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Sophisticated Spaces

Balustrade Systems, Porch Posts & Columns

Transform any ordinary porch, patio or balcony into an impressive outdoor living area with our balustrade systems, porch posts and columns. The distinctive styles and sizes available make these systems an eye-catching accent for many home designs. Fypon balustrades are made from corrosion-resistant parts that require little maintenance. Most fasteners remain totally hidden to provide a clean, classic appearance from any view. Our porch posts and columns are designed to be beautiful, as well as durable, with high-density polyurethane construction and structural reinforcement. Made of the same durable polyurethane material featured in all our products, most balustrade parts are also structurally reinforced. For installation and finishing instructions, please visit www.fypon.com.

How to Use This Section

The products in this section of the catalog are organized by style and then size. Once you determine the style of balustrade system desired, you can find the right size for your project with all the parts and accessories needed to complete the system, conveniently grouped together.

How to Order

Balustrade Systems**

Fypon® smooth balustrades are available in three systems: 5", 7" and 12". This size designates the width of the top and bottom rail. In addition to these three sizes, we offer a stone-textured system, which has a 6" wide top and bottom rail. The stone system can be found in the Timber & Stone catalog.

Planning Your Layout

Balusters

If you are using baluster panels, determine how many of them you wish to use first, then fill in the remaining space between the panels and newels with balusters. The maximum center-to-center distance between panels, balusters and newels should not allow a 4" ball to pass through at any point.

For each baluster, we have noted a center spacing dimension. This is the maximum center-to-center distance between balusters that does not allow a 4" ball to pass through at any point. The number of balusters you need can be found by dividing the rail span, in inches, by the center spacing dimension shown under each part.

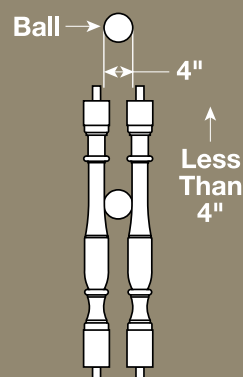
NOTE: When dividing gives you a fractional result, always round up to the next whole number as shown in the example.

Rail Installation Kits

Each rail section (span between two newel posts) will require two rail installation kits. Rail installation kits will connect both ends of one rail to a newel post.

NOTE: Fypon rail installation kits will not work on stair applications. Top and bottom rails do not come pre-drilled.

Baluster Example



BAL3X20CC – Requires 5" on center spacing

Rail Span ÷ Center Spacing = No. of Balusters Needed

$96 \div 5 = 19.2$

(Round up to 20)

Newel Posts

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.

Balustrade System Accessories

Balustrade system accessories are available to help achieve your desired look. All balustrade accessories are unattached and must be ordered separately.

Structural Porch Posts & Columns**

Structural porch posts and columns are reinforced and have load-bearing capacities as noted. Installation hardware is included. Simply choose the column or porch post desired in a height that is equal to or slightly larger than the required height. Porch posts and columns can be trimmed to various lengths without affecting load rating. Be sure to order the appropriate quantity of porch posts and columns to adequately support the weight of the load they will carry.



Remember to Order Adhesive

A urethane-based adhesive **must** be used on all joint surfaces. See page 172 to order Loctite® PL Premium® Adhesive.*

* Loctite® PL Premium® is owned by Henkel IP & Holding GmbH.

** Always consult the local building code authority to determine suitability of products to meet specific project requirements.

Images are representative of style, actual product will vary by size.



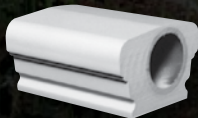
Peaked Post Top



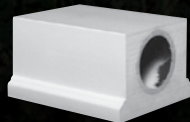
Trim Collar



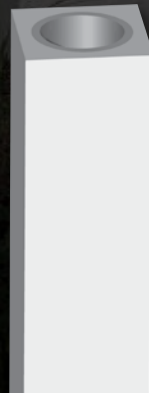
Baluster Reinforced



Baluster Top Rail Reinforced



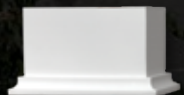
Baluster Bottom Rail Reinforced



Newel Post Reinforced



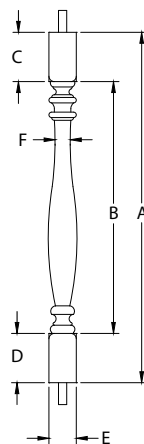
Load-Bearing Porch Post Reinforced



Rail Support Block



Ashley Baluster



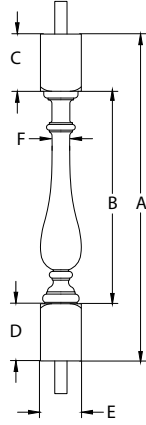
Part Number	Balustrade System	A	B	C	D	E	F	Maximum Center-to-Center Distance
BAL2.5X15AY [^]	5"	15"	9"	3"	3"	2 1/2"	1 7/8"	5 7/8"
BAL3X20AY [^]	5"	20"	15"	2 1/2"	2 1/2"	2 1/2"	1 1/2"	5 3/8"
BAL3X24AY [^]	5"	24"	15"	1 1/2"	4 1/2"	2 1/2"	1 3/8"	5 3/8"
BAL3X28AY [^]	5"	28"	19"	4 5/8"	4 5/8"	2 1/2"	1 3/8"	5 3/8"
BAL3X32AY [^]	5"	32"	23"	4 1/2"	4 1/2"	2 1/2"	1 3/8"	5 3/8"
BAL3X36AY [^]	5"	36"	24"	6"	6"	2 1/2"	1 1/4"	5 1/4"
BAL4X24AY	7"	24"	15"	4 1/2"	4 1/2"	4 1/2"	3 1/2"	7 3/8"
BAL5X20AY	7"	20"	13"	3 1/2"	3 1/2"	4 1/2"	3 1/2"	7 5/8"
BAL5X24AY	7"	24"	17"	3 1/2"	3 1/2"	4 1/2"	3 1/2"	7 3/8"
BAL5X32AY	7"	32"	23"	4 1/2"	4 1/2"	4 1/2"	3 3/8"	7 3/8"
BAL6X24AY	12"	24"	15"	4 1/2"	4 1/2"	5 1/2"	4 1/2"	8 3/8"

NOTE: Baluster images shown above may not be an accurate representation of every size within each category. For additional line art images, please visit www.fypon.com.

[^] Can be used with BBRC6X96 and BTRC6X96.

Parts may be required to ship LTL (less than truckload) based on size and overall dimensions.

Classic Baluster

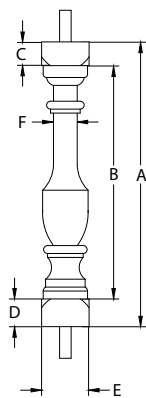


Part Number	Balustrade System	A	B	C	D	E	F	Maximum Center-to-Center Distance
BAL3X20CC [^]	5"	20"	13"	3 1/2"	3 1/2"	2 1/2"	1 1/8"	5"
BAL3X24CC [^]	5"	24"	17"	3 1/2"	3 1/2"	2 1/2"	1 1/8"	5"
BAL3X28CC [^]	5"	28"	21"	3 1/2"	3 1/2"	2 1/2"	1"	5"
BAL3X32CC [^]	5"	32"	25"	3 1/2"	3 1/2"	2 1/2"	1 1/8"	5 1/8"
BAL5X20CC	7"	20"	10"	5"	5"	5"	3 5/8"	7 5/8"
BAL5X24CC	7"	24"	14"	5"	5"	5"	3 5/8"	7 5/8"
BAL5X28CC	7"	28"	18"	5"	5"	5"	3 1/2"	7 1/2"
BAL5X30CC	7"	30 1/2"	20 1/2"	5"	5"	5"	3 5/8"	7 1/2"
BAL5X32CC	7"	32"	22"	5"	5"	5"	3 1/2"	7 1/2"
BAL4X27CCOB	7"	27"	19"	4"	4"	4 1/4"	1 7/8"	5 3/4"
BAL4X31CCOB	7"	31"	23"	4"	4"	4 1/4"	1 1/2"	5 3/4"
BAL5X28CCOB	7"	28"	21 1/8"	3 3/8"	3 3/8"	4 1/2"	2"	5 7/8"
BAL7X28CC	12"	28"	16"	6"	6"	7"	5 1/2"	9 3/8"
BAL7X28CCOB	12"	28"	21 1/4"	3 5/8"	3 3/8"	7"	3 5/8"	7 1/2"

NOTE: Baluster images shown above may not be an accurate representation of every size within each category. For additional line art images, please visit www.fypon.com.

[^] Can be used with BBRC6X96 and BTRC6X96.

Logan Baluster

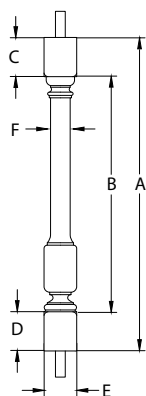


Part Number	Balustrade System	A	B	C	D	E	F	Maximum Center-to-Center Distance
BAL3X18LN [^]	5"	18"	12"	3"	3"	3"	1 1/2"	5 5/8"
BAL3X18LN0B [^]	5"	18"	15"	1 1/2"	1 3/4"	3"	1 1/2"	5 1/2"
BAL3X20LN [^]	5"	20"	14"	3"	3"	3"	1 1/2"	5 1/2"
BAL3X24LN [^]	5"	24"	18"	3"	3"	3"	1 1/2"	5 1/2"
BAL3X28LN [^]	5"	28"	22"	3"	3"	3"	1 1/2"	5 1/2"

NOTE: Baluster images shown above may not be an accurate representation of every size within each category. For additional line art images, please visit www.fypon.com.

[^] Can be used with BBRC6X96 and BTRC6X96.

Rosedale Baluster



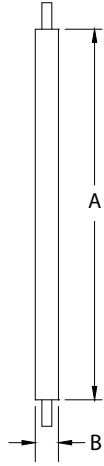
Part Number	Balustrade System	A	B	C	D	E	F	Maximum Center-to-Center Distance
BAL3X24RL [^]	5"	24"	18"	3"	3"	2 1/2"	1 1/2"	5 1/2"
BAL5X20RL	7", 12"	20"	12"	4"	4"	4 1/2"	2 3/4"	6 5/8"
BAL7X25RL	12"	24 1/2"	17"	3"	4 1/2"	6 3/4"	3"	7"

NOTE: Baluster images shown above may not be an accurate representation of every size within each category. For additional line art images, please visit www.fypon.com.

[^] Can be used with BBRC6X96 and BTRC6X96.

Parts may be required to ship LTL (less than truckload) based on size and overall dimensions.

Square Baluster

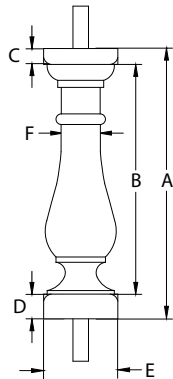


Part Number	Balustrade System	Height (A)	Width (B)	Maximum Center-to-Center Distance
BAL2X20SQ [^]	5"	20"	1 3/4"	5 3/4"
BAL2X24SQ [^]	5"	24"	1 3/4"	5 3/4"
BAL2X28SQ [^]	5"	28"	1 3/4"	5 3/4"
BAL2X32SQ [^]	5"	32"	1 3/4"	5 3/4"
BAL5X28SQ	7", 12"	28"	4 7/8"	8 3/4"

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[^]Can be used with BBRC6X96 and BTRC6X96.

Beaumont Baluster



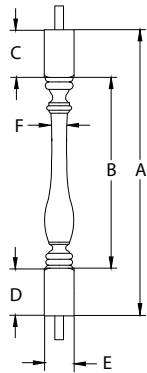
Part Number	Balustrade System	A	B	C	D	E	F	Maximum Center-to-Center Distance
BAL4X22BE	7"	22"	19 1/8"	1 1/8"	1 3/4"	4"	2 3/8"	6 1/4"
BAL5X19BE	7", 12"	19 1/8"	16 1/4"	1 1/8"	1 3/4"	5 1/4"	2 3/4"	6 3/4"
BAL5X22BE	7", 12"	22"	16 1/8"	2 1/8"	3 3/4"	5"	3 1/4"	7 1/8"
BAL5X31BE	12"	31"	24 7/16"	2 1/2"	4 1/8"	5 3/4"	2 7/8"	6 1/8"
BAL6X22BE	12"	21 7/8"	16 1/8"	2 1/8"	3 3/4"	6 1/4"	4"	8"

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Woodruff Baluster



Part Number	Balustrade System	A	B	C	D	E	F	Maximum Center-to-Center Distance
BAL3X18WF [^]	5"	18"	10"	4"	4"	2 1/2"	1 3/8"	5 1/2"
BAL3X20WF [^]	5"	20"	12"	4"	4"	2 1/2"	1 1/4"	5 1/4"
BAL3X20WFOB [^]	5"	20 1/4"	12 1/2"	3 3/4"	4"	2 3/4"	1 1/2"	5 1/2"
BAL3X24WF [^]	5"	24"	16"	4"	4"	2 1/2"	1 1/4"	5 1/8"
BAL3X28WF [^]	5"	28"	20"	4"	4"	2 1/2"	1 1/4"	5 1/8"
BAL3X32WF [^]	5"	32"	24"	4"	4"	2 1/2"	1 1/4"	5 1/8"
BAL3X36WF [^]	5"	36"	28"	4"	4"	2 1/2"	1 1/2"	5 1/8"
BAL5X20WF	7", 12"	20"	12"	4"	4"	4 1/2"	3 1/4"	7 1/4"
BAL5X24WF	7", 12"	24"	16"	4"	4"	4 1/2"	3 1/4"	7 1/8"
BAL5X28WF	7", 12"	28"	20"	4"	4"	4 1/2"	3 1/2"	7 1/8"
BAL5X32WF	7", 12"	32"	24"	4"	4"	4 1/2"	3 1/2"	7 1/8"


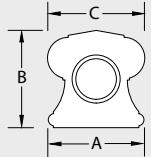
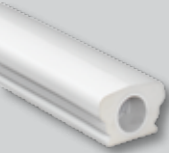
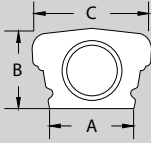
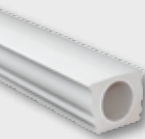
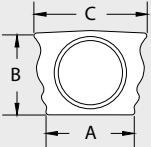
NOTE: Baluster images shown above may not be an accurate representation of every size within each category. For additional line art images, please visit www.fypon.com.

[^] Can be used with BBRC6X96 and BTRC6X96.

Parts may be required to ship LTL (less than truckload) based on size and overall dimensions.



Top Straight Rails

Top Rail	Part Number	Balustrade System	Length	A	B	C	
	BTRC6X96	5"	96"	4 3/4"	4 3/4"	4 3/4"	
	BTR5X96	5"	96"	3 1/4"	3 1/8"	4 5/8"	
	BTR5X144^	5"	144"	3 1/4"	3 1/8"	4 5/8"	
	BTR7X96	7"	96"	5 1/2"	5 1/4"	7"	
	BTR7X120^	7"	120"	5 1/2"	5 1/4"	7"	
	BTR7X144^	7"	144"	5 1/2"	5 1/4"	7"	

^ Maximum rail span distance for field applications is 96".

Top Straight Rails

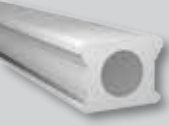
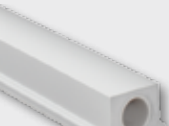
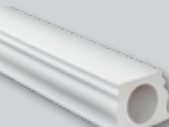
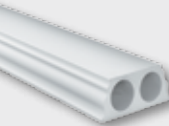
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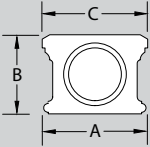
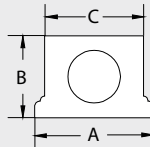
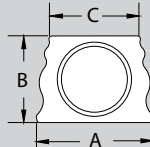
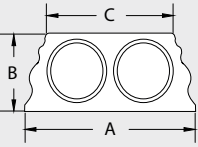
Top Rail	Part Number	Balustrade System	Length	A	B	C
	BTR12X96	12"	96"	9"	5 1/4"	11 7/8"
	BTR12X120 [^]	12"	120"	9"	5 1/4"	11 7/8"
	BTR12X144 [^]	12"	144"	9"	5 1/4"	11 7/8"



[^] Maximum rail span distance for field applications is 96".

Bottom Straight Rails

Bottom Rail	Part Number	Balustrade System	Length	A	B	C
	BBRC6X96	5"	96"	3 7/8"	3"	4"
	BBR5X96	5"	96"	4 1/2"	3 1/8"	3 3/4"
	BBR5X144 [^]	5"	144"	4 1/2"	3 1/8"	3 3/4"
	BBR7X96	7"	96"	7"	5 1/4"	5 1/2"
	BBR7X120 [^]	7"	120"	7"	5 1/4"	5 1/2"
	BBR7X144 [^]	7"	144"	7"	5 1/4"	5 1/2"
	BBR12X96	12"	96"	11 7/8"	5 1/4"	9"
	BBR12X120 [^]	12"	120"	11 7/8"	5 1/4"	9"
	BBR12X144 [^]	12"	144"	11 7/8"	5 1/4"	9"


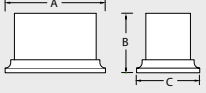

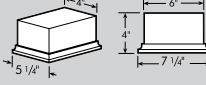





[^] Maximum rail span distance for field applications is 96".

Parts may be required to ship LTL (less than truckload) based on size and overall dimensions.

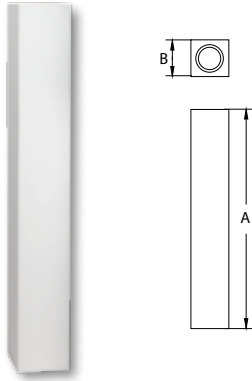


Installation Aids

Part Number	Balustrade System	Installation Notes
 RSB4X3X6 [×] Rail Support Block	5"	Install under the bottom rail at a span of 48" or less. Dimensions: 4" x 3" x 6 3/4" (may be trimmed for height) 
 RSB4X4X6 Rail Support Block	5", 7", 12"	Install under the bottom rail at a span of 48" or less. Dimensions: 4" x 4" x 7 1/4" (may be trimmed for height) 
BRK5 Rail Installation Kit	5"	Connects both ends of one 5" top or bottom rail to support structure. Order two kits per section. Kit Contents: (2) Angle Brackets & Mounting Hardware
BRK6-7 Rail Installation Kit	7"	Connects both ends of one 7" top or bottom rail to support structure. Order two kits per section. Kit Contents: (2) Angle Brackets & Mounting Hardware
BRK12 Rail Installation Kit	12"	Connects both ends of one 12" top or bottom rail to 12" newel post or other support. Order two kits per section. Kit Contents: (4) Angle Brackets & Mounting Hardware
BRK12ANGLBKT Rail Installation Kit	12"	Connects both ends of one 12" top or bottom rail to 13" newel post only. Order two kits per section. Kit Contents: (2) Bear Claw Brackets & Mounting Hardware

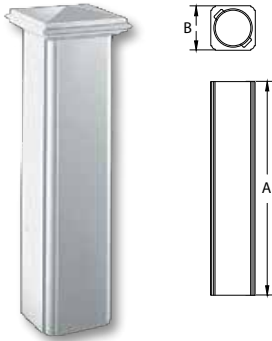
[×]Should be used with BBRC6X96 and BTRC6X96.

Plain Newel Post



Part Number	Balustrade System	A	B	Accessories
NP6X48	5"	48"	5 1/2"	PST6X6FP PST7X7F PST7X7P TC6
NP8X48	7"	48"	7 1/2"	PST8X8FP PST10X10F PST10X10P TC8

Decorative Newel Post

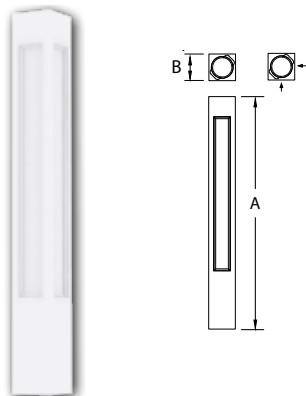


Part Number	Balustrade System	A	B	Accessories
NP10X48	7"	48"	10"	PST11X11FP PST12X12F

NOTE: Post tops shown are sold separately.



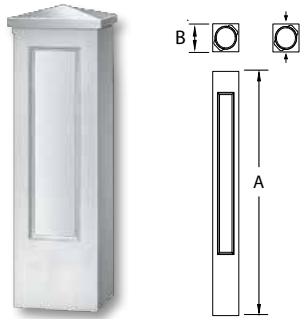
Corner Panel Newel Post



Part Number	Balustrade System	A	B	Accessories
NPCP8X48	7"	48"	8"	PST9X9FP PST10X10F PST10X10P TC8-8
NPCP13X48	12"	48"	12 1/2"	PST13X13FP PST14X14F PST14X14P

Parts may be required to ship LTL (less than truckload) based on size and overall dimensions.

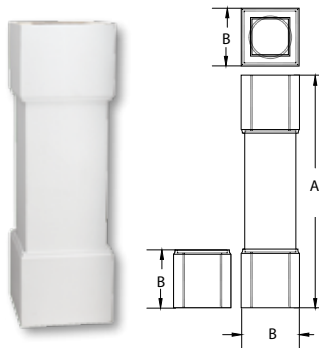
Straight Panel Newel Post



Part Number	Balustrade System	A	B	Accessories
NPSP8X48	7"	48"	8"	PST9X9FP PST10X10F PST10X10P TC8-8
NPSP13X48	12"	48"	12 1/2"	PST13X13FP PST14X14F PST14X14P

NOTE: Post tops shown are sold separately.

Plain Newel Post



Part Number	Balustrade System	A	B	Accessories
NP12X48	12 "	48"	12"	PST13X13F PST13X13P PST13X13FP


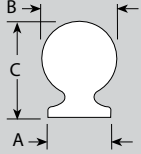

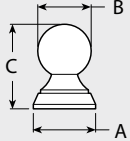

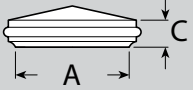
NOTE: Post tops shown are sold separately. 3 piece newel post.

Installation Kits

Newel post installation kits are sold separately from the newel posts. Fasteners to mount steel base plate to the floor surface are not provided.

Installation Kit	Kit Contents
NPK12	Secures one 12" newel post to the structural substrate
NPK13	Secures one 13" newel post to the structural substrate
NPK400	Secures one 6" newel post to the structural substrate
NPK600	Secures one 8" newel post to the structural substrate

Post Accessories


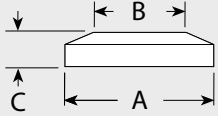


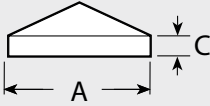

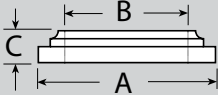
	Part Number	Balustrade System	Bottom Width (A)	Top Width (B)	Height (C)	Accessories	
	B5X7 Ball Top	5", 7"	4 3/8"	5 1/4"	6 3/4"	PST7X7F	
	B10X13 Ball Top	12"	8 1/2"	10"	12 7/8"	PST13X13F PST14X14F	
	PST3X5 Pedestal Ball Top	5", 7"	3 1/2"	3"	4 3/4"	PST7X7F	
	PST6X6FP Fancy Peaked Top	5"	5 7/8"	—	2 1/8"	NP6X48	
	PST8X8FP Fancy Peaked Top	7"	8 1/8"	—	3"	NP8X48	
	PST9X9FP Fancy Peaked Top	7"	8 7/8"	—	3"	NPCP8X48 NPSP8X48	
NOTE: Image shown represents Fancy Peaked Tops.	PST11X11FP Fancy Peaked Top	7"	10 3/4"	—	4 1/2"	—	
	PST13X13FP Fancy Peaked Top	12"	13 1/4"	—	4 5/8"	NP12X48 NPCP13X48 NPSP13X48	



Parts may be required to ship LTL (less than truckload) based on size and overall dimensions.

Post Accessories

Continued

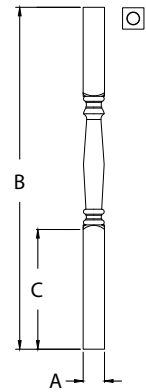
	Part Number	Balustrade System	Bottom Width (A)	Top Width (B)	Height (C)	Accessories	
	PST7X7F Flat Post Top	5"	6 1/2"	4 1/2"	1 1/2"	NP6X48	
	PST10X10F Flat Post Top	7"	9 1/2"	6 1/4"	2"	NP8X48 NPCP8X48 NPSP8X48	
NOTE: Image represents Flat Post Tops.	PST13X13F Flat Post Top	12"	12 1/2"	8 5/8"	1 1/2"	B10X13 NP12X48	
	PST14X14F Flat Post Top	12"	14"	8 3/4"	3 1/8"	B10X13 NPCP13X48 NPSP13X48	
	PST12X12F Flat Post Top	7"	11 1/2"	10 1/2"	1 1/4"	—	
	PST7X7P Peaked Post Top	5"	6 1/2"	—	1 1/2"	NP6X48	
	PST10X10P Peaked Post Top	7"	9 1/2"	—	3"	NP8X48 NPCP8X48 NPSP8X48	
NOTE: Image shown represents Peaked Post Tops.	PST13X13P Peaked Post Top	12"	13 1/2"	—	1 1/2"	NP12X48	
	PST14X14P Peaked Post Top	12"	14"	—	5"	NPCP13X48 NPSP13X48	
	TC6 Trim Collar	5"	9 1/8"	5 5/8"	2"	NP6X48	
	TC8 Trim Collar	7"	11 1/8"	7 5/8"	2"	NP8X48	
NOTE: Image shown represents Trim Collars.	TC8-8 Trim Collar	7"	11 1/8"	8 1/8"	2"	NP8X48	

Vintage Porch Post

Structural

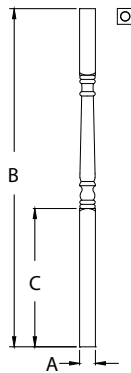
Part Number	Width (A)	Overall Height (B)	Bottom Block Height (C)	Load Bearing Capacity	Balustrade System
PP8X120A	7 1/2"	120"	42"	12,000#	7" System

NOTE: Installation kit included. Porch posts can be field trimmed to various heights without losing load rating.



Colonial Porch Post

Structural



Part Number	Width (A)	Overall Height (B)	Bottom Block Height (C)	Load Bearing Capacity	Balustrade System
PP5X102	4 3/4"	101 1/4"	41 1/2"	6,000#	5" System
PP6X96	5 1/2"	96"	44 1/2"	6,000#	5" System
PP6X108	5 1/2"	108"	44 1/2"	6,000#	5" System
PP6X120	5 1/2"	120"	44 1/2"	6,000#	5" System

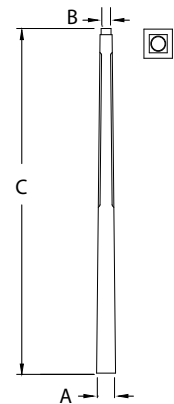
NOTE: Installation kit included. Porch posts can be field trimmed to various heights without losing load rating.

Lamp Post

Non-Structural / Decorative

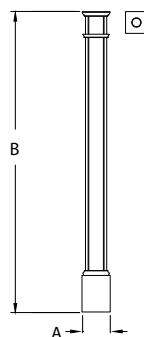
Part Number	Bottom Width (A)	Top Width (B)	Height (C)	Pipe Diameter
LP6X96	5 1/2"	3 1/2"	96"	2 7/8"

NOTE: Non-structural pipe extends 1 3/4" beyond top of post.



Panel Square Column

Structural



Part Number	Width	Base Width (A)	Height (B)	Base Height	Load Bearing Capacity
COL8X96PSQ	6 1/8"	8"	96"	13 5/8"	12,000#
COL11X96PSQ	8"	10 1/2"	96"	13 3/4"	12,000#
COL11X108PSQ	8"	10 5/8"	108"	12 3/4"	12,000#

NOTE: Installation kit included.

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