

Fiberglass Column Collection



C R O W N C O L U M N

fiberglass column collection

Fiberglass

Fiberglass columns from Crown Column are a satisfying combination of modern-day technology and low maintenance care. Each column shaft is produced with the lower one third straight and the upper two thirds tapered, creating a correct architectural entasis. Entasis, attributed to ancient Greek architecture, is the slight convex curving of the column shaft resulting in a most pleasing appearance.

Quality materials, excellent workmanship and aesthetic appeal make Crown Column products an exceptional value.

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round fiberglass cast

Bound



Fiberglass columns are available in plain and fluted shafts. Our fluted round columns are cast fluted, resulting in a crisp, deep and architecturally correct Ionic flute. Fluted columns are available in a wide range of sizes from 6" through 30" in diameter. The columns are a composition of cast glass-reinforced polymers with exceptional strength and durability.

Priming and painting with an oil-based or acrylic latex coating is all that is necessary after installation. Crown Column's cast fiberglass columns have been tested for surface burning characteristics under ASTM E 84 and demonstrated a Flame Spread Index of less than 25 and a Smoke Development Index of less than 450 which meets a Class A Interior Finish Rating.

All Crown fiberglass columns come with a limited lifetime warranty for material and workmanship when properly installed.

Specifications for Round Tapered Cast Fiberglass Columns with Tuscan Capital Base

Size	Bottom Dia	Neck Dia	Base Plinth	Base Plinth	Base Molding	Capital Square	Capital Square	Capital Round	Bead	Bottom Flute	Top Flute	Flute Width	Above Bead	Number of Flutes
	A	B	C	D	E	F	G	H	I	J	K	L	M	
6"	5 5/8"	5 1/2"	8 1/4"	1 1/2"	1 3/4"	7 1/8"	1 1/8"	5/8"	1"	10 3/4"	1"	5/16"	3 1/4"	16
8"	7 5/8"	6 1/2"	10 1/4"	1 7/8"	2 3/8"	9 1/16"	1 3/8"	1"	1"	10 3/4"	1"	1 1/16"	4 1/4"	24
10"	9 5/8"	8 1/2"	12 7/8"	2 3/8"	2 7/8"	11 7/8"	1 3/4"	1 1/4"	1"	10 3/4"	1"	7/8"	5 1/8"	24
12"	11 5/8"	10"	15 1/4"	2 3/4"	3 1/4"	14 1/2"	2"	1 3/8"	1"	10 3/4"	1"	1"	5 7/8"	24
14"	13 5/8"	12"	18 3/4"	3 3/8"	4"	17 1/4"	2 3/8"	1 5/8"	1 1/8"	10 3/4"	1"	1"	6 7/8"	24
16"	15 5/8"	13 1/2"	21 1/2"	3 7/8"	4 1/2"	19 1/4"	2 3/4"	1 7/8"	1 1/4"	10 3/4"	1"	1 1/4"	7 1/2"	24
18"	17 1/2"	15"	24 1/4"	4 1/4"	5 3/8"	21 3/8"	3"	2"	1 3/8"	10 3/4"	1"	1 11/16"	8 5/8"	24
20"	20"	17"	27"	4 3/4"	6"	24 1/4"	3 3/8"	2 1/4"	1 1/2"	*	*	*	9 1/2"	*
22"	21 5/8"	18 1/2"	29 3/4"	5 1/4"	6 7/8"	26 1/2"	3 3/4"	2 1/2"	2 1/2"	*	*	*	10 3/4"	*
24"	23 5/8"	20"	32 1/2"	5 3/4"	7 1/2"	28 3/4"	4 1/8"	2 3/4"	2 5/8"	*	*	*	11 7/8"	*
26"	25 5/8"	22"	35"	6 1/4"	8 3/8"	31 1/2"	4 3/8"	3"	2 7/8"	*	*	*	12 3/4"	*
28"	27 5/8"	23 1/2"	38"	6 3/4"	8 3/4"	33 3/8"	4 3/4"	3 1/4"	3"	*	*	*	13 7/8"	*
30"	29 5/8"	25"	40 1/2"	7 1/4"	9 1/4"	35 3/4"	5 1/8"	3 1/2"	3 1/2"	*	*	*	14 7/8"	*

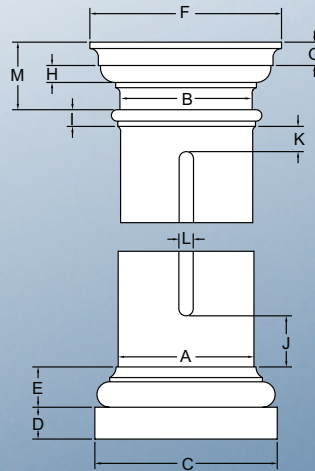
Load Bearing Capacities

Size	Cast
6"	8,000
8"	10,500
10"	13,990
12"	18,000
14"	20,020
16"	21,945
18"	25,000
20"	30,007
22"	30,007
24"	30,007
26"	30,007
28"	30,007
30"	30,007

1. Load capacities are determined by eccentric testing information

2. Please consult your structural engineer for wind shear, uplift, and building code requirements

Round Fiberglass Cast



Cut at Bead Loss

When Using Decorative Capital

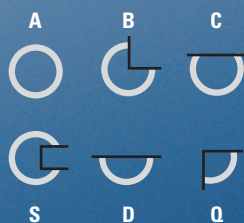
Size	Cast
	M
6"	3 1/4"
8"	4 1/4"
10"	5 1/8"
12"	5 7/8"
14"	6 7/8"
16"	7 3/8"
18"	8 5/8"
20"	9 1/2"
22"	10 3/4"
24"	11 7/8"
26"	12 3/4"
28"	13 7/8"
30"	14 7/8"

Columns to Surround Structural Supports

Size	Max. Round Support	Max. Square Support
6"	3"	2 1/2"
8"	5 1/4"	3 11/16"
10"	6 7/8"	4 13/16"
12"	8 7/16"	5 7/8"
14"	10 1/16"	7 1/8"
16"	11 7/16"	8 1/16"
18"	13"	9"
20"	15 3/16"	10 1/2"
22"	16 1/2"	12 1/4"
24"	18"	13 3/8"
26"	20"	14 3/4"
28"	21 1/2"	15 1/4"
30"	23"	16 7/8"

Split Columns are non-load bearing

Splitting Options



Fluted Fiberglass Column

Plain Fiberglass Column



Crown Column's lightweight offering includes 14" up to 36" diameters (custom sizes are also available). The lightweight column defines easy installation. This lightweight yet strong and durable product is the best choice for exterior projects which call for large columns. The high content of fiberglass gives this product the durability and strength required of large exterior columns. Eliminating the need for a crane to install this column also makes it an ideal selection.

Specifications for Round Lightweight Column with Tuscan Capital & Base

Size	Bottom Dia	Neck Dia	Base Plinth	Base Plinth	Base Molding	Capital Square	Capital Square	Capital Round	Bead	Bottom Flute	Above Flute	Flute Width	Above Bead
	A	B	C	D	E	F	G	H	I	J	K	L	M
14"	13 5/8"	12"	18 3/4"	3 3/8"	4"	17 1/4"	2 3/8"	1 5/8"	1 1/8"	10 3/4"	1 1/2"	1 1/4"	6 7/8"
16"	15 5/8"	13 1/2"	21 1/2"	3 7/8"	4 1/2"	19 1/4"	2 3/4"	1 7/8"	1 1/4"	10 3/4"	1 1/2"	1 5/8"	7 3/8"
18"	17 5/8"	15"	24 1/4"	4 1/4"	5 3/8"	21 1/2"	3"	2 1/8"	1 3/8"	10 3/4"	1 1/2"	1 3/4"	8 5/8"
20"	19 5/8"	17"	27"	4 3/4"	6"	24 1/2"	3 3/8"	2 1/4"	1 1/2"	10 3/4"	1 1/2"	1 5/8"	9 3/8"
22"	21 5/8"	18 1/2"	29 3/4"	5 1/4"	6 7/8"	26 1/2"	3 3/4"	2 1/2"	1 7/8"	10 3/4"	1 1/2"	1 7/8"	11 1/2"
24"	23 5/8"	20"	32 1/2"	5 3/4"	7 1/2"	28 3/4"	4 1/8"	2 3/4"	2"	10 3/4"	1 1/2"	2 1/4"	12 3/8"
30"	29 5/8"	25"	40 1/2"	7 1/4"	9 1/4"	35 3/4"	5 1/8"	3 1/2"	2 3/4"	10 3/4"	1 1/2"	2 3/4"	15 1/2"
36"	35 5/8"	29 7/8"	48 3/4"	8 3/4"	11 3/8"	42 3/4"	6 1/4"	4 1/4"	2 7/8"	10 3/4"	1 1/2"	3 1/2"	17"

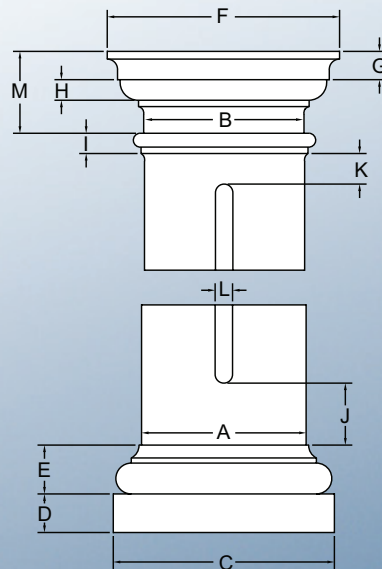
Load Bearing Capacities

Size	Lightweight
14"	20,020
16"	21,945
18"	25,000
20"	30,007
22"	30,007
24"	30,007
30"	30,007
36"	30,007

1. Load capacities are determined by eccentric testing information

2. Please consult your structural engineer for wind shear, uplift, and building code requirements

Lightweight Column



Cut at Bead Loss

When Using Decorative Capital

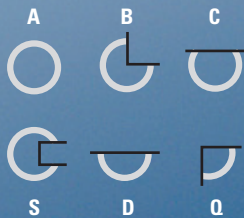
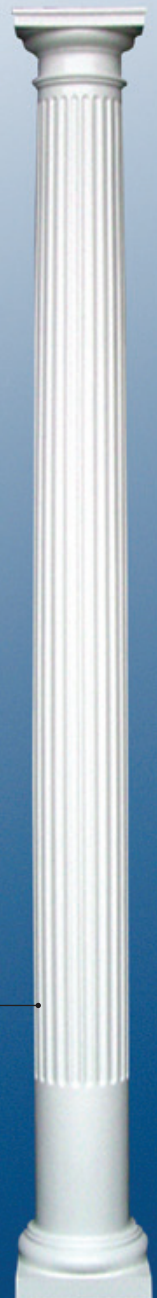
Size	Lightweight
	M
14"	6 7/8"
16"	7 3/8"
18"	8 5/8"
20"	9 3/8"
22"	11 1/2"
24"	12 3/8"
30"	15 1/2"
36"	17"

Columns to Surround Structural Supports

Size	Max. Round Support	Max. Square Support
14"	10 1/16"	7 1/8"
16"	11 7/16"	8 1/16"
18"	13"	9"
20"	15 3/16"	10 1/2"
22"	18 1/4"	12 1/2"
24"	19 5/8"	13 1/16"
30"	24"	17 1/8"
36"	29"	20 5/8"

1. Split Columns are non-load bearing.

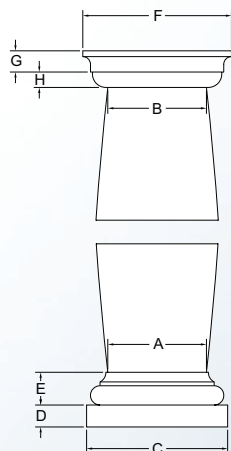
Splitting Options

Fluted
Lightweight
Column

Round barrel



Barrel
Fiberglass
Column

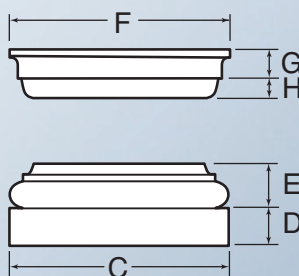


Specifications for Round Barrel Cast Fiberglass Columns with Tuscan Capital & Base

Size	Bottom Dia	Neck Dia	Base Plinth	Base Plinth	Base Molding	Capital Square	Capital Square	Capital Round	Load Bearing Capacity
	A	B	C	D	E	F	G	H	
10"	9 1/2"	10"	12 7/8"	2 3/8"	2 7/8"	14 1/2"	2"	1 3/8"	13,990

Specialty columns offer additional design options to create a distinctive look. Crown's round barrel cast fiberglass columns provide a contemporary flair. Arts & Crafts columns capture the special appeal of the craftsman movement. And Shaker-style, square columns with recessed panels add a traditional touch. Like all Crown columns, each specialty column is made from specially formulated fiberglass polymers.

Round non-tapered

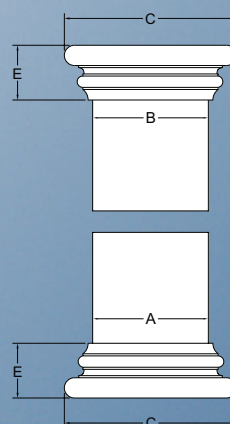


Specifications for Non-Tapered Fiberglass Columns with Contemporary Capital and Base

Size	Bottom Diameter	Neck Dia	Cap/Base Molding Width	Cap/Base Molding Height	Max. Round Support	Max. Square Support
	A	B	C	E		
6"	5 5/8"	5 5/8"	8 1/8"	2 1/8"	3 1/2"	3"
8"	7 5/8"	7 5/8"	10 1/4"	3 1/4"	5"	4"
10"	9 5/8"	9 5/8"	13"	3 7/8"	7"	5"
12"	11 5/8"	11 5/8"	15 1/4"	4 1/2"	8"	6"
14"	13 5/8"	13 5/8"	18 3/8"	5 3/8"	10"	7"
16"	15 5/8"	15 5/8"	21 1/2"	6 1/4"	12 1/2"	8 1/2"
18"	17 5/8"	17 5/8"	24 1/8"	7 5/16"	14 1/2"	9 1/2"
20"	20"	20"	27"	8 1/8"	*	*
24"	24"	24"	32 1/2"	9 15/16"	*	*
30"	30"	30"	40 1/2"	12"	*	*

Specifications for Tuscan Capital & Base for Non-Tapered Fiberglass

Size	Base Plinth	Base Plinth	Base Moulding	Capital Square	Capital Square	Capital Round
	C	D	E	F	G	H
6"	8 1/4"	1 1/2"	1 3/4"	8 1/4"	1 1/8"	5/8"
8"	10 1/4"	1 7/8"	2 3/8"	9 3/4"	1 5/16"	1 1/16"
10"	12 7/8"	2 3/8"	2 7/8"	12 3/4"	1 3/4"	1 5/16"
12"	15 1/4"	2 3/4"	3 1/4"	15 1/4"	2"	1 3/8"
14"	18 3/4"	3 3/8"	4"	19 1/4"	2 5/16"	1 5/8"
16"	21 1/4"	3 7/8"	4 1/2"	21 3/8"	2 3/4"	1 7/8"
18"	24 1/2"	4 1/4"	5 3/8"	24 1/2"	3"	2 1/8"



Non-Tapered
Fiberglass
Column

Splitting Options



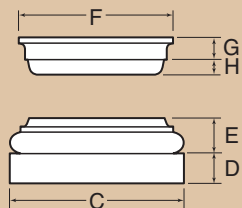
capitals and bases

Crown fiberglass columns come standard with a Tuscan capital and base molding and are made from materials that are water resistant, rot resistant and impervious to insect infestation. Optional design styles include the Attic base molding, the Roman Doric capital and base molding and Contemporary caps and bases for non-tapered fiberglass columns.

For the more traditional installations, Crown offers a full range of decorative capitals that can be viewed on page eleven of this literature piece.

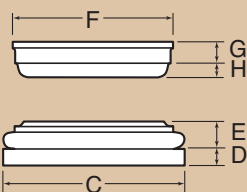
Specifications for Engineered Resin (ER) Tuscan Capital & Base

Size	Base Plinth	Base Plinth	Base Molding	Capital Square	Capital Round	Capital Round
	C	D	E	F	G	H
6"	8 1/4"	1 1/2"	1 3/4"	7 1/2"	1 1/8"	5/8"
8"	10 1/4"	1 7/8"	2 3/8"	9 5/16"	1 3/8"	1"
10"	12 7/8"	2 3/8"	2 7/8"	11 7/8"	1 3/4"	1 1/4"
12"	15 1/4"	2 3/4"	3 1/4"	14 1/2"	2"	1 3/8"



Specifications for Builder Capital & Base

Size	Base Plinth	Base Plinth	Base Molding	Capital Square	Capital Square	Capital Round
	C	D	E	F	G	H
6"	7 7/8"	1 1/4"	1 1/2"	7"	1"	5/8"
8"	9 7/8"	1 1/4"	1 1/2"	9 3/8"	1"	15/16"
10"	11 7/8"	1 1/4"	1 1/2"	11 3/8"	1 1/4"	15/16"
12"	13 3/4"	1 1/4"	1 1/2"	12 7/8"	1 3/8"	1"



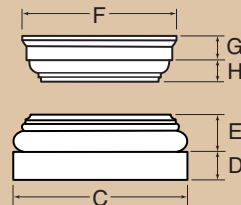
Specifications for Roman Doric Capital & Base

Size	Base Plinth	Base Plinth	Base Molding	Capital Square	Capital Square	Capital Round
	C	D	E	F	G	H
Poly for Cast Fiberglass and Lightweight						
6"	8 1/4"	1 1/2"	1 3/4"	7 1/8"	1 1/8"	5/8"
8"	10 3/8"	1 7/8"	2 7/16"	9 3/4"	1 7/16"	1 1/16"
10"	12 15/16"	2 3/8"	3 1/8"	12 1/2"	1 3/4"	1 9/16"
12"	15 1/4"	2 3/4"	3 1/2"	14 3/4"	2 3/16"	1 1/2"
14"	18 5/8"	3 3/8"	4 1/16"	17 1/2"	2 5/16"	2 1/16"
16"	21 1/2"	3 7/8"	4 7/8"	19 7/8"	2 5/8"	2 1/16"
18"	24 3/8"	4 1/4"	5 3/4"	22 1/4"	3 1/8"	2 1/4"
20"	27"	4 3/4"	6 1/4"	25"	4"	2 3/4"
22"	29 3/4"	5 1/4"	6 3/4"	27 3/8"	4 3/8"	3"
24"	32 1/2"	5 3/4"	7 1/2"	29 3/4"	4 1/2"	3 1/4"

Fibershell for Lightweight

30"	40 1/2"	7 1/4"	9 3/8"	37"	5 7/8"	4 1/2"
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Note: 6"-20" also available in Cast Marble.



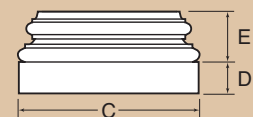
Specifications for Attic Base

Size	Base Plinth	Base Plinth	Base Molding
	C	D	E
Poly for Cast Fiberglass Lightweight			
6"	8 1/2"	1 1/2"	2 7/16"
8"	10 1/4"	1 7/8"	3 1/4"
10"	13"	2 3/8"	3 7/8"
12"	15 1/4"	2 3/4"	4 1/2"
14"	18 5/8"	3 3/8"	5 3/8"
16"	21 1/2"	3 7/8"	6 1/4"
18"	24 1/4"	4 1/4"	7 1/8"
20"	27"	4 3/4"	8 1/8"

Fibershell for Lightweight

22"	29 3/4"	5 1/4"	9"
24"	32 1/2"	5 3/4"	9 5/16"

Note: 6"-20" also available in Cast Marble.



Decor Capitals

decorative capitals

Crown Column offers an infinite selection of specialty items such as decorative capitals, from a composite mold of marble and polyester resin. They can be mounted on either plain or fluted columns for interior or exterior use. These capitals are true to their original inspirations and when combined with today's advanced material technology and construction methods, they form a truly unique product.

For Use With Round Fiberglass

Fiberglass Cast
Size
6"
8"
10"
12"
14"
16"
18"
20"
<i>1. All styles may not be available for all sizes</i>

For Use With Round Fiberglass

Lightweight	
Size	
14"	
16"	
18"	
20"	
22"	
24"	
1. All styles may not be available for all sizes	



Empire



Empire
with Necking



Greek
Angular Ionic



Greek
Erectheum



Greek Erectheum
with Necking



Modern
Composite



Roman
Corinthian



Temple
of Winds



Roman
Ionic



Scamozzi

square fiberglass *Square*



*S*quare fiberglass columns offer an alternative to the more traditional round columns. Crown's plain square fiberglass columns are made from specially formulated glass-reinforced polymers with a one-piece shaft and applied astragal with an attractive capital and base molding. Crown's square fiberglass column is both lightweight and strong, resulting in a column that is easy to handle, water-resistant and impervious to moisture-related problems.

Fluted square fiberglass columns are also available and are produced by the same process as fiberglass round columns with glass-reinforced polymers. The flutes are crisp, deep and architecturally correct. Typical options for any cast fiberglass column include: cutting to overall length, splitting, and tabbing for reassembly.

square fiberglass

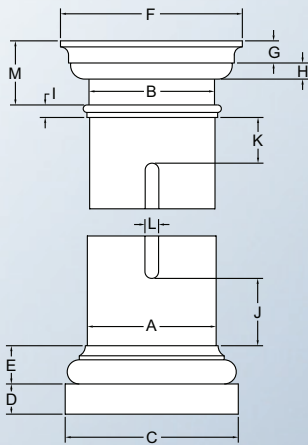
Specifications for Square Fiberglass Columns with Tuscan Capital, Base & Astragal

Size	Bottom Width	Neck Width	Base Plinth	Base Plinth	Base Molding	Square Cap Width	Square Cap Height	Cap Round Height	Astragal	Bottom Flute	Top Flute	Flute Width	Number of Flutes
	A	B	C	D	E	F	G	H	I	J	K	L	M
6"	5 1/2"	5 1/2"	8 1/4"	1 1/2"	1 3/4"	7 5/8"	1 1/8"	5/8"	1"	*	*	*	*
* 8"	7 1/2"	7 1/2"	10 1/4"	1 7/8"	2 3/8"	10 1/4"	1 3/8"	1"	1"	10 3/4"	1"	1 1/16"	24
* 10"	9 1/2"	9 1/2"	12 3/4"	2 3/8"	2 7/8"	12 3/4"	1 3/4"	1 1/4"	1"	10 3/4"	1"	7/8"	24
* 12"	11 1/2"	11 1/2"	15 1/4"	2 7/8"	3 3/8"	15 1/4"	2"	1 3/8"	1"	10 3/4"	1"	1"	24
14"	13 1/4"	13 1/4"	18 3/4"	3 5/16"	4"	17 7/8"	2 3/8"	1 5/8"	1 1/8"	*	*	*	*
16"	15 1/4"	15 1/4"	20 3/16"	3 7/8"	4 1/2"	20 3/8"	2 7/8"	1 7/8"	1 1/4"	*	*	*	*
18"	17 5/8"	17 5/8"	24 1/4"	4 1/4"	5 3/8"	21 1/2"	3"	2"	1 3/8"	*	*	*	*
20"	20"	20"	27"	4 3/4"	6"	24 1/4"	3 3/8"	2 1/4"	1 1/2"	*	*	*	*
24"	24"	24"	32 1/2"	5 3/4"	7 1/2"	30"	4 1/4"	2 3/4"	2 1/2"	*	*	*	*

* 8", 10", 12" Square Plain Columns are also available in a lightweight pultruded material.

* 8", 10", 12" specifications are for both cast and pultruded square columns.

Square Fiberglass Cast & Pultruded



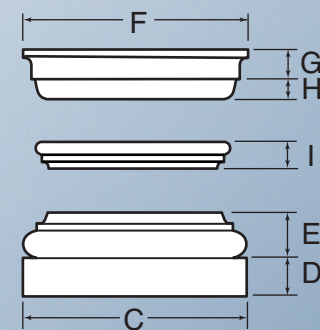
Load Bearing Capacities for Square Columns

Size	Cast and Lightweight	Pultruded Lightweight
6"	8,000	N/A
8"	10,500	5,000
10"	13,990	5,000
12"	18,000	5,000
14"	20,020	N/A
16"	21,945	N/A
18"	25,000	N/A
20"	25,000	N/A
24"	25,000	N/A

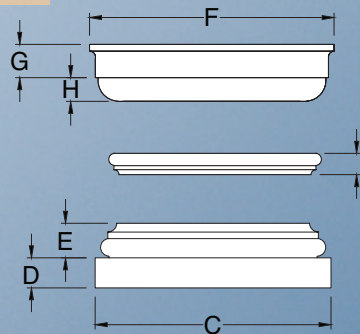
1. Load capacities are determined by eccentric testing information

2. Please consult your structural engineer for wind shear, uplift, and building code requirements

Tuscan Accessory Kit



Builder Sets for Square Columns



Specifications for Builder Accessory Kit

Size	Plinth Width	Plinth Height	Base Mold Height	Square Cap Width	Square Cap Height	Cap Round Height	Astragal
	C	D	E	F	G	H	I
6"	7 7/8"	1 1/4"	1 1/2"	8"	1"	5/8"	1"
8"	9 7/8"	1 1/4"	1 1/2"	10"	1"	1 1/16"	1"
10"	11 7/8"	1 1/4"	1 1/2"	12"	1 1/4"	1 1/16"	1"
12"	13 3/4"	1 1/4"	1 1/2"	14"	1 3/8"	1"	1"

Columns to Surround Structural Supports

Size	Max. Round Plain	Max. Square Plain	Max. Round Fluted	Max. Square Fluted
6"	3 3/4"	3"	*	*
8"	4 1/2"	4"	4 1/2"	*
10"	6"	5 1/2"	6 1/2"	4"
12"	8 1/2"	7"	8"	5"
14"	9 1/2"	8"	10"	9"
16"	12"	9"	12"	11"
18"	14"	12"	*	*
20"	18"	16"	*	*
24"	22"	20"	*	*

1. Split Columns are non-load bearing.

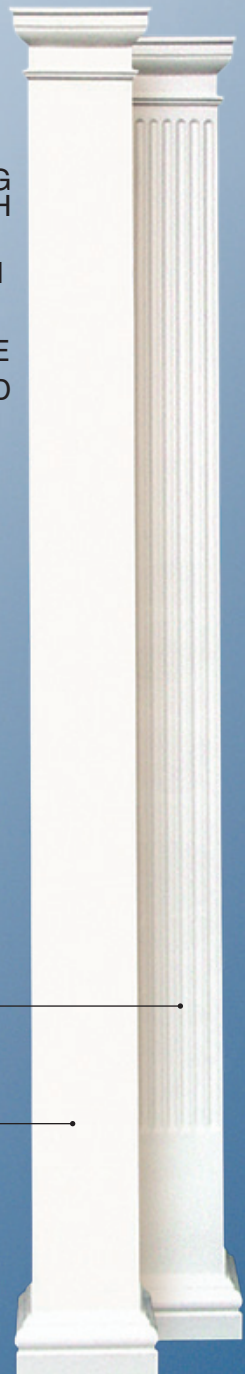
2. Pultruded Square columns cannot be split.

Splitting Options

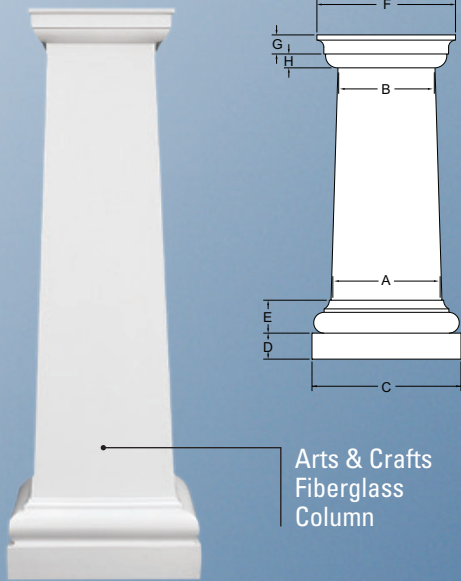


Square Fluted Fiberglass Column

Square Plain Fiberglass Column



Arts & crafts cast fiberglass columns



Arts & Crafts
Fiberglass
Column

Splitting Options



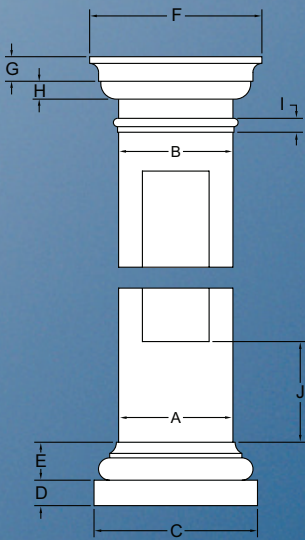
Specifications for Arts & Crafts Columns with Tuscan Capital & Base

Size	Bottom Width	Neck Width	Base Plinth	Base Plinth	Base Molding	Capital Square	Capital Square	Capital Round
	A	B	C	D	E	F	G	H
10"	9 1/2"	7 1/2"	12 3/4"	2 3/8"	2 7/8"	10 1/4"	1 3/8"	1"
16"	15 1/4"	11 1/2"	21 1/2"	3 7/8"	4 1/2"	15 1/4"	2"	1 3/8"

Columns to Surround Structural Supports

Size	Load Capacity	Max. Round Support	Max. Square Support
10"	13,990	5 1/2"	3 3/4"
16"	21,945	9"	7"

Square recessed panel cast fiberglass columns



Specifications for Square Recessed Panel Columns with Tuscan Capital, Base, & Astragal

Size	Bottom Width	Neck Width	Base Plinth	Base Plinth	Base Molding	Capital Square	Capital Square	Capital Round	Astragal	Bottom Plain
	A	B	C	D	E	F	G	H	I	J
8"	7 1/2"	7 1/2"	10 1/4"	1 7/8"	2 3/8"	10 13/16"	1 3/8"	1"	1"	10 3/4"
10"	9 1/2"	9 1/2"	12 3/4"	2 3/8"	2 7/8"	12 15/16"	1 3/4"	1 1/4"	1"	10 3/4"
12"	11 1/2"	11 1/2"	15 1/4"	2 7/8"	3 3/8"	16 3/16"	2"	1 3/8"	1"	10 3/4"
14"	13 1/2"	13 1/2"	18 3/4"	3 3/8"	4"	18 3/4"	2 3/8"	1 5/8"	1"	10 3/4"

Columns to Surround Structural Supports

Size	Load Capacity	Max. Round Support	Max. Square Support
8"	10,500	4"	3"
10"	13,990	6"	5"
12"	18,000	8"	7"
14"	20,020	10"	9"

Splitting Options



Square Recessed
Panel
Column





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