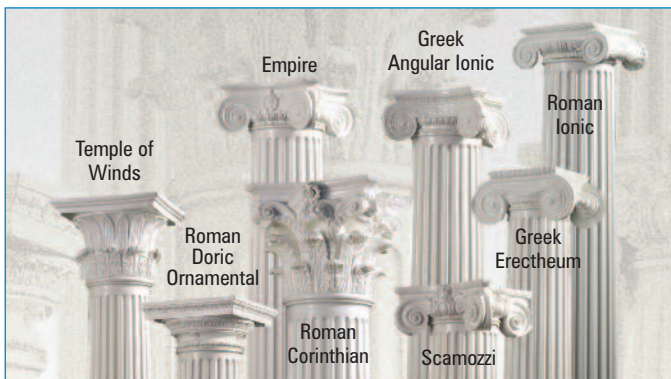


# Ornamental Capitals



Specifications below are for round tapered fiberglass columns only. Ornamental capitals may be available for 20", 24", Classic-Wound, square non-tapered fiberglass, and round non-tapered fiberglass columns. Please call for availability and exact specifications.

Temple of Winds			Roman Doric Ornamental			Empire		
Bottom Shaft Dia.	Cap Height	Abacus Width	Bottom Shaft Dia.	Cap Height	Abacus Width	Bottom Shaft Dia.	Cap Height	Abacus Width
6"	7"	8"	6"	4"	8-3/4"	6"	3-1/8"	9"
• 8"	7-7/16"	10-1/8"	8"	4-5/8"	10-1/2"	8"	3-3/4"	10"
• 10"	9-7/8"	13-1/2"	10"	6"	14-1/4"	10"	5-1/4"	13-1/2"
• 12"	11-9/16"	16-1/4"	12"	7-1/4"	16"	12"	6-3/8"	17-1/2"
14"	14"	21"	14"	9"	21"	14"	7-3/8"	20-3/8"
16"	16-1/2"	22-1/2"	16"	10-1/2"	24"	16"	8-3/4"	23"
18"	18-3/8"	25-3/4"	18"	12-1/2"	28"	18"	10"	32"

Roman Corinthian			Greek Angular Ionic			Scamozzi		
Bottom Shaft Dia.	Cap Height	Abacus Width	Bottom Shaft Dia.	Cap Height	Abacus Width	Bottom Shaft Dia.	Cap Height	Abacus Width
6"	7"	9-1/2"	6"	3-1/4"	8-1/2"	6"	2-1/2"	7-3/4"
• 8"	9-7/8"	11-1/2"	8"	3-3/4"	9-1/2"	8"	3-1/8"	9-3/4"
• 10"	11-3/4"	14-1/4"	10"	5-3/8"	14-1/2"	10"	3-7/8"	14"
• 12"	14-3/8"	18-1/4"	12"	6"	17-1/4"	12"	4-7/8"	16-1/4"
14"	17-1/8"	22-1/2"	14"	7-1/4"	20-3/4"	14"	5-3/4"	18-1/2"
16"	17-5/8"	23-1/2"	16"	8-3/8"	20-1/2"	16"	5-3/4"	21-3/8"
18"	21-1/4"	27-1/2"	18"	9-3/4"	24-1/4"	18"	7-1/2"	24-1/4"

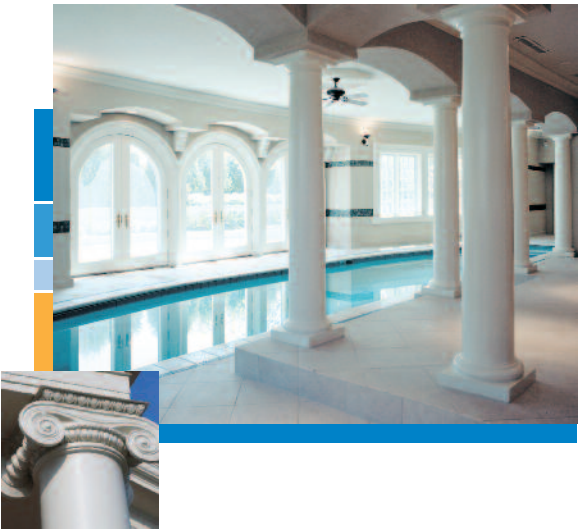
  

Greek Erectheum			Roman Ionic		
Bottom Shaft Dia.	Cap Height	Abacus Width	Bottom Shaft Dia.	Cap Height	Abacus Width
6"	3-1/4"	6-3/4"	6"	2-1/4"	6-1/4"
8"	3-3/4"	7-3/4"	8"	2-7/8"	7-7/8"
10"	5-5/8"	12"	10"	3-1/2"	10-3/8"
12"	6-1/4"	14-1/2"	12"	4-5/8"	12-1/4"
14"	7"	15"	14"	5-3/4"	16-7/8"
16"	9"	17-1/2"	16"	6-1/4"	18"
18"	10-1/4"	22"	18"	6-1/2"	21"

Arndt & Herman ornamental capitals artfully capture natural themes and images in an aesthetic, composite sculpture. For example, the volute scrolls of the Ionic, Erectheum, Angular, Scamozzi and Empire capitals imitate the helix cross-section of the nautilus shell. The Acanthus leaves on the Temple of Winds and Corinthian capitals echo the flowering crown of a tree. These capitals are crafted from fiberglass or composite materials and are shaped into the appropriate proportions for the various styles of architecture and sizes of column shafts.



For more information, contact us toll free at **1-866-204-3139** or visit [www.arndtandherman.com](http://www.arndtandherman.com)



- 164 sizes in stock
- Square tapered and non-tapered
- Round tapered and non-tapered
- Split columns, caps and bases
- Fluted and raised panel
- Lightweight pultruded fiberglass
- Made to order options
- Decorative capitals and bases

• Most ornamental capitals are in stock and available for quick shipment. All others made to order.

## Fiberglass Columns and Capitals



# Product Information

## Advanced Materials

Now homeowners, commercial builders and residential contractors can enjoy the traditional aesthetics of architecturally proportioned columns with the non-traditional benefits of the most advanced construction materials in the world: fiberglass-reinforced polymer (FRP) and filament-wound fiberglass (FWF). Pound for pound these materials are stronger than concrete, steel or aluminum.



Fiberglass FRP Columns and Classic-Wound™ FWF Columns offer exceptionally low maintenance, the look and feel of natural stone, and a range of applications unequalled by conventional wood columns. They are non-porous, waterproof, and impervious to termite and carpenter ant attacks as well as to staining and decaying fungi. High-humidity environments that are so hard on wood have no effect on these columns; they are rot-proof because they absorb virtually no moisture. In fact, temperature extremes and thermal cycling have very little effect on FRP and FWF.

Even though their shafts are hollow, fiberglass columns and Classic-Wound columns offer substantial resistance to deformation. Structurally, they are among the most versatile vertical supports available. Their hollow centers make them useful as a channel for downspouts, wiring and plumbing – practices never recommended with wood columns.

These durable products are offered with architecturally correct tapers featuring eye-appealing entasis. Fiberglass columns also are available in popular non-tapered shafts and feature concise edges and meticulous detail on every visible surface.

Fiberglass and Classic-Wound columns are shipped unfinished and Arndt & Herman recommends finishing with acrylic latex paint.

## Load Bearing

Weights shown in Load Bearing Capacity tables are for concentric applications, meaning the weight is centered evenly over the diameter of the column through the use of a bearing plate.

Eccentric or off-centered loads must have the beam resting on both walls of the column with an offset no greater than the specified values found in **ICC-ES Legacy Report 22-26**.

## Fiberglass Columns

Arndt & Herman fiberglass columns have redefined the standards for versatility, style, and freedom from maintenance for residential and commercial column installations. They offer the traditional aesthetics of architecturally proportioned columns with the non-traditional benefits of the most advanced construction materials in the world today.

Fiberglass FRP columns are available in fluted and unfluted round, tapered shafts in sizes ranging from 6" x 6" to 24" x 20"; in round, non-tapered shafts from 8" to 8" to 14" x 14"; and in square, non-tapered shafts from 8" x 8" to 12" x 16". Because they are rotocast from a single piece of FRP, they provide the enduring feel of classic, artisan-crafted stone in a one-piece, easy-to-install column.

## Flame Spread and Smoke Index

All rotocast Arndt & Herman Fiberglass columns are specially manufactured so each column passes the **ASTM 84-01, "Standard Test Method for Surface Burning Characteristics of Building Materials" (NFPA 255, ANSI/UL 723 and UBC 8-1)**.

Having a Flame Spread Index (FSI) of **15** puts our columns in a Class I Flame-Spread classification under the 1997 uniform fire code.

Our columns have a Smoke Developed Index (SDI) of **335** which is well below the allowable SDI Index of 450.

As more and more columns are being used on interior applications, meeting the Interior Use Fire Code becomes very important. For more detailed information, please refer to ICC-ES Legacy Report 22-26.

## Limited Lifetime Warranty

Arndt & Herman is so confident in its manufacturing processes for fiberglass and Classic-Wound columns that it offers a limited lifetime warranty to the original owner. Arndt & Herman warrants that fiberglass and Classic-Wound columns will be free of defects in material and workmanship for as long as the original purchaser owns the structure to which they are attached. See warranty for details.

## Round Tapered Fiberglass

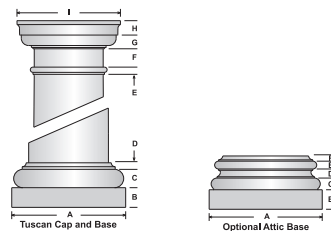
Round Tapered Fiberglass columns may be specified in proportions true to the simple but elegant Tuscan Order, where the height of the column, including capital and base, is equal to seven diameters. For applications where classic proportions are not required or height/width constraints preclude columns strictly conforming to the Tuscan Order, they also may be specified in custom combinations of column heights and widths and in fluted and non-fluted versions.

Tapered Shaft				Tuscan Base			
Outside Dia.*	Inside Dia.**	Fluting Specs		Plinth	Base Moulding	Total	
Bot.	Top	Bot.	Top	A	B C D	B-D	
6"	4-3/4"	4-3/4"	3-3/4"	n/a	n/a	n/a	n/a
8"	6-1/2"	6-3/4"	5-1/2"	24	11/16"		
10"	8-1/2"	8-3/8"	7-3/4"	24	7/8"		
12"	10"	10-3/4"	9-1/4"	24	1"		
14"	12"	11-1/2"	10-1/2"	n/a	n/a		
16"	13-1/2"	13-1/2"	12"	n/a	n/a		
18"	15"	15"	12-3/4"	n/a	n/a		
20"	17"	18"	14-7/8"	n/a	n/a		
24"	20"	22"	18"	n/a	n/a		

\* Actual sizes for 6"-12" diameters are approximately 3/8" less than shown; 14" and larger diameters are approximately 5/8" less than shown.  
 \*\* Actual inside diameters may vary by 3/8".

## Caps and Bases

All Arndt & Herman caps and bases are designed to provide crisp, true architectural detail and are made of materials that offer increased durability and low maintenance. The standard cap and base set for fiberglass tapered round columns is Tuscan style. An optional Attic style base is also available for a more upscale look. Caps and bases are manufactured of low-maintenance composite materials. See charts below.



Load-bearing Capacities*			
Size	Pounds	Size	Pounds
6"	6,000	16"	20,000
8"	10,000	18"	20,000
10"	14,000	20"	20,000
12"	18,000	24"	20,000

\*Split columns are not load bearing.

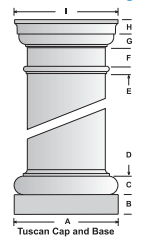
Tuscan Cap						Optional Attic Base					
E	F	G	H	I	Total G-H	Plinth	Base Moulding	Total	B-F		
						A	B C D E	B-F			
1/2"	31/32"	31/32"	1-1/16"	7-1/2"	2-1/32"	n/a	n/a	n/a	n/a	n/a	n/a
1/2"	1-3/4"	1-5/16"	1-3/8"	9-7/8"	2-11/16"	10-7/8"	1-7/8"	1-1/8"	7/8"	3/4"	1/2"
3/4"	1-5/8"	1-13/16"	1-3/4"	12-5/32"	3-9/16"	13-1/2"	2-3/8"	1-1/4"	1-1/8"	7/8"	5/8"
3/4"	1-3/32"	1-29/32"	2"	14-5/8"	3-29/32"	16-1/8"	2-3/4"	1-1/2"	1-3/8"	1"	5/8"
1"	2-9/32"	2-15/32"	2-5/16"	16-31/32"	4-25/32"	18-1/2"	3-5/16"	1-3/4"	1-21/32"	1-1/4"	11/16"
1"	2-1/4"	2-23/32"	2-23/32"	19-3/32"	5-7/16"	21-3/16"	3-3/4"	2-7/32"	1-7/8"	1-15/32"	13/16"
1"	2-1/4"	2-31/32"	2-31/32"	21-5/16"	5-15/16"	23-15/16"	4-7/32"	2-11/32"	2-1/8"	1-7/16"	1-1/8"
1-5/16"	2-3/4"	3-1/8"	3-7/16"	24-1/4"	6-9/16"	27-1/16"	4-3/4"	2-11/16"	2-3/8"	1-3/4"	1-7/16"
1-5/8"	4-3/4"	3-3/16"	4-1/8"	28-3/4"	7-5/16"	32-1/2"	5-3/4"	3-5/16"	2-13/16"	2-1/8"	1-3/4"

Available Column Sizes											
Dia.	Height	Dia.	Height	Dia.	Height	Dia.	Height	Dia.	Height	Dia.	Height
6" x 6"	10' x 8"	12" x 10'	14" x 16'	16" x 20'	18" x 20'	20" x 14'	24" x 14'	6" x 8"	10" x 9'	12" x 12'	16" x 16'
6" x 8"	10" x 9'	12" x 12'	16" x 8"	18" x 8"	18" x 22'	20" x 16'	24" x 16'	8" x 6"	10" x 10'	12" x 16'	16" x 10'
8" x 6"	10" x 10'	12" x 16'	16" x 10'	18" x 10'	18" x 24'	20" x 18'	24" x 18'	8" x 8"	10" x 12'	14" x 8"	16" x 12'
8" x 8"	10" x 12'	14" x 8"	16" x 12'	18" x 12'	20" x 6"	20" x 20'	24" x 20'	8" x 9"	12" x 6"	14" x 10'	16" x 14'
8" x 10"	12" x 8"	14" x 12'	16" x 16'	18" x 16'	20" x 10'	24" x 10'		10" x 6"	12" x 9"	14" x 14'	16" x 18'
10" x 6"	12" x 9"	14" x 14'	16" x 18'	18" x 18'	20" x 12'	24" x 12'					

Available in plain or fluted.

## Caps and Bases

The standard cap and base set for square non-tapered fiberglass columns is Tuscan style. The caps and bases are polyurethane. Available in lightweight squares

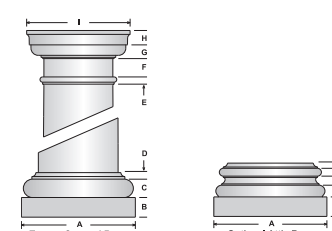


Available Column Sizes			
Dia.	Height	Dia.	Height
6" x 8"	12" x 8"	6" x 10"	12" x 10'
8" x 8"	12" x 12'	8" x 10"	12" x 14'
10" x 8"	12" x 16'	10" x 10"	12" x 16'
10" x 10"	12" x 10'		

Tuscan Cap					
Neck	Round	Abacus	Total		
E	F	G	H	I	G-H
3/4"	1"	31/32"	1-1/16"	7-1/2"	2-1/32"
3/4"	1-5/16"	1-5/16"	1-3/8"	11-1/4"	2-11/16"
3/4"	1-9/16"	1-13/16"	1-3/4"	13-7/32"	3-9/16"
3/4"	1-1/8"	1-7/8"	2"	17-1/4"	3-7/8"
1"	2-3/16"	2-15/32"	2-11/32"	18-11/16"	4-13/16"

## Made to Order

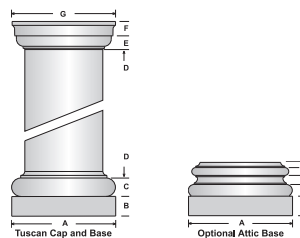
For those projects requiring large columns 20" in diameter and greater with heights up to 36', Arndt & Herman offers a wide range of options.

Tapered Shaft				Tuscan Base			
Outside Dia.	Inside Dia.			Plinth	Base Moulding	Total	
Bot.	Top	Bot.	Top	A	B C D	B-D	
20"	16-9/16"	19-13/16"	16-3/8"	27"	4-3/4"	4-1/4"	1-3/4"
22"	18-9/16"	21-13/16"	18-3/8"	29-3/4"	5-1/4"	4-3/4"	2-1/8"
24"	20-9/16"	23-13/16"	20-3/8"	32-1/2"	5-3/4"	5-1/4"	2-1/4"
30"	26-9/16"	29-13/16"	26-3/8"	40-1/2"	7-1/4"	6-1/2"	2-3/4"
	29-15/16"	35-3/4"	29-11/16"	48-3/4"	8-3/4"	7-3/4"	3-5/8"



SOLUTIONS



Load-bearing Capacities	
Size	Pounds
8"	10,000
10"	14,000
12"	18,000
14"	20,000

Non-tapered Shaft		Tuscan Base			
Outside Dia.*	Inside Dia.**	Plinth	Base Moulding	Total	Ht.
8"	6-3/4"				
10"	8-3/8"	10-7/8"	1-7/8"	1-3/4"	5/8"
12"	10-3/4"	13-1/2"	2-3/8"	2-1/8"	3/4"
14"	11-1/2"	16-1/4"	2-3/4"	2-3/8"	7/8"
		18-19/32"	3-11/32"	2-31/32"	1"

\* Actual outside diameters are approximately 3/8" to 1/2" less than shown.  
 \*\* Actual inside diameters may vary by 3/8".

## Caps and Bases

The standard cap and base set for Classic-Wound tapered round columns is Tuscan style. An optional Attic style base is also available for a more upscale look. Caps and bases are manufactured of low-maintenance composite materials.

Load-bearing Capacities			
Size	Pounds	Size	Pounds
20"	26,000	30"	30,000
22"	28,000	36"	30,000
24"	30,000		

Available Column Sizes							
Dia.	Height	Dia.	Height	Dia.	Height	Dia.	Height
20" x 18"	22" x 18"	24" x 12"	24" x 24"	30" x 24"			
20" x 20"	22" x 20"	24" x 18"	24" x 26"	36" x 20"			
20" x 22"	22" x 22"	24" x 20"	30" x 20"	36" x 22"			
20" x 24"	22" x 24"	24" x 22"	30" x 22"	36" x 24"			

Tuscan Cap						Optional Attic Base					
E	F	G	H	I	Total G-H	Plinth	Base Moulding	Total	B-F		
						A	B C D	B-F			
1-5/16"	3-3/4"	2-1/4"	3-3/8"	24-1/4"	5-5/8"	27"	4-3/4"	2-5/8"	2-3/8"	1-3/4"	1-3/8"
1-3/8"	4"	2-1/2"	3-3/4"	26-1/2"	6-1/4"	29-3/4"	5-1/4"	2-7/8"	2-5/8"	1-7/8"	1-5/8"
1-9/16"	4-1/2"	2-3/4"	4-1/8"	28-3/4"	6-7/8"	32-1/2"	5-3/4"	3-3/16"	2-7/8"	2-1/8"	1-3/4"
1-7/8"	5-1/2"	3-1/2"	5-1/8"	35-3/4"	8-5/8"	40-1/2"	7-1/4"	3-7/8"	3-5/8"	2-5/8"	1-7/8"
2-5/16"	6-1/2"	4-1/4"	6-1/4"	42-3/4"	10-1/2"	48-3/8"	8-3/4"	4-3/4"	4-3/8"	3-1/8"	2-1/2"

## Round Non-tapered Fiberglass

Round non-tapered fiberglass columns are designed for exterior and interior applications where a non-traditional, smooth, straight shaft is desired. They may be specified in a wide variety of column heights and widths to meet any design criteria.

## Caps and Bases

The standard cap and base for round non-tapered fiberglass columns is a modified Tuscan style. Caps and bases are manufactured of low-maintenance composite materials.

Available Column Sizes			
Dia.	Height	Dia.	Height
8" x 8"	10" x 10'	12" x 12'	14" x 12'
8" x 10"	12" x 8"	14" x 8"	14" x 14'
10" x 8"	12" x 10'	14" x 10'	

Tuscan Cap				Optional Attic Base					
E	F	G	E-F	Plinth	Base Moulding	Total	B-F		
				A	B C D	B-F			
1-13/16"	1-3/4"	12-5/32"	3-9/16"	10-7/8"	1-7/8"	1-1/8"	7/8"	3/4"	1/2"
1-29/32"	2"	14-5/8"	3-29/32"	13-1/2"	2-3/8"	2-1/8"	7/8"	5/8"	6-1/4"
2-15/32"	2-5/16"	16-31/32"	4-25/32"	16-1/8"	2-3/4"	1-1/2"	1-3/8"	1"	5/8"
2-23/32"	2-23/32"	19-3/32"	5-7/16"	18-1/2"	3-5/16"	1-3/4"	1-21/32"	1-1/4"	11/16"

## Square Non-tapered Fiberglass

Popular design elements for today's Craftsman or traditional eclectic structures, square non-tapered fiberglass columns combine crisp, good looks and remarkably low maintenance. Also available in fluted, raised panel and lightweight squares.

Load-bearing Capacities*	
Size	Pounds
6"	6,000
8"	10,000
10"	14,000
12"	18,000

\*Split columns are not load-bearing.

Non-tapered Shaft		Tuscan Base			
Outside Width*	Inside Width**	Plinth	Round	Total	B-D
6"	2-3/8"				
8"	4-3/8"	A	B C D	B-D	
10"	7-3/16"	10-7/8"	1-7/8"	1-3/4"	5/8"
12"	10-5/8"	13-1/2"	2-3/8"	2-1/8"	3/4"
14"	12-1/2"	17"	2-3/4"	2-3/8"	7/8"
		18-13/16"	3-3/8"	2-15/16"	1-1/16"

\*Actual outside widths are 1/8" less than shown. \*\* Actual inside widths may vary by 3/8".