Center Distance To Meet 4" Rule. (See Page 2 BL For Details)

5"

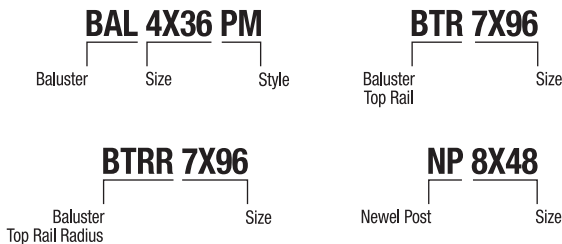
The 4" Ball Space Requirement Rule—

gives you the *maximum* center-to-center distance between Balusters and still does not allow a 4" Ball to pass through at any point between the Balusters.

When laying out Balusters, use the maximum center to center dimension or smaller to allow for a safe dimension to pass the 4" ball space requirement rule.

KEY POINTS TO REMEMBER

- This Balustrade section/catalog is divided into four systems: 5", 6", 7" & 12". This number designates the width of the Top and Bottom Rail. When choosing balustrade components, choose items within the same system to ensure they will all work together.
- All part numbers are alphanumeric—the “alpha” is product descriptive and the “numeric” relates to size.



- The number of Balusters you need can be found by dividing the rail span, in inches, by the maximum center-to-center distance shown for the Baluster style that you choose. **NOTE: When dividing gives you a fractional result, always round up to the next whole number.**

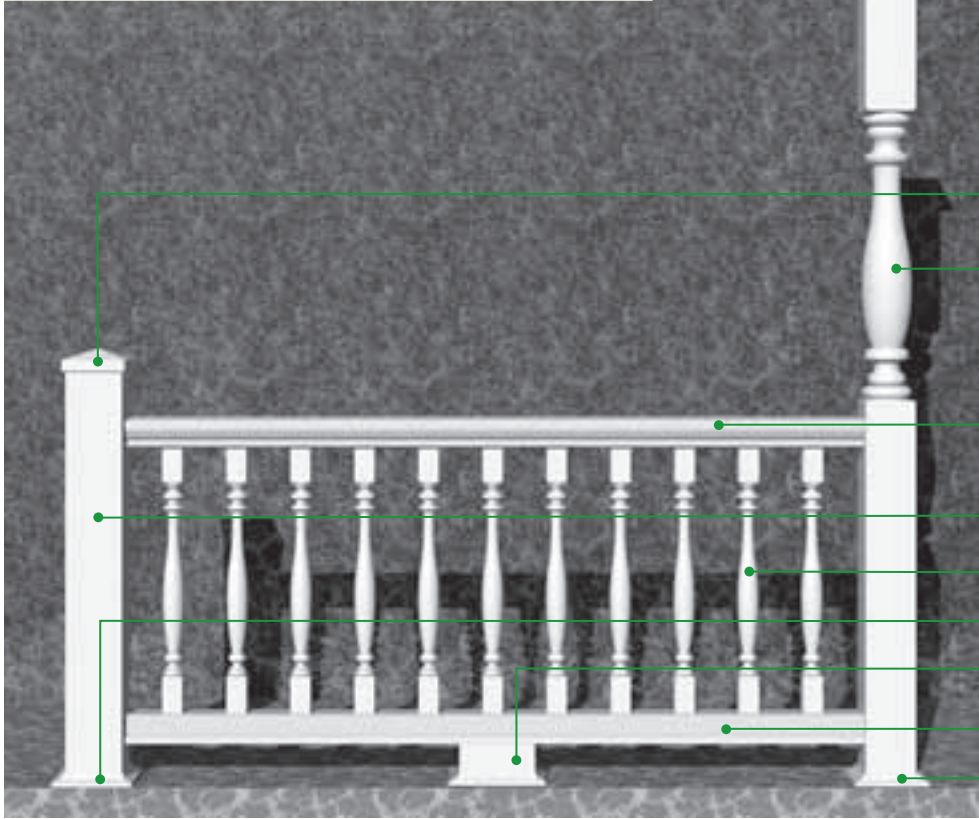
Example: BAL3X20CC - requires 5" on center spacing

Rail Span ÷ Center Spacing = # of Balusters Needed

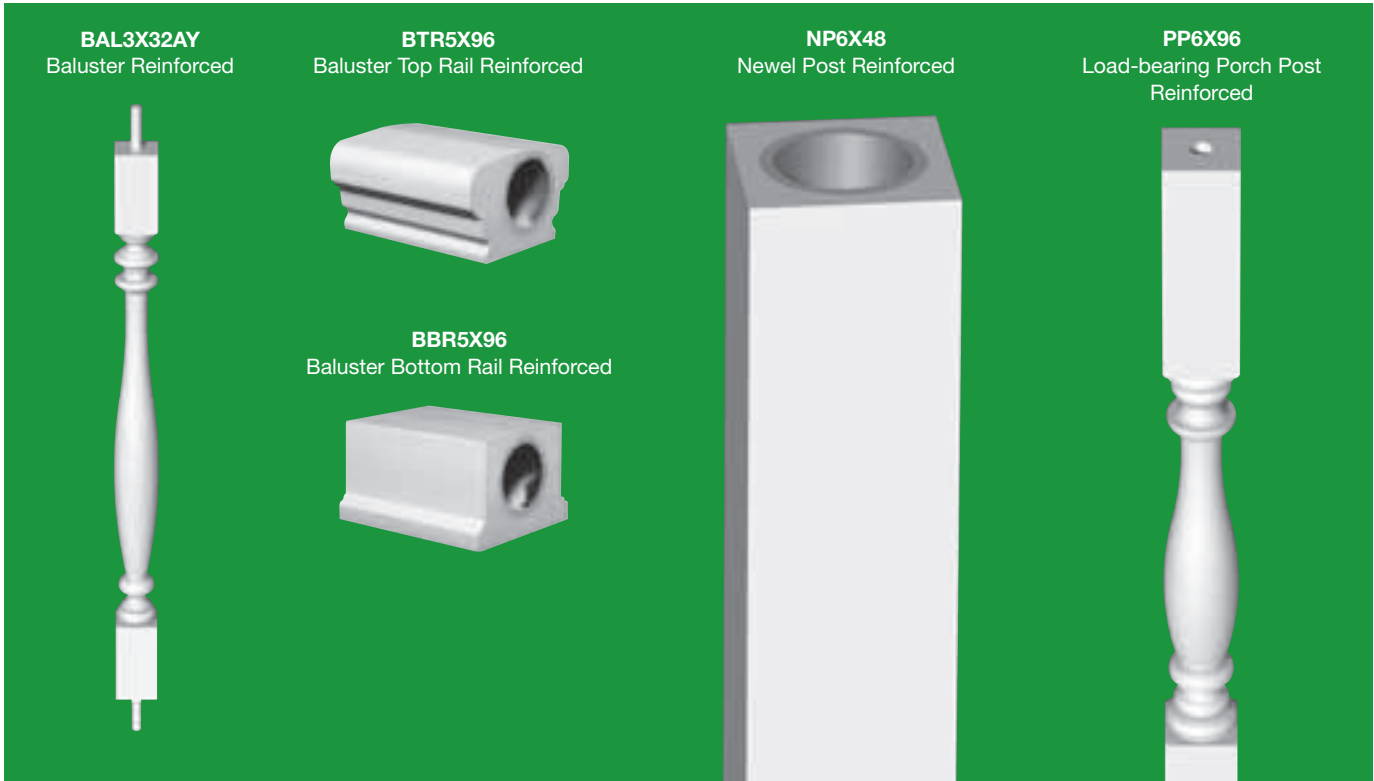
$$96" \div 5" = 20$$

- Each rail section (span between two Newel Posts) will require two Rail Installation Kits (BRK). Rail Installation Kits will connect both ends of one rail to a Newel Post. **NOTE: The Rail Installation Kit will not work on stair applications.**
- Each Newel Post will require one Newel Post Installation Kit (NPK) to anchor the base of the post, as well as any Post Tops, Balls or Trim Collars desired.
- Top and Bottom Rails do not come pre-drilled.
- A urethane-based adhesive such as PL Premium must be used on all joints.
- For installation instructions, refer to the back of the comprehensive, full-line product catalog or visit www.fypon.com.
- Balustrade Systems may require additional shipping time, depending on the style of product and size of order.
- Fypon Balustrade Systems have been tested and meet the following BOCA National Building Code/1993 Criteria if assembled according to manufacturer’s guidelines.
 - 1615.8.2 Guard Design and Construction
 - 1615.8.2.1 In-Fill Areas

5" BALUSTRADE SYSTEM



- PPK6 Porch Post Mounting Kit with Trim Collar
- PST7X7P Post Top - Peaked
- PP6X96 Porch Post
- BTR5X96 Baluster Top Rail
- NP6X48 Newel Post
- BAL3X32AY Baluster
- TC6 Trim Collar
- RSB4X4X6 Rail Support Block
- BBR5X96 Baluster Bottom Rail
- PPK6 Porch Post Mounting Kit with Trim Collar



BAL3X32AY
Baluster Reinforced

BTR5X96
Baluster Top Rail Reinforced

NP6X48
Newel Post Reinforced

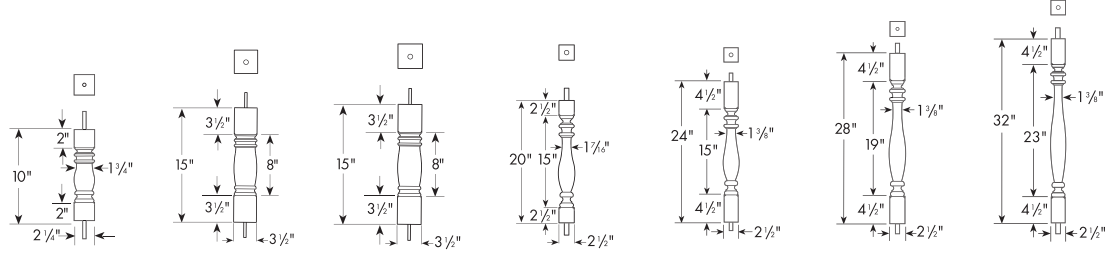
PP6X96
Load-bearing Porch Post Reinforced

BBR5X96
Baluster Bottom Rail Reinforced

5" Balustrade System Baluster - Ashley (AY)



Part Number



BAL2X10AY*

BAL2.5X15AY

BAL3X15AY

BAL3X20AY

BAL3X24AY

BAL3X28AY

BAL3X32AY

Maximum Center-to-Center
Distance To Meet 4" Rule.
(See Page 2 BL For Details)

5 7/8"

5 13/16"

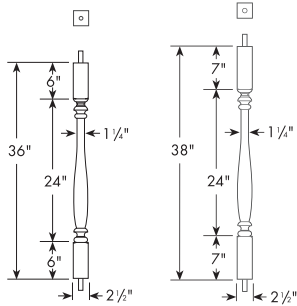
7 1/16"

5 3/8"

5 7/16"

5 5/16"

5 5/16"



Part Number

BAL3X36AY

BAL3X38AY

Maximum Center-to-Center
Distance To Meet 4" Rule.
(See Page 2 BL For Details)

5 3/16"

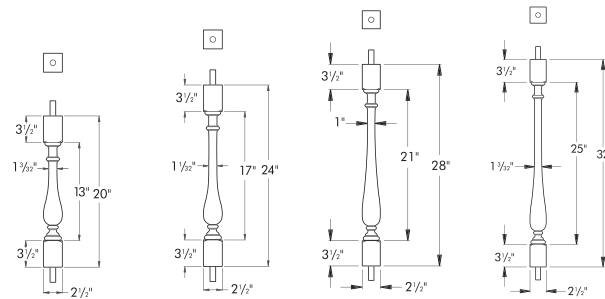
5 3/16"

**Ideal for Porch Spandrel application.*

5" Balustrade System Baluster - Classic (CC)



Part Number



BAL3X20CC

BAL3X24CC

BAL3X28CC

BAL3X32CC

Maximum Center-to-Center
Distance To Meet 4" Rule.
(See Page 2 BL For Details)

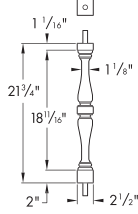
5"

4 15/16"

4 15/16"

5"

5" Balustrade System
Baluster - Charlotte (CH)

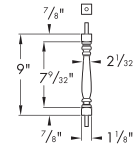


Part Number **BAL3X22CH***

Maximum Center-to-Center Distance To Meet 4" Rule. (See Page 2 BL For Details)

5 1/16"

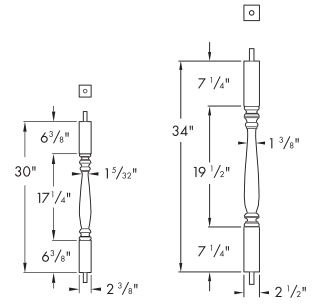
5" Balustrade System
Baluster - Florence (FL)



Part Number **BAL1X9FL**

Maximum Center-to-Center Distance To Meet 4" Rule. (See Page 2 BL For Details)

4 21/32"



Part Number **BAL3X30FL**

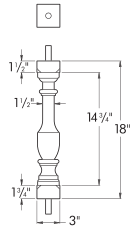
5 5/32"

Part Number **BAL3X34FL**

5 7/32"

*Cannot be used for stair applications.

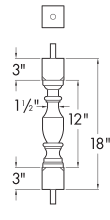
5" Balustrade System
Baluster - Logan (LN)



Part Number **BAL3X18LN0B***

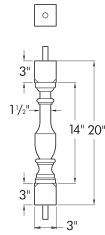
Maximum Center-to-Center Distance To Meet 4" Rule. (See Page 2 BL For Details)

5 7/16"



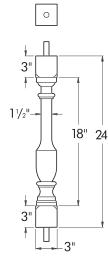
Part Number **BAL3X18LN**

5 9/16"



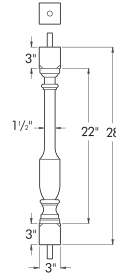
Part Number **BAL3X20LN**

5 7/16"



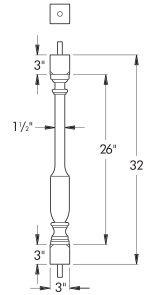
Part Number **BAL3X24LN**

5 7/16"



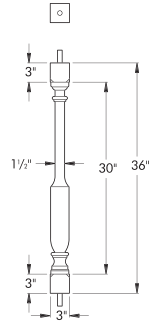
Part Number **BAL3X28LN**

5 7/16"



Part Number **BAL3X32LN**

5 7/16"

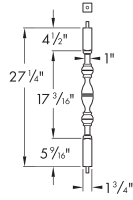


Part Number **BAL3X36LN**

5 7/16"

*Cannot be used for stair applications.

5" Balustrade System Baluster - Marie (ME)

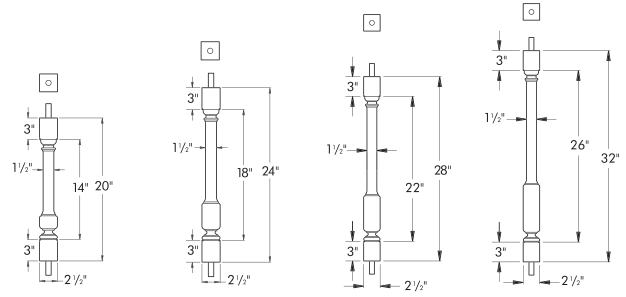


Part Number **BAL2X27ME**

Maximum Center-to-Center
Distance To Meet 4" Rule.
(See Page 2 BL For Details)

4 15/16"

5" Balustrade System Baluster - Rosedale (RL)



Part Number **BAL3X20RL**

BAL3X24RL

BAL3X28RL

BAL3X32RL

Maximum Center-to-Center
Distance To Meet 4" Rule.
(See Page 2 BL For Details)

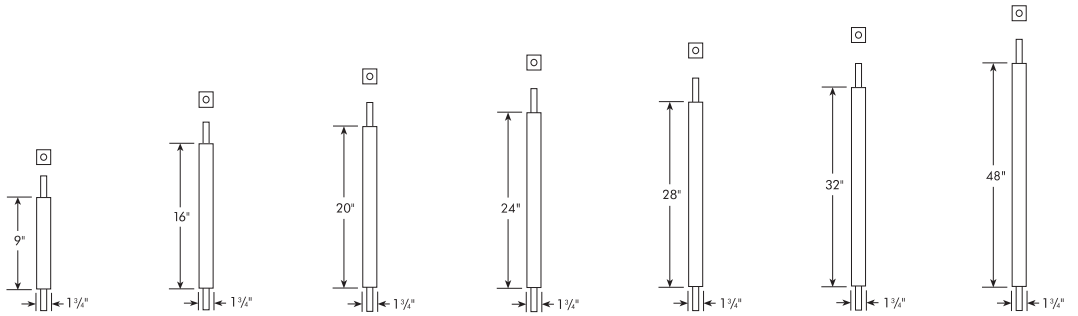
5 7/16"

5 7/16"

5 7/16"

5 7/16"

5" Balustrade System Baluster - Square (SQ)



Part Number

BAL2X9SQ

BAL2X16SQ

BAL2X20SQ

BAL2X24SQ

BAL2X28SQ

BAL2X32SQ

BAL2X48SQ

Maximum Center-to-Center
Distance To Meet 4" Rule.
(See Page 2 BL For Details)

5 11/16"

5 11/16"

5 11/16"

5 11/16"

5 11/16"

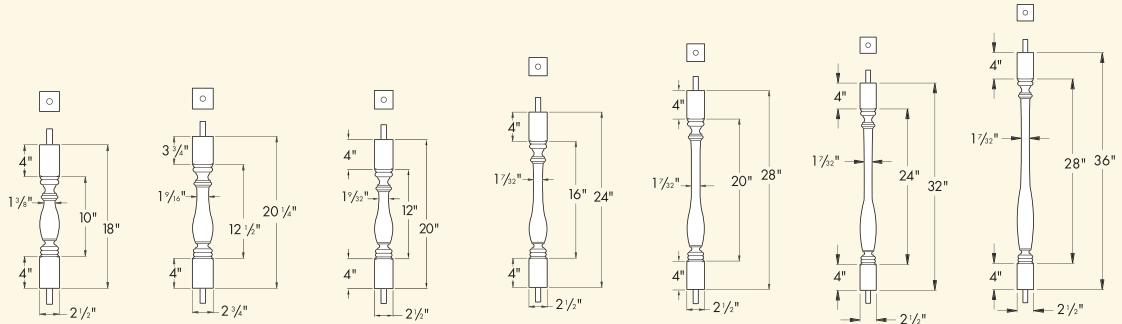
5 11/16"

5 11/16"

5" Balustrade System Baluster - Woodruff (WF)



Part Number



BAL3X18WF

BAL3X20WFOB

BAL3X20WF

BAL3X24WF

BAL3X28WF

BAL3X32WF

BAL3X36WF

Maximum Center-to-Center Distance To Meet 4" Rule.
(See Page 2 BL For Details)

5 9/16"

5 1/2"

5 7/32"

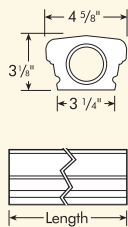
5 3/16"

5 3/16"

5 3/16"

5 1/8"

5" Balustrade System Top Rail



Part Number

Length

Baluster Rail Installation Kit*
(See Installation Guide Page 32)

BTR5X96

96"

BRK5

BTR5X144

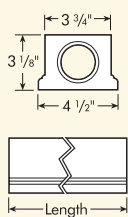
144"

BRK5

Note: Max. rail span distance for field applications is 96"

*Connects both ends of one 5" Rail to applications.
May be used for corner or butt connections into NP6X48 or PP6X96.
(2 qty.) 2" wide x 1 1/2" x 2" Angle Brackets.
(6 qty.) #14 x 2 1/2" Stainless Steel Flat Head Screws.

5" Balustrade System Bottom Rail



Part Number

Length

Baluster Rail Installation Kit*
(See Installation Guide Page 32)

Rail Support Block
(See Below)

BBR5X96

96"

BRK5

RSB4X4X6

BBR5X144

144"

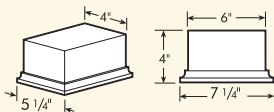
BRK5

RSB4X4X6

Note: Max. rail span distance for field applications is 96"

*Connects both ends of one 5" Rail to applications.
May be used for corner or butt connections into NP6X48 or PP6X96.
(2 qty.) 2" wide x 1 1/2" x 2" Angle Brackets.
(6 qty.) #14 x 2 1/2" Stainless Steel Flat Head Screws.

5" Balustrade System Rail Support Block

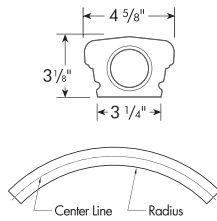


Part Number

RSB4X4X6

Rail Support Blocks should be placed under the Bottom Rail at a span of every 48" or less.
These blocks can be trimmed for height.

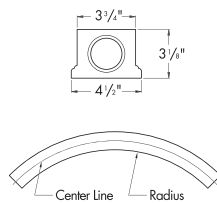
5" Balustrade System Baluster Top Rail Radius



Part Number	Radius	Center Line Length	Baluster Rail Installation Kit* (See Installation Guide Page 32)
BTRR5X36	36"	56" (1/4 Circle)	BRK5
BTRR5X60	60"	98" (1/4 Circle)	BRK5
BTRR5X84	84"	131 1/2" (1/4 Circle)	BRK5
BTRR5X155	155 1/2"	122" (1/8 Circle)	BRK5

*Connects both ends of one 5" Rail to applications.
May be used for corner or butt connections into NP8X48 or PP8X96.
(2 qty.) 4" wide x 1 1/2" x 2" Angle Brackets.
(8 qty.) #14 x 2 1/2" Stainless Steel Flat Head Screws.

5" Balustrade System Baluster Bottom Rail Radius



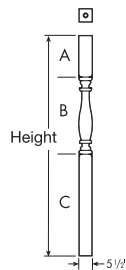
Part Number	Radius	Center Line Length	Baluster Rail Installation Kit* (See Installation Guide Page 32)	Rail Support Block (Page 7 BL)
BBRR5X36	36"	56" (1/4 Circle)	BRK5	RSB4X4X6
BBRR5X60	60"	98" (1/4 Circle)	BRK5	RSB4X4X6
BBRR5X84	84"	131 1/2" (1/4 Circle)	BRK5	RSB4X4X6
BBRR5X155	155 1/2"	122" (1/8 Circle)	BRK5	RSB4X4X6

*Connects both ends of one 5" Rail to applications.
May be used for corner or butt connections into NP8X48 or PP8X96.
(2 qty.) 4" wide x 1 1/2" x 2" Angle Brackets.
(8 qty.) #14 x 2 1/2" Stainless Steel Flat Head Screws.

5" Balustrade System Porch Post

Post is load bearing and reinforced.*

DIMENSIONS



Part Number	Width	Height	A	B	C	Porch Post Installation Kit** (See Installation Guide Page 32)	Load Rating/ Dead Load
PP5X102	4 5/8"	102"	20"	40"	42"	PPK6	3500#
PP6X96	5 1/2"	96"	18"	33 9/16"	44 7/16"	PPK6	3000#
PP6X108	5 1/2"	108"	21"	42 1/2"	44 1/2"	PPK6	9000#
PP6X120	5 1/2"	120"	26"	49 1/2"	44 1/2"	PPK6	9000#


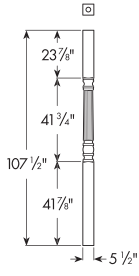
*Porch Post can be field trimmed to various heights without losing load rating.
**PPK6 kit includes hardware to secure one Porch Post and is purchased separately:
(2 qty.) 5 1/2" x 5 1/2" Trim Collars (TC6).
(4 qty.) 2" wide x 1 1/2" x 2" Angle Brackets.
(12 qty.) #14 x 2 1/2" Stainless Steel Flat Head Screws.
Fasteners to mount angle brackets to floor surface not provided.

5" Balustrade System Porch Post - Fluted

Post is load bearing and reinforced.*

DIMENSIONS

Part Number	Width	Height	A	B	C	Porch Post Installation Kit** (See Installation Guide Page 32)	Load Rating/ Dead Load
PP5X108F	5 3/8"	107 1/2"	24"	41 1/2"	42"	PPK6	12000#


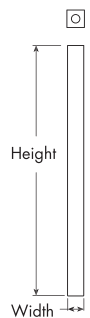



*Porch Post can be field trimmed to various heights without losing load rating.
**PPK6 kit includes hardware to secure one Porch Post and is purchased separately:
(2 qty.) 5 1/2" x 5 1/2" Trim Collars (TC6).
(4 qty.) 2" wide x 1 1/2" x 2" Angle Brackets.
(12 qty.) #14 x 2 1/2" Stainless Steel Flat Head Screws.
Fasteners to mount angle brackets to floor surface not provided.

5" Balustrade System Porch Post - Square

Post is load bearing and reinforced.*

Part Number	Width	Height	Porch Post Installation Kit** (See Installation Guide Page 32)	Load Rating/ Dead Load
PP6X96FBSQ	5 1/2"	96"	PPK6	12000#


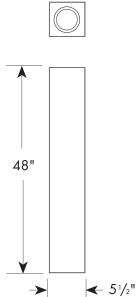



*Porch Post can be field trimmed to various heights without losing load rating.
**PPK6 kit includes hardware to secure one Porch Post and is purchased separately:
(2 qty.) 5 1/2" x 5 1/2" Trim Collars (TC6).
(4 qty.) 2" wide x 1 1/2" x 2" Angle Brackets.
(12 qty.) #14 x 2 1/2" Stainless Steel Flat Head Screws.
Fasteners to mount angle brackets to floor surface not provided.

5" Balustrade System Newel Post

One piece Post reinforced, height trimable.

Part Number	Newel Post Installation Kit* (See Installation Guide Page 32)
NP6X48	NPK6


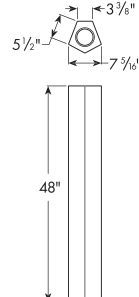



*NPK6 kit includes hardware to secure one Newel Post and is purchased separately:
(2 qty.) 3/8" - 16 Hex Nuts.
(2 qty.) 3/8" - Lock Washers.
(2 qty.) 3/8" - Flat Washers.
(1 qty.) 1/4" x 4 1/2" Diameter Steel Top Mounting Plate.
(2 qty.) 3/8" x 50" Threaded Rods.
(1 qty.) 1/4" x 3 1/2" x 3 1/2" Octagon Steel Base Plate.
Fasteners to mount Steel Base Plate to floor surface not provided.

5" Balustrade System Newel Post Corner


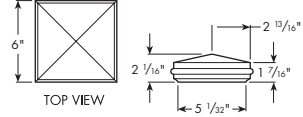

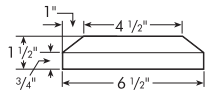

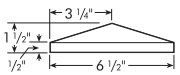

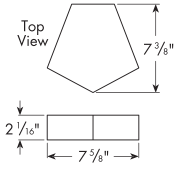

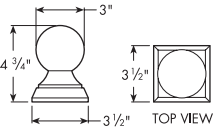

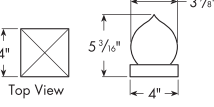

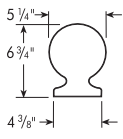

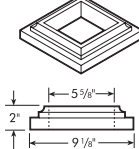
One piece Post reinforced, height trimable.

Part Number	Newel Post Installation Kit* (See Installation Guide Page 32)
NPC6X48	NPK6

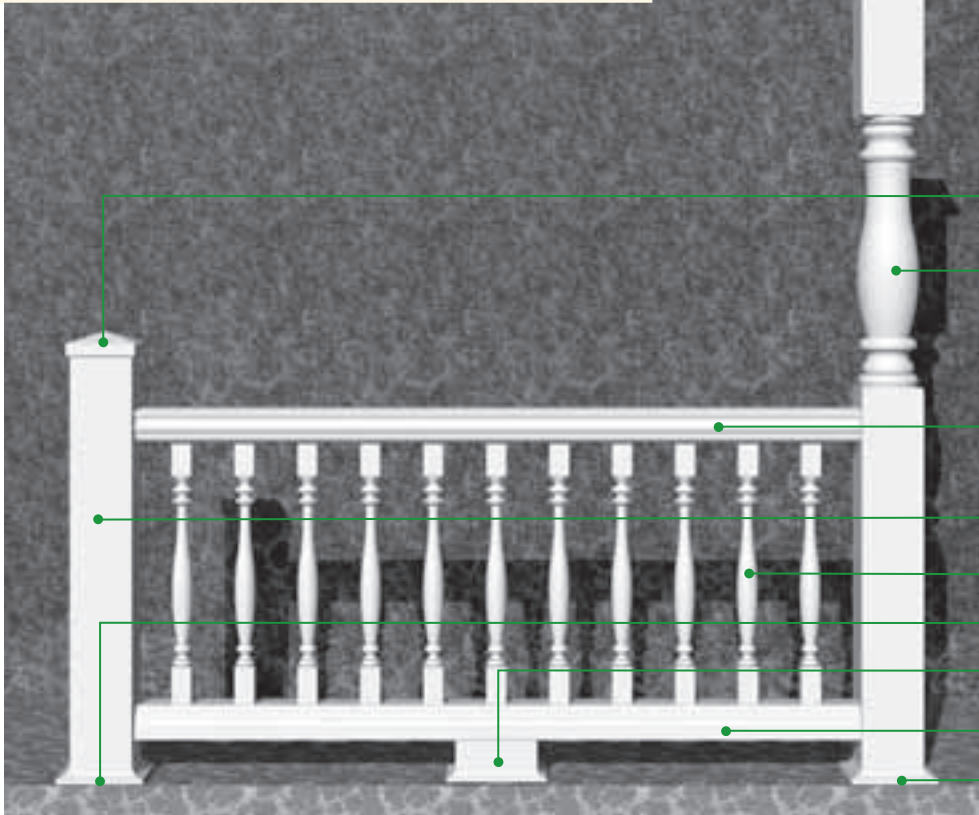



*NPK6 kit includes hardware to secure one Newel Post and is purchased separately:
(2 qty.) 3/8" - 16 Hex Nuts.
(2 qty.) 3/8" - Lock Washers.
(2 qty.) 3/8" - Flat Washers.
(1 qty.) 1/4" x 4 1/2" Diameter Steel Top Mounting Plate.
(2 qty.) 3/8" x 50" Threaded Rods.
(1 qty.) 1/4" x 3 1/2" x 3 1/2" Octagon Steel Base Plate.
Fasteners to mount Steel Base Plate to floor surface not provided.

5" Balustrade System Newel Post Accessories

		Part Number	Coordinating Newel Post Accessories	
		PST6X6FP Post Top - Fancy Peak	—	
		PST7X7F Post Top - Flat	B5X7 PST3X5 PST4X5	
		PST7X7P Post Top - Peaked	—	
		PST8X7C	B5X7 PST4X5	
		PST3X5 Post Top Ball	PST7X7F	
		PST4X5 Post Top Ball	PST7X7F PST8X7C	
		B5X7 Ball	PST7X7F	
		TC6 Base Trim Collar	—	

6" BALUSTRADE SYSTEM



TC8 Trim Collar

PST10X10P Post Top - Peaked

PP8X96 Porch Post
(Installation Kit Included)

BTR6X96 Baluster Top Rail

NP8X48 Newel Post

BAL3X32AY Baluster

TC8 Trim Collar

RSB4X4X6 Rail Support Block

BBR6X96 Baluster Bottom Rail

TC8 Trim Collar

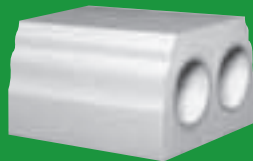
BAL3X32AY
Baluster Reinforced



BTR6X96
Baluster Top Rail Reinforced



BBR6X96
Baluster Bottom Rail Reinforced



NP8X48
Newel Post Reinforced



PP8X96
Load-bearing Porch Post Reinforced

