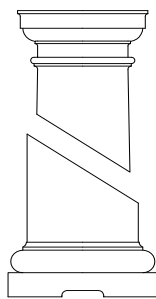


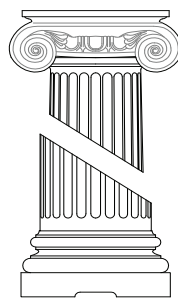
The Hartmann-Sanders™ architectural shop can produce a complete line of architectural wood column styles and sizes on a made-to-order basis. We offer columns ranging from the timeless architectural orders to more modern no-taper rounds, squares (plain and panel), craftsman, colonial, and barrel columns. Columns are available in paint grade woods (finger-jointed pine, redwood, or cedar) for interior or exterior use, or stain grade woods for interior applications (most common stain grade species are shown below). We recommend using western red cedar or heart redwood for exterior applications due to their superior natural weather-resistant characteristics. We can factory prime columns to be painted and apply asphalt coating for added protection for columns to be installed outside.

The Classic Columns



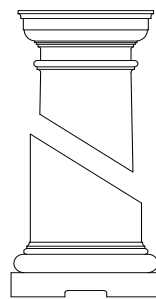
Tuscan

- Simplest and strongest design
- Usually Plain rather than fluted
- Shaft length, including cap and base, is seven times diameter



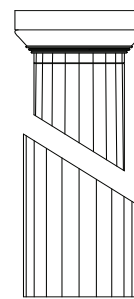
Roman Ionic

- Ornate design with decorative scrolled capital and Attic Base
- Contains 24 semi-circular flutes separated by fillets
- Shaft length, including cap and base, is nine times diameter



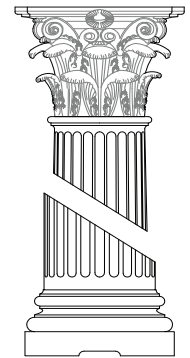
Roman Doric

- Next in strength and simplicity to the Tuscan cap and base contain additional moulding detail
- Usually Plain rather than fluted
- Shaft length, including cap and base, is eight times diameter



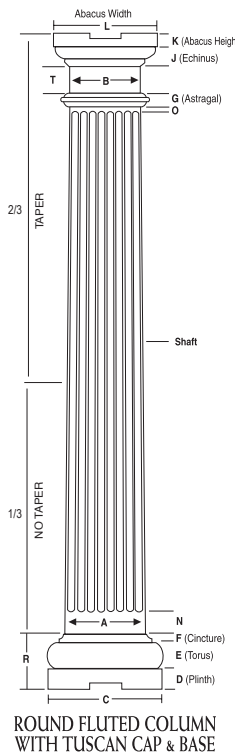
Greek Doric

- Has no base
- Contains 20 shallow flutes that form peaks (no fillets)
- Shaft length, including cap, is five and a half diameters



Roman Corinthian

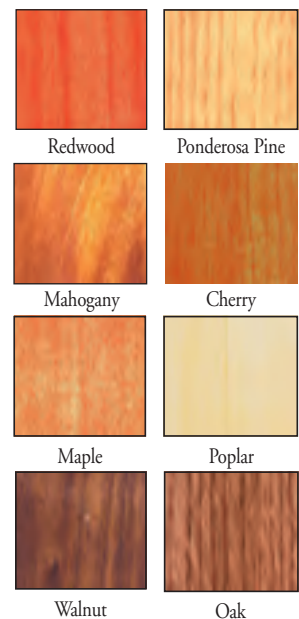
- Most elegant style, features an inverted bell capital adorned with acanthus leaves and an Attic Base
- Fluted in the Ionic Style
- Shaft length including cap and base is ten diameters



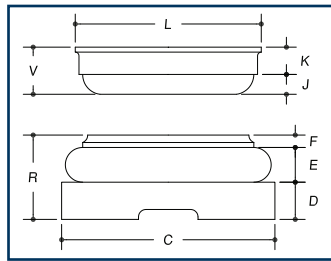
Shaft Specifications for Tuscan, Roman Ionic, Roman Doric and Roman Corinthian Columns

Shaft Nominal Diameter	Bottom	Top	Flutes	
	Net Inside Diameter	Net Inside Diameter	Number	Width
6"	3	2½	24	½
8"	5¼	4¾	24	11/16
10"	7¼	6¾	24	7/8
12"	9	7¾	24	1
14"	10⅞	9	24	1¼
16"	12	10	24	1¼
18"	14¼	12	24	1½
20"	16¼	13	24	1⅞
22"	18¼	15	24	1⅞
24"	20¼	17	24	2⅞
26"	22⅞	19	24	2¼
28"	24⅞	21	24	2⅞

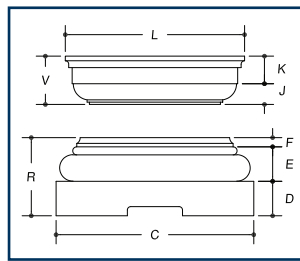
Most Popular Stain Grade Wood Species



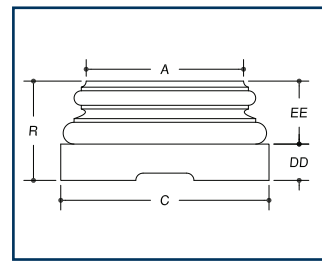
Cap and Base Options



Tuscan



Roman Doric

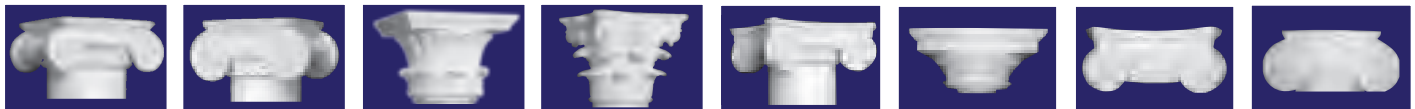


Attic

Architectural Wood Cap and Base Options

Shaft Nominal Diameter	Tuscan Base			Tuscan Cap		Roman Doric Base			Roman Doric Cap		Attic Base		
	Plinth Width C	Plinth Height D	Total Height R	Abacus Width L	Total Height V	Plinth Width C	Plinth Height D	Total Height R	Abacus Width L	Total Height V	Plinth Width C	Plinth Height D	Total Height R
6"	8	1 1/2	3 1/4	7 1/2	1 3/4	8	1 1/2	3 1/4	7 1/2	2	8	1 1/2	3 1/2
8"	10 3/4	1 7/8	4 1/4	9 3/8	2 3/8	10 3/4	1 7/8	4 1/4	9 3/4	2 5/8	10 3/4	1 7/8	5 1/8
10"	13 3/8	2 3/8	5 1/4	12 1/8	3	13 3/8	2 3/8	5 3/8	12 1/2	3 1/8	13 3/8	2 3/8	6 1/4
12"	16 1/8	2 3/4	6	14 3/8	3 3/8	16 1/8	2 3/4	6 3/16	14 3/4	4	16 1/8	2 3/4	7 1/4
14"	18 3/4	3 3/8	7 3/8	17 1/8	4	18 3/4	3 3/8	7 3/8	17 1/2	4 11/16	18 3/4	3 3/8	8 3/4
16"	21 1/2	3 7/8	8 3/8	19 1/4	4 5/8	21 1/2	3 7/8	8 3/4	19 7/8	5 3/8	21 1/2	3 7/8	10 1/8
18"	24 1/4	4 1/4	9 3/8	21 1/2	5 1/8	24 1/4	4 1/4	9 7/8	22 1/4	6	24 1/4	4 1/4	11 3/8
20"	27	4 3/4	10 3/4	24 1/4	5 3/8	27	4 3/4	11	25	6 3/4	27	4 3/4	12 7/8
22"	29 3/4	5 1/4	12 1/8	26 1/2	6 3/8	29 3/4	5 1/4	12	27 3/8	7 3/8	29 3/4	5 1/4	14 1/4
24"	32 1/2	5 3/4	13 1/4	28 3/4	6 7/8	32 1/2	5 3/4	13 1/4	29 3/4	7 15/16	32 1/2	5 3/4	15 11/16
26"	35	6 1/4	14 1/2	31 1/2	7 3/8	35	6 1/4	14 3/8	32 1/2	8 11/16	35	6 1/4	16 7/8
28"	38	6 3/4	15 1/2	33 3/8	8	38	6 3/4	15 3/8	34 3/8	9 3/8	38	6 3/4	18 1/8

Ornamental Capital Options for Architectural Columns



Roman Ionic

Greek Ionic

Temple of the Winds

Roman Corinthian

Scamozzi

Decorative Roman Doric

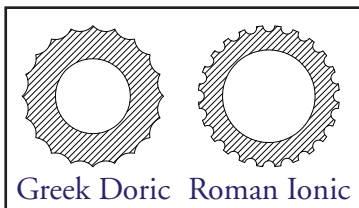
Empire

Greek Erectheum

Ornamental Capitals for Architectural Wood Columns

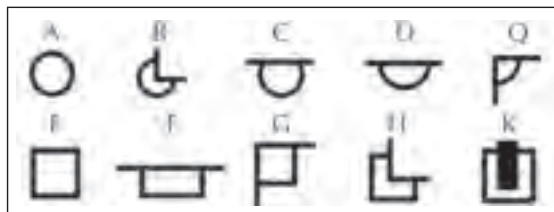
Nominal Shaft Bottom	Roman Ionic		Greek Ionic		Temple of Winds		Roman Corinthian		Scamozzi		Decorative Roman Doric		Empire		Greek Erectheum	
	Abacus Width	Capital Height	Abacus Width	Capital Height	Abacus Width	Capital Height	Abacus Width	Capital Height	Abacus Width	Capital Height	Abacus Width	Capital Height	Abacus Width	Capital Height	Abacus Width	Capital Height
6"	6 1/8	2 1/4	N/A	N/A	8	7	9 1/2	7	7 3/4	2 5/8	8 3/4	4	9	3 1/8	6 3/4	3 1/4
8"	8 1/4	3	9 1/2	3 3/4	10 1/2	7 1/2	12	8 1/2	10 1/4	3	13 1/8	6	10	3 3/4	7 3/4	4 1/2
10"	11	3 3/8	14 1/2	5 3/8	15 3/4	11 1/8	15	12	16	4 1/2	14 1/4	6 3/4	16	5 1/2	12	5 1/2
12"	12 1/2	4 1/2	17 1/4	6	16 7/8	11 5/8	18 1/2	14 1/2	17 1/2	5	16 1/4	7	18	6 3/4	14 1/2	6 1/4
14"	17 1/2	5 1/2	20 3/4	7 1/4	21 1/4	14	22	17	19 1/2	6	21	9	20 1/2	7 1/4	15	7
16"	17 1/2	6 1/8	20 1/2	8 3/8	23	16	27	20	22 1/4	6 1/4	24	10 1/2	23	8 3/4	17 1/2	9
18"	20	6 1/2	24 1/4	9 3/4	26 3/4	18 1/8	32 1/2	23	25	7 1/2	28	12 1/2	32	10	22	10 1/4
20"	20	6 1/2	29 3/4	11	28	21 1/2	39	25 1/2	26	8 3/4	N/A	N/A	34	11 1/4	26	11
22"	25	8 3/4	N/A	N/A	34 1/2	23 1/4	42	28 1/2	28 1/2	8 1/2	N/A	N/A	N/A	N/A	26	11 1/4
24"	25 1/4	9	35	12 3/4	37 1/4	28 1/2	42	28 1/2	34 1/4	10 1/4	N/A	N/A	35 1/2	12 3/4	30 1/2	13

Flute Options



Greek Doric Roman Ionic

Splitting Options



Diameter	Load-Bearing Capacity	
	Pine	Redwood
8"	4,100	7,600
12"	6,600	12,500
18"	14,400	19,400
20"	16,600	22,100
24"	20,000	26,200



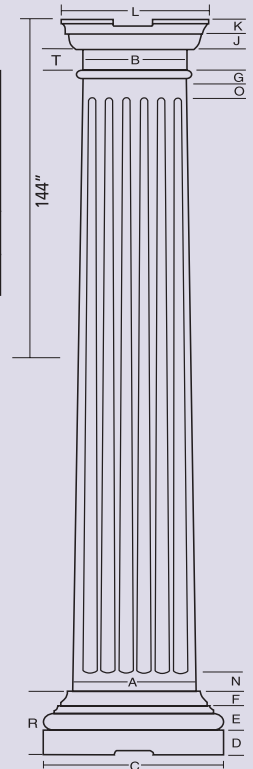
Round Stock Wood Columns



Stock Column Dimensions (In Inches)

COL. SIZE	A	B	C	D	E	F	G	J	K	L	O	N	R	T	LENGTH AVAIL (ft)
6"	5 5/8"	4 3/8"	7 1/4"	1 3/8"	1 1/4"	3/16"	1 5/16"	1 1/16"	1 1/16"	7"	4 1/2"	8"	3 3/16"	2"	8,10
8"	7"	6 1/4"	9 1/4"	1 1/2"	1 1/4"	3/4"	1 5/16"	1 1/4"	1 1/4"	8 7/8"	4 1/2"	8"	3 3/4"	2"	8,10,12
10"	9"	8 3/4"	11 1/4"	1 1/2"	1 1/4"	3/4"	1 5/16"	1 1/4"	1 3/16"	10 1/2"	4 1/2"	8"	3 3/4"	2"	8,10,12
12"	11 1/8"	9 3/8"	13 3/8"	1 3/8"	1 1/4"	7/8"	1 5/16"	1 3/4"	1 3/8"	12"	4 1/2"	8"	3 1/8"	2"	8, 10, 12

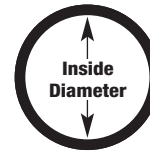
Larger sizes available. Call for quote.



Round Wood Inside Dimensions

Inside diameter may vary up to 1/4".
Splitting a column will decrease inside dimension 1/8".

COL. DIA.	TOP I.D.	BOT I.D.
6"	3 1/8"	3 1/8"
8"	4 3/8"	4 3/8"
10"	6 3/4"	6 3/4"
12"	7 1/8"	9 3/8"



Capitals and Bases for Stock Wood Columns

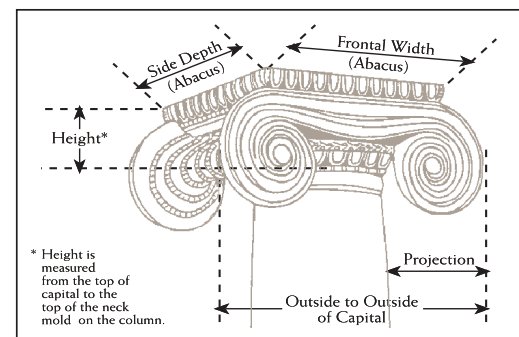
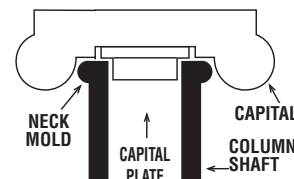
CAPITAL DIMENSIONS FOR ROUND COLUMNS (In Inches)

Size of Columns (Diameter at Bottom of shaft)		6"*	8"	10"	12"
		ROUND	ROUND	ROUND	ROUND
Roman Ionic	O/S Dia	5 1/4"	7 1/4"	9"	11 1/4"
	Height	2 1/4"	3 1/4"	4"	4 3/4"
	Abacus	6 1/8"	8 1/8"	10 1/4"	12 1/2"
	Projection	N/A	3 3/8"	4 3/8"	5"
	O/S to O/S	N/A	10 1/2"	13 3/8"	16 1/2"
Greek Ionic	O/S Dia	5"	7"	8 3/4"	11 1/4"
	Height	3 1/4"	4 3/4"	5 3/4"	6 3/4"
	Abacus	6 3/4"	7 3/4"	10 1/4"	14 3/8"
	Projection	N/A	3 3/8"	5"	7 1/2"
	O/S to O/S	N/A	11 7/8"	14 1/4"	20 1/4"
Temple of the Winds	O/S Dia	6 1/4"	7 1/2"	8 3/4"	11"
	Height	7 1/2"	8"	10 3/8"	11 3/4"
	Abacus	10 1/2"	11 7/8"	13 3/8"	16 3/8"
	Projection	N/A	5 1/2"	6"	7"
	O/S to O/S	N/A	11 7/8"	13 3/8"	16 3/8"
Roman Corinthian	O/S Dia	6"	6 1/2"	8 3/4"	11 1/2"
	Height	8 1/2"	8 3/4"	11 1/4"	16 3/8"
	Abacus	12"	12 1/2"	14 3/8"	18 1/4"
	Projection	N/A	4 3/4"	6 1/4"	7 3/4"
	O/S to O/S	N/A	12 1/4"	14 3/8"	18 3/4"
Scamozzi	O/S Dia	6"	6 1/4"	9 1/2"	11"
	Height	2 7/8"	3 3/8"	4 3/8"	5 1/8"
	Abacus	10"	9 3/4"	14 1/4"	16 3/8"
	Projection	N/A	3 3/8"	5 3/8"	6"
	O/S to O/S	N/A	10"	14 1/4"	16 3/8"

*8"-12" Round Ornamental Capitals are load bearing
*Ornamental capitals are composition caps
*Other styles of decorative capitals available. Contact a customer service representative.

8" - 12" Load Bearing Ornamental Capitals for ROUND Wood Columns

Adding a load bearing ornamental capital to a round wood column will lengthen or shorten the overall height of the column depending on the height of the capital. Subtract the "T" dimension (from the column dimensions chart) and add the height of the ornamental capital +/- 1/4" for overall column height.



* Height is measured from the top of capital to the top of the neck mold on the column.

Capitals and bases for wood columns are load bearing. The shaft fits on the capital and base and alters the height of the shaft. Several options are offered for wood columns.

TUSCAN CAPITAL AND BASE (STANDARD)
The Tuscan style is standard and best complements the wood column. Tuscan is available for all ROUND wood shafts.

ORNAMENTAL CAPITALS

Five styles of ornamental capitals are available. Nothing makes a statement like wood columns with an ornamental cap. 8"-12" ornamental capitals for Round wood columns are load bearing.

Using an ornamental capital with a wood shaft will alter the height of the shaft.

ATTIC BASE

Attic bases are used for a more ornate look and comes in two pieces. The plinth (see DD dimension in chart and the torus (EE)).

TIPS

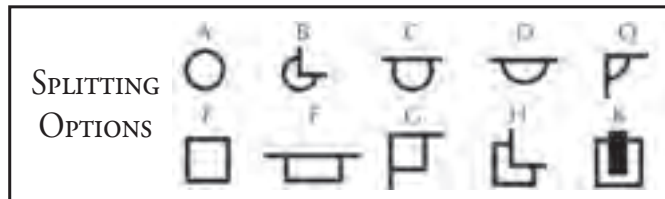
When ordering an ornamental cap order the appropriate base for the column.

Ornamental caps will lengthen or shorten the height of the column.

Insure exact opening measurement prior to ordering column length.

WHAT YOU NEED TO KNOW

- The height of a column includes capital and base Ex. 8' = shaft 7' 6 1/2" and capital and base total 8'.
- Cap and base fit on top and bottom of column insulation the column from the elements.
- Split columns are not load bearing.
- For transportation purposes small section of split columns are left partially intact.
- Store columns in dry, well ventilated area.
- For exterior applications: Paint inside of column shaft with a nonfibrous asphaltum type roof coating. Application must reach minimum 48" up the inside bottom of the column shaft.
- Wood columns require ventilation at the top and bottom.
- Failure to adhere to installation instructions voids the warranty



Warranty

Dixie-Pacific™ warrants that for one year from date of shipment from its factory, its stock pine columns, when properly and adequately protected from the elements will be free of defects in material or workmanship. Columns must be properly stored in a cool, dry environment prior to installation. In the event defects are found, Dixie-Pacific™ agrees to replace or repair the product at their option. No one is authorized to promise any other liability. Any changes, attachments, modifications or improvements to the products are specifically excluded from this warranty. In the event of a claim against this warranty, proof of purchase, with date will be required to affect such a claim. Installation cost not included. Dixie-Pacific™ gives no other warranty expressed or implied.