



POLY-CLASSIC® **FRP** *Columns*



- STRONGEST COLUMN AVAILABLE
- LIMITED LIFETIME WARRANTY
- LOW MAINTENANCE
- READY TO PRIME AND PAINT
- WIDE ARRAY OF OPTIONS
- EXTERIOR OR INTERIOR USE
- CAN BE SPLIT FOR REASSEMBLY
- MADE WITH FLAME GUARD™

## TRANSFORMING STRUCTURES WITH POLY-CLASSIC® FRP COLUMNS

Turncraft Poly-Classic® FRP Columns are the product of choice for homeowners and builders who demand beauty, value, and performance. Poly-Classic® FRP Columns are architecturally proportioned from rotocast fiberglass-reinforced polymer — the most advanced construction material in the world — so pound for pound they are stronger than concrete, steel, or aluminum.

### LIMITED LIFETIME WARRANTY

Poly-Classic® FRP Columns are virtually maintenance-free. They are impervious to termite and carpenter ant attack as well as staining and decaying fungi. High-humidity environments have no effect on these non-porous, waterproof columns. All Turncraft Poly-Classic® Columns are covered by a limited lifetime warranty to the original purchaser. Warranty details are available from your distributor or our website—[www.Turncraft.com](http://www.Turncraft.com).

## NOW WITH FLAME GUARD™



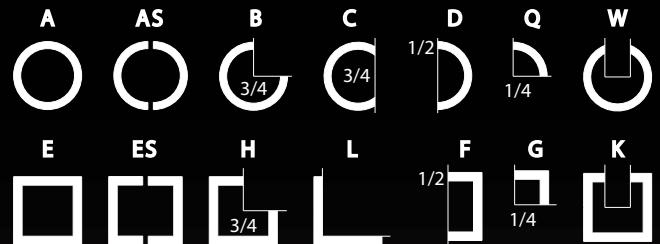
Poly-Classic® FRP Columns were the first fiberglass-reinforced polymer columns to achieve the distinction of passing an industry test (ASTME, 84-01) that measures the flame spread and smoke development of building components in a fire.

| Turncraft Poly-Classic® FRP Columns with Flame Guard set a new industry standard: |                          |                             |
|-----------------------------------------------------------------------------------|--------------------------|-----------------------------|
|                                                                                   | Flame Spread Index (FSI) | Smoke Developed Index (SDI) |
| Industry Standard for FRP Columns                                                 | 70-85                    | 900-1025                    |
| Turncraft Poly-Classic® Columns                                                   | 15*                      | 335**                       |

\*Achieving Class I Flame-Spread classification under 1997 uniform fire code.  
\*\*Well below the allowable SDI index of 450.

### PLAN TYPES

Poly-Classic® FRP Columns are available in the plan types below. Please specify when you order. (Fractional components shown are typical. Customer may specify actual returns, wall thicknesses, etc.)



### TIMESAVER CAP AND BASE

New to the Turncraft product line, our 8" Square TimeSaver Cap and Base employs the same Quick-Fit installation pressure tabs as our round 8", 10", and 12" TimeSaver products. Our TimeSaver cap and base offers the easiest and quickest installation in the industry.

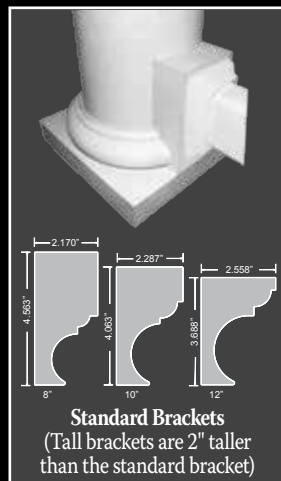


- Made out of fiber-reinforced recycled ABS (acrylonitrile butadiene styrene)
- Designed for use on round FRP columns in 8", 10", and 12" sizes
- Made with 95% recycled material
- Extremely strong and durable
- Self aligning with no fasteners
- Excellent paint adhesion
- Fast installation



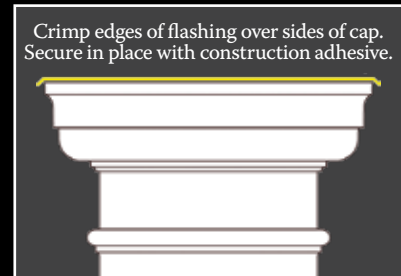
### TIMESAVER RAILING ADAPTER BRACKET

Our TimeSaver railing adapter bracket solves the age old problem of attaching a railing system to the decorative base of a round column. Simply use one of these new brackets to make an attractive attachment to our 8", 10", and 12" round Tuscan bases. Brackets are available in two different heights, allowing them to be used with just about any railing system on the market.



### NEW! COPPER OR ALUMINUM FLASHING

Turncraft is now offering real flashing for our most popular sizes of columns - the 8", 10", and 12" round and square Poly-Classic® FRP columns with Tuscan caps. Flashing is available in either copper or aluminum. Flashing is 3/4" larger than abacus size, to be folded over the edges of the cap, held in place with construction adhesive (not supplied). Flashing for other sizes and styles of caps are available. Call for more information.



### INSTALLATION KITS AVAILABLE

#### INSTALL KIT

For structural FRP columns, the install kit consists of 4 ABS brackets (2 for top of column and 2 for bottom) and fasteners required for standard installation. We recommend 2 kits for columns 16" and up: this will allow the installer to use 4 brackets at the top and bottom of the column. When installed, the cap and base will conceal these brackets and hardware.



#### SPLIT KIT

Each kit contains six nylon locking straps with 1/8" spacers and one quart (1.85 lb.) automotive body filler. For columns over 12 foot in height, two kits will be required per column. Turncraft recommends using an abrasive (Carborundum or similar) or carbide blade to trim the shaft. Split columns are not load bearing.



## ROUND COLUMN SIZES

Round tapered and non-tapered shafts are available fluted and unfluted in a wide range of sizes. Flutes in most 8", 10", and 12" diameter tapered shafts are molded right into the shaft, providing consistent Ionic fluting. All sizes can also be custom-fluted for specific opening heights, and adjusted for the cap and base chosen. When shafts are custom fluted, typically the flutes end 1" from the top of the base.

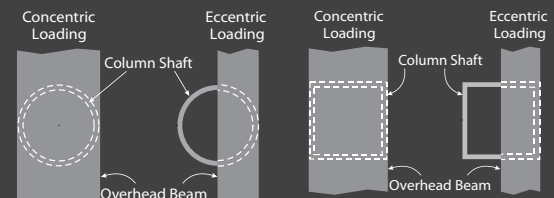
## SQUARE COLUMN SIZES

Square non-tapered shafts are available unfluted, fluted, recessed panel, or with a double raised panel. In addition, custom fluting is available. The astragal is molded into the shaft for consistent spacing and simplified installation.

| Tapered Round FRP Shafts Available Heights and Load Capacities |                                             |    |    |    |     |     |     |     |     |     |     |     |                   |                  |
|----------------------------------------------------------------|---------------------------------------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-------------------|------------------|
| Column Bottom Diameter *                                       | 5'                                          | 6' | 8' | 9' | 10' | 12' | 14' | 16' | 18' | 20' | 22' | 24' | Concentric Load ☆ | Eccentric Load ☆ |
| 6"                                                             | ✓                                           | ✓  | ✓  |    |     |     |     |     |     |     |     |     | 6,000 lb.         | 6,000 lb.        |
| 8"                                                             | ✓                                           | ✓  | ✓  | ✓  | ✓   |     |     |     |     |     |     |     | 10,000 lb.        | 6,600 lb.        |
| 10"                                                            | ✓                                           | ✓  | ✓  | ✓  | ✓   | ✓   |     |     |     |     |     |     | 14,000 lb.        | 10,720 lb.       |
| 12"                                                            | ✓                                           | ✓  | ✓  | ✓  | ✓   | ✓   | ✓   | ✓   |     |     |     |     | 18,000 lb.        | 13,200 lb.       |
| 14"                                                            |                                             |    | ✓  | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |     |     | 20,000 lb.        | 11,520 lb.       |
| 16"                                                            | ✓                                           | ✓  | ✓  | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |     |     | 20,000 lb.        | 13,200 lb.       |
| 18"                                                            |                                             |    | ✓  | ✓  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |     | 20,000 lb.        | 9,040 lb.        |
| 20"                                                            |                                             | ✓  | ✓  |    | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |     |     | 20,000 lb.        | 18,960 lb.       |
| 24"                                                            |                                             |    | ✓  |    | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | 20,000 lb.        | 13,200 lb.       |
| 30"                                                            | Available in DuraGlass. Please see page 25. |    |    |    |     |     |     |     |     |     |     |     | 25,000 lb.        | n/a              |

| Non-Tapered Round Shafts Available Heights and Load Capacities |                                             |     |     |     |     |     |                   |                  |
|----------------------------------------------------------------|---------------------------------------------|-----|-----|-----|-----|-----|-------------------|------------------|
| Column Bottom Diameter *                                       | 8'                                          | 10' | 11' | 12' | 14' | 15' | Concentric Load ☆ | Eccentric Load ☆ |
| 8"                                                             | ✓                                           | ✓   |     |     |     |     | 10,000 lb.        | 8,240 lb.        |
| 10"                                                            | ✓                                           | ✓   |     |     |     |     | 14,000 lb.        | 11,520 lb.       |
| 12"                                                            | ✓                                           | ✓   |     | ✓   |     |     | 18,000 lb.        | 11,520 lb.       |
| 14"                                                            | ✓                                           | ✓   |     | ✓   | ✓   |     | 20,000 lb.        | 18,120 lb.       |
| 16"                                                            | ✓                                           | ✓   |     |     |     |     | 20,000 lb.        | 13,200 lb.       |
| 18"                                                            | ✓                                           | ✓   | ✓   |     |     |     | 20,000 lb.        | 9,040 lb.        |
| 20"                                                            | ✓                                           | ✓   | ✓   |     |     |     | 20,000 lb.        | 18,960 lb.       |
| 24"                                                            | ✓                                           | ✓   |     | ✓   | ✓   | ✓   | 20,000 lb.        | 13,200 lb.       |
| 30"                                                            | Available in DuraGlass. Please see page 25. |     |     |     |     |     | 25,000 lb.        | n/a              |

| Non-Tapered Square Shafts Available Heights and Load Capacities |                                             |     |     |     |     |     |                   |                  |
|-----------------------------------------------------------------|---------------------------------------------|-----|-----|-----|-----|-----|-------------------|------------------|
| Column Bottom Width                                             | 8'                                          | 9'  | 10' | 12' | 14' | 16' | Concentric Load ☆ | Eccentric Load ☆ |
| 6"                                                              | ✓                                           |     | ✓   |     |     |     | 6,000 lb.         | 6,000 lb.        |
| 8"                                                              | ✓♦△                                         | ✓♦△ | ✓♦△ |     |     |     | 10,000 lb.        | 10,000 lb.       |
| 10"                                                             | ✓♦                                          | ✓♦  | ✓♦  | ✓   |     |     | 12,800 lb.        | 12,800 lb.       |
| 12"                                                             | ✓                                           | ✓   | ✓   | ✓   | ✓   | ✓   | 18,000 lb.        | 17,320 lb.       |
| 14"                                                             | ✓                                           | ✓   | ✓   | ✓   | ✓   | ✓   | 20,000 lb.        | 17,320 lb.       |
| 16"                                                             | Available in DuraGlass. Please see page 24. |     |     |     |     |     | 20,000 lb.        | n/a              |



Tapered & Non-tapered Round FRP Column

Square FRP Column

\* Actual shaft width may be smaller than nominal size shown.

☆ Load capacities are reduced when loads are not centered.

Full documentation regarding eccentric load capacities can be found online at [Turncraft.com/pdf/EccentricLoad.pdf](http://Turncraft.com/pdf/EccentricLoad.pdf) and [Turncraft.com/pdf/LoadAddendum.pdf](http://Turncraft.com/pdf/LoadAddendum.pdf).

Please refer to the online documentation regarding maximum eccentricity (beam offset from center) and other specifications.

Non-tapered square 8", 10", and 12" columns are also available in DuraGlass.

All Poly-Classic® FRP Columns are available with custom fluting.

✓ Available unfluted.

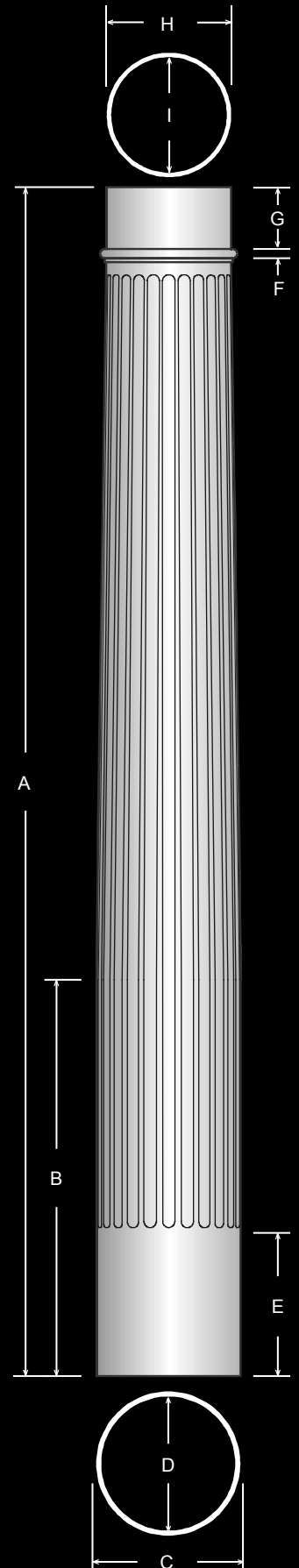
• Available with standard flutes.

△ Available raised panel.

♦ Available with recessed panel.



| Column nominal diameter | Shaft height | Shaft bottom *   |                 | Shaft top *      |                 | Space available inside shaft |                 | Shaft neck    |                 | Flute width (24 each) | Straight portion of shaft (unfluted) | Straight portion of shaft (fluted)                                                                                                                                                                                    | Smooth shaft before flutes |
|-------------------------|--------------|------------------|-----------------|------------------|-----------------|------------------------------|-----------------|---------------|-----------------|-----------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
|                         |              | Outside diameter | Inside diameter | Outside diameter | Inside diameter | For round post               | For square post | Neck height † | Astragal ring ‡ |                       |                                      |                                                                                                                                                                                                                       |                            |
|                         |              | (C)              | (D)             | (H)              | (I)             |                              |                 | (G)           | (F)             |                       | (B)                                  | (B)                                                                                                                                                                                                                   | (E)                        |
| 6"                      | 5'           | 5 1/16"          | 4 3/4"          | 4 13/16"         | 3 3/4"          | 3 3/8"                       | 2 1/2"          | 3"            | 1/2"            | 1/2"                  | 23 1/16"                             | n/a                                                                                                                                                                                                                   | n/a                        |
|                         | 6'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 35 1/16"                             |                                                                                                                                                                                                                       |                            |
|                         | 8'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 59 1/16"                             |                                                                                                                                                                                                                       |                            |
| 8"                      | 5'           | 7 5/8"           | 6 3/4"          | 6 19/32"         | 5 1/2"          | 5 1/8"                       | 3 1/2"          | 4 1/4"        | 1/2"            | 1 1/16"               | 14 1/16"                             | n/a                                                                                                                                                                                                                   | n/a                        |
|                         | 6'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 26 1/16"                             |                                                                                                                                                                                                                       |                            |
|                         | 8'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 50 1/16"                             |                                                                                                                                                                                                                       |                            |
|                         | 9'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 62 1/16"                             |                                                                                                                                                                                                                       |                            |
|                         | 10'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 72 1/16"                             |                                                                                                                                                                                                                       |                            |
| 10"                     | 4'           | 9 1/16"          | 8 3/8"          | 8 3/16"          | 7 3/4"          | 7 3/8"                       | 4 15/16"        | 5 1/8"        | 3/4"            | 7/8"                  | 0                                    | n/a                                                                                                                                                                                                                   | n/a                        |
|                         | 5'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 0                                    |                                                                                                                                                                                                                       |                            |
|                         | 6'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 10 11/16"                            |                                                                                                                                                                                                                       |                            |
|                         | 8'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 34 11/16"                            |                                                                                                                                                                                                                       |                            |
|                         | 9'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 46 11/16"                            |                                                                                                                                                                                                                       |                            |
|                         | 10'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 58 11/16"                            |                                                                                                                                                                                                                       |                            |
|                         | 12'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 82 11/16"                            |                                                                                                                                                                                                                       |                            |
| 12"                     | 5'           | 11 5/8"          | 10 3/4"         | 10 1/16"         | 9 1/4"          | 8 7/8"                       | 6"              | 4 3/4"        | 3/4"            | 1"                    | 0                                    | n/a                                                                                                                                                                                                                   | n/a                        |
|                         | 6'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 8 3/4"                               |                                                                                                                                                                                                                       |                            |
|                         | 8'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 32 3/4"                              |                                                                                                                                                                                                                       |                            |
|                         | 9'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 44 3/4"                              |                                                                                                                                                                                                                       |                            |
|                         | 10'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 56 3/4"                              |                                                                                                                                                                                                                       |                            |
|                         | 12'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 80 3/4"                              |                                                                                                                                                                                                                       |                            |
|                         | 14'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 62"                                  |                                                                                                                                                                                                                       |                            |
|                         | 16'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 86"                                  |                                                                                                                                                                                                                       |                            |
|                         | 8'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 33 1/4"                              |                                                                                                                                                                                                                       |                            |
|                         | 9'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 45 1/4"                              |                                                                                                                                                                                                                       |                            |
| 14"                     | 10'          | 13 1/2"          | 11 1/2"         | 11 1/16"         | 10 1/2"         | 10 1/8"                      | 6 3/8"          | 6 3/4"        | 1"              | 1 1/4"                | 57 1/4"                              | Top Diameter<br>Inside Round                                                                                                                                                                                          |                            |
|                         | 12'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 81 1/4"                              |                                                                                                                                                                                                                       |                            |
|                         | 14'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 57 1/4"                              |                                                                                                                                                                                                                       |                            |
|                         | 16'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 81 1/4"                              |                                                                                                                                                                                                                       |                            |
|                         | 18'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 105 1/4"                             |                                                                                                                                                                                                                       |                            |
|                         | 20'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 129 1/4"                             |                                                                                                                                                                                                                       |                            |
|                         | 5'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 16 1/4"                              |                                                                                                                                                                                                                       |                            |
|                         | 6'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 28 1/4"                              |                                                                                                                                                                                                                       |                            |
|                         | 8'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 18 1/2"                              |                                                                                                                                                                                                                       |                            |
|                         | 9'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 30 1/2"                              |                                                                                                                                                                                                                       |                            |
| 16"                     | 10'          | 15 7/16"         | 13 1/2"         | 13 3/8"          | 12"             | 11 5/8"                      | 7 7/16"         | 7 3/8"        | 1"              | 1 1/16"               | 42 1/2"                              | Top Diameter<br>Inside Square                                                                                                                                                                                         |                            |
|                         | 12'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 66 1/2"                              |                                                                                                                                                                                                                       |                            |
|                         | 14'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 27 1/4"                              |                                                                                                                                                                                                                       |                            |
|                         | 16'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 51 1/4"                              |                                                                                                                                                                                                                       |                            |
|                         | 18'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 75 1/4"                              |                                                                                                                                                                                                                       |                            |
|                         | 20'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 99 1/4"                              |                                                                                                                                                                                                                       |                            |
|                         | 8'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 13 3/8"                              |                                                                                                                                                                                                                       |                            |
|                         | 9'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 25 3/8"                              |                                                                                                                                                                                                                       |                            |
|                         | 10'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 37 3/8"                              |                                                                                                                                                                                                                       |                            |
|                         | 12'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 61 3/8"                              |                                                                                                                                                                                                                       |                            |
| 18"                     | 14'          | 17 3/8"          | 15"             | 14 3/16"         | 12 3/4"         | 12 3/8"                      | 8 3/16"         | 7 7/8"        | 1"              | 1 1/2"                | 85 3/8"                              | The "Space Available Inside Shaft" measurements are calculated at the top inside diameter (with ± 3/8" tolerance), when using Tuscan or Roman Doric caps. Fluted and DuraStone™ columns will have reduced tolerances. |                            |
|                         | 16'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 26 1/8"                              |                                                                                                                                                                                                                       |                            |
|                         | 18'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 50 1/8"                              |                                                                                                                                                                                                                       |                            |
|                         | 20'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 74 1/8"                              |                                                                                                                                                                                                                       |                            |
|                         | 22'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 98 1/8"                              |                                                                                                                                                                                                                       |                            |
|                         | 24'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 122 1/8"                             |                                                                                                                                                                                                                       |                            |
|                         | 6'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 0                                    |                                                                                                                                                                                                                       |                            |
|                         | 8'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 22 1/4"                              |                                                                                                                                                                                                                       |                            |
|                         | 10'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 46 1/4"                              |                                                                                                                                                                                                                       |                            |
|                         | 12'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 70 1/4"                              |                                                                                                                                                                                                                       |                            |
| 20"                     | 14'          | 19 3/8"          | 18"             | 16 1/16"         | 14 7/8"         | 14 1/2"                      | 10"             | 9 3/16"       | 1 3/8"          | 1 1/16"               | 40 3/8"                              |                                                                                                                                                                                                                       |                            |
|                         | 16'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 64 3/8"                              |                                                                                                                                                                                                                       |                            |
|                         | 18'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 88 3/8"                              |                                                                                                                                                                                                                       |                            |
|                         | 20'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 112 3/8"                             |                                                                                                                                                                                                                       |                            |
|                         | 8'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 8"                                   |                                                                                                                                                                                                                       |                            |
|                         | 10'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 32"                                  |                                                                                                                                                                                                                       |                            |
|                         | 12'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 56"                                  |                                                                                                                                                                                                                       |                            |
|                         | 14'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 24 13/16"                            |                                                                                                                                                                                                                       |                            |
|                         | 16'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 48 13/16"                            |                                                                                                                                                                                                                       |                            |
|                         | 18'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 72 13/16"                            |                                                                                                                                                                                                                       |                            |
| 24"                     | 20'          | 23 3/8"          | 22"             | 19 1/16"         | 18"             | 17 5/8"                      | 12 3/16"        | 12"           | 1 5/8"          | 2 1/8"                | 96 13/16"                            |                                                                                                                                                                                                                       |                            |
|                         | 22'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 120 13/16"                           |                                                                                                                                                                                                                       |                            |
|                         | 24'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 144 13/16"                           |                                                                                                                                                                                                                       |                            |
|                         | 8'           |                  |                 |                  |                 |                              |                 |               |                 |                       | 32"                                  |                                                                                                                                                                                                                       |                            |
|                         | 10'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 56"                                  |                                                                                                                                                                                                                       |                            |
|                         | 12'          |                  |                 |                  |                 |                              |                 |               |                 |                       | 80"                                  |                                                                                                                                                                                                                       |                            |



Refer to page 13 for Concentric and Eccentric load capacities.

\* Diameters may vary ± 1/8".

† Neck Height is the distance from the top of the shaft to the top of the astragal ring, ± 1/8".

‡ Astragal ring is only the ring portion, and does not include the fillet and cove.

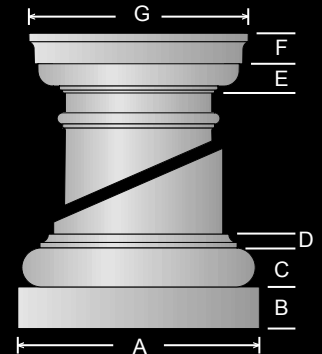
## TUSCAN CAPS AND BASES FOR ROUND TAPERED FRP COLUMNS

**FRP**

All caps, bases, and ornamental capitals are manufactured of low-maintenance materials. Materials for caps and bases will vary based on size and style. Standard Tuscan caps and bases for our 8", 10", and 12" diameter round tapered columns are our new TimeSaver ABS (recycled ABS with fiberglass reinforcement). Since these are molded products, specifications shown are  $\pm 1/8"$ , and subject to change without notice.

| Column diameter | Tuscan Base |        |        |        |              | Tuscan Cap |        |         |              | Materials available † |
|-----------------|-------------|--------|--------|--------|--------------|------------|--------|---------|--------------|-----------------------|
|                 | Plinth      |        | Torus  |        | Total height | Echinus    | Abacus |         | Total height |                       |
|                 | (A)         | (B)    | (C)    | (D)    | (B-D)        |            | (F)    | (G)     | (E-F)        |                       |
| 6"              | 8"          | 1 1/2" | 1 1/4" | 1/2"   | 3 1/4"       | 1"         | 1 1/4" | 7 1/2"  | 2 1/4"       | P, D                  |
| 8"              | 10 7/8"     | 1 7/8" | 1 3/4" | 5/8"   | 4 1/4"       | 1 1/8"     | 1 3/8" | 9 3/4"  | 2 1/2"       | A, F, D, P            |
| 10"             | 13 1/2"     | 2 3/8" | 2 1/2" | 3/4"   | 5 1/4"       | 1 1/2"     | 1 3/4" | 12 1/8" | 3 3/8"       | A, F, D, P            |
| 12"             | 16 1/4"     | 2 3/4" | 2 3/8" | 7/8"   | 6"           | 1 7/8"     | 2"     | 14 3/8" | 3 7/8"       | A, F, D, P            |
| 14"             | 18 3/8"     | 3 1/8" | 3"     | 1"     | 7 3/8"       | 2 1/2"     | 2 1/2" | 17"     | 4 1/2"       | P, D                  |
| 16"             | 21 5/8"     | 3 7/8" | 3 3/8" | 1 1/8" | 8 5/8"       | 2 3/4"     | 2 1/2" | 19 1/8" | 5 1/4"       | P, D                  |
| 18"             | 24"         | 4 3/8" | 4"     | 1 3/8" | 9 3/8"       | 3"         | 2 1/2" | 21 1/2" | 5 1/2"       | P, D                  |
| 20"             | 27"         | 4 3/4" | 4 1/8" | 1 3/4" | 10 1/8"      | 3 1/8"     | 3 1/8" | 24 1/4" | 6 1/8"       | P, D                  |
| 24"             | 32 1/2"     | 5 3/4" | 5 1/4" | 2 1/4" | 13 1/4"      | 3 3/8"     | 4 1/8" | 28 3/4" | 7 1/4"       | P, D                  |

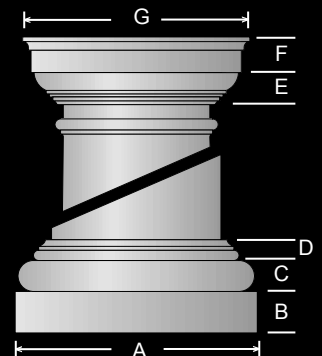
† A-ABS TimeSaver, F-FRP, D-Durastone™, P-Polyurethane cap with FRP base; standard material is underlined



## ROMAN DORIC CAPS AND BASES FOR ROUND TAPERED FRP COLUMNS

| Column diameter | Roman Doric Base † |        |        |        |                  | Roman Doric Cap † |        |           |                    | Total height (E-F) |
|-----------------|--------------------|--------|--------|--------|------------------|-------------------|--------|-----------|--------------------|--------------------|
|                 | Plinth             |        | Torus  |        | Total height B-D | Echinus           | Abacus |           | Total height (E-F) |                    |
|                 | (A)                | (B)    | (C)    | (D)    | (B-D)            |                   | (F)    | (G)       | (E-F)              |                    |
| 6"              | 7 3/32"            | 1 1/2" | 1"     | 3/4"   | 3 1/4"           | 1"                | 1 1/4" | 8"        | 2 1/4"             |                    |
| 8"              | 10 7/8"            | 1 7/8" | 1 1/8" | 15/16" | 4 1/4"           | 1 1/8"            | 1 1/2" | 10 1/4"   | 2 1/2"             |                    |
| 10"             | 13 1/2"            | 2 3/8" | 1 3/4" | 1 1/4" | 5 3/8"           | 1 7/8"            | 1 3/4" | 13"       | 3 3/8"             |                    |
| 12"             | 16 1/8"            | 2 3/4" | 2 1/8" | 1 3/8" | 6 1/8"           | 2 1/8"            | 2 3/8" | 15 1/8"   | 4 1/2"             |                    |
| 14"             | 18 3/4"            | 3 3/8" | 2 3/8" | 1 5/8" | 7 3/8"           | 2 1/2"            | 2 3/4" | 17 13/16" | 5 1/8"             |                    |
| 16"             | 21 1/2"            | 3 7/8" | 2 7/8" | 2"     | 8 3/4"           | 3 3/8"            | 3 1/8" | 20 3/8"   | 6 1/8"             |                    |
| 18"             | 24"                | 4 1/8" | 3 1/8" | 2 3/8" | 9 1/4"           | 3 1/2"            | 3 1/8" | 22 7/8"   | 7 1/8"             |                    |

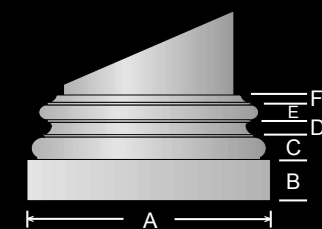
† Bases are FRP, caps are polyurethane. Only the bases are available in DuraStone™-not the caps.



## OPTIONAL ATTIC BASES FOR ROUND FRP COLUMNS

| Column diameter | Attic Base † |      |       |      |      |      |                       |
|-----------------|--------------|------|-------|------|------|------|-----------------------|
|                 | Plinth       |      | Torus |      |      |      | Total height<br>(B-F) |
|                 | (A)          | (B)  | (C)   | (D)  | (E)  | (F)  |                       |
| 6"              | 8"           | 1"   | ¾"    | ¾"   | ½"   | ½"   | 3 ½"                  |
| 8"              | 10 ⅞"        | 1 ⅞" | 1 ⅛"  | ⅞"   | ¾"   | ½"   | 5 ⅛"                  |
| 10"             | 13 ½"        | 2 ⅝" | 1 ¼"  | 1 ⅙" | ⅞"   | ⅝"   | 6 ¼"                  |
| 12"             | 16 ⅙"        | 2 ¾" | 1 ½"  | 1 ⅜" | 1"   | ⅝"   | 7 ¼"                  |
| 14"             | 18 ⅓"        | 3 ⅙" | 1 ¾"  | 1 ⅝" | 1 ¼" | 1 ⅙" | 8 ⅔"                  |
| 16"             | 21 ⅓"        | 3 ¾" | 2 ⅛"  | 1 ⅞" | 1 ½" | 1 ⅙" | 10 ⅛"                 |
| 18"             | 23 ⅚"        | 4 ¼" | 2 ⅙"  | 2 ⅙" | 1 ⅞" | 1 ⅝" | 11 ¼"                 |
| 20"             | 27 ⅙"        | 4 ¾" | 2 ⅙"  | 2 ⅝" | 1 ¾" | 1 ⅞" | 13"                   |
| 24"             | 32 ½"        | 5 ¾" | 3 ⅙"  | 2 ⅚" | 2 ⅙" | 1 ¾" | 15 ¾"                 |

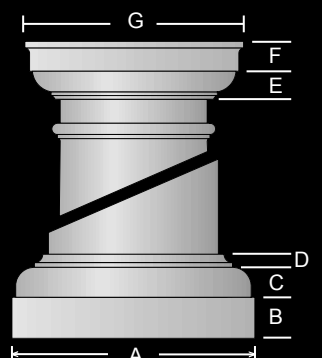
† Attic bases are FRP. Also available in DuraStone™.



## BUILDERS SERIES CAPS AND BASES FOR ROUND TAPERED FRP COLUMNS

| Column diameter | Builders Series Base † |        |        |      |                    | Builders Series Cap † |        |          |                    | Total height (E-F) |
|-----------------|------------------------|--------|--------|------|--------------------|-----------------------|--------|----------|--------------------|--------------------|
|                 | Plinth                 |        | Torus  |      | Total height (B-D) | Echinus               | Abacus |          | Total height (E-F) |                    |
|                 | (A)                    | (B)    | (C)    | (D)  | (B-D)              |                       | (F)    | (G)      | (E-F)              |                    |
| 8"              | 10 7/8"                | 1 7/8" | 1 1/4" | 5/8" | 3 3/4"             | 1 1/4"                | 1 1/4" | 9 7/16"  | 2 1/2"             |                    |
| 10"             | 13 1/2"                | 2 3/8" | 1 3/8" | 3/4" | 4 1/8"             | 1 1/2"                | 1 3/4" | 12 3/16" | 3 3/8"             |                    |
| 12"             | 16 1/4"                | 2 3/4" | 2"     | 7/8" | 5 1/8"             | 1 3/8"                | 2"     | 14 5/8"  | 3 7/8"             |                    |

† Cap and base are polystyrene (with foam core). Not available in DuraStone™.



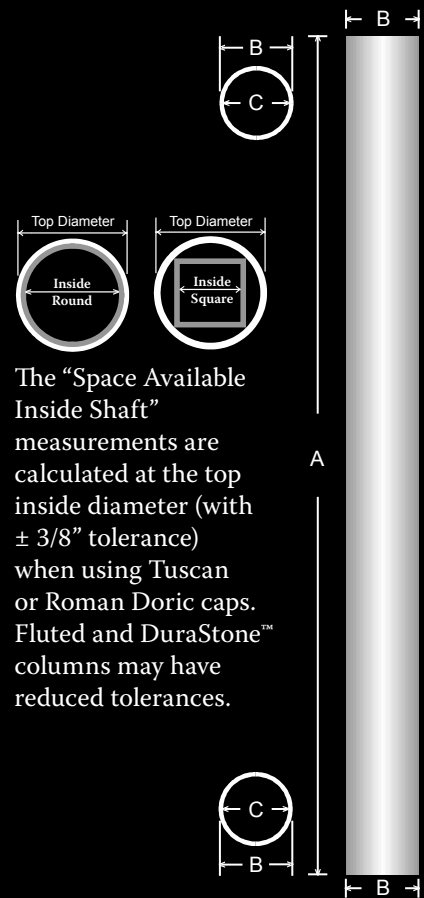
# POLY-CLASSIC® SHAFTS FOR ROUND NON-TAPERED FRP COLUMNS

**FRP**

Standard FRP column shafts are the same height as the listed size. Tuscan caps and bases and Attic bases go around the shaft, and do not affect the overall height. Ornamental capitals are not typically available for non-tapered round shafts.

| Column nominal diameter | Shaft height<br>(A) | Shaft diameters *    |                     | Space available inside shaft |                 | Flute width (24 each) | Concentric Load | Eccentric Load |
|-------------------------|---------------------|----------------------|---------------------|------------------------------|-----------------|-----------------------|-----------------|----------------|
|                         |                     | Outside diameter (B) | Inside diameter (C) | For round post               | For square post |                       |                 |                |
| 8"                      | 8'                  | 7 7/8"               | 6 3/4"              | 6 3/8"                       | 4 1/2"          | 1 1/16"               | 10,000 lb.      | 6,600 lb.      |
|                         | 10'                 |                      |                     |                              |                 |                       |                 |                |
| 10"                     | 8'                  | 9 11/16"             | 8 3/8"              | 8"                           | 5 3/8"          | 7/8"                  | 14,000 lb.      | 10,720 lb.     |
|                         | 10'                 |                      |                     |                              |                 |                       |                 |                |
| 12"                     | 8'                  | 11 3/8"              | 10 3/4"             | 10 3/8"                      | 7 5/16"         | 1"                    | 18,000 lb.      | 13,200 lb.     |
|                         | 10'                 |                      |                     |                              |                 |                       |                 |                |
| 14"                     | 8'                  | 13 1/2"              | 11 1/2"             | 11 1/8"                      | 7 7/8"          | 1 3/16"               | 20,000 lb.      | 11,520 lb.     |
|                         | 10'                 |                      |                     |                              |                 |                       |                 |                |
| 16"                     | 8'                  | 15 1/16"             | 13 1/2"             | 13"                          | 9 3/16"         | 1 1/2"                | 20,000 lb.      | 13,200 lb.     |
|                         | 10'                 |                      |                     |                              |                 |                       |                 |                |
| 18"                     | 8'                  | 17 3/8"              | 15"                 | 14 1/2"                      | 10 1/4"         | 1 11/16"              | 20,000 lb.      | 9,040 lb.      |
|                         | 10'                 |                      |                     |                              |                 |                       |                 |                |
| 20"                     | 8'                  | 19 3/8"              | 18"                 | 16 1/2"                      | 11 5/8"         | 1 7/8"                | 20,000 lb.      | 18,960 lb.     |
|                         | 10'                 |                      |                     |                              |                 |                       |                 |                |
| 24"                     | 8'                  | 23 3/8"              | 21 1/4" (top ID)    | 19 1/2"                      | 13 3/4"         | 2 5/16"               | 20,000 lb.      | 13,200 lb.     |
|                         | 10'                 |                      |                     |                              |                 |                       |                 |                |
|                         | 12'                 |                      |                     |                              |                 |                       |                 |                |
|                         | 14'                 |                      |                     |                              |                 |                       |                 |                |
|                         | 15'                 |                      |                     |                              |                 |                       |                 |                |

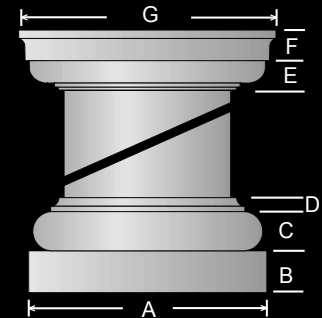
\*Diameters may vary  $\pm 1/8"$ .



## TUSCAN CAPS AND BASES FOR ROUND NON-TAPERED COLUMNS

| Column diameter | Tuscan Base |         |         |        |                    |                       | Tuscan Cap |         |          |                    |                       |
|-----------------|-------------|---------|---------|--------|--------------------|-----------------------|------------|---------|----------|--------------------|-----------------------|
|                 | Plinth      |         | Torus   |        | Total height (B-D) | Materials available † | Echinus    | Abacus  |          | Total height (E-F) | Materials available † |
|                 | (A)         | (B)     | (C)     | (D)    |                    |                       | (E)        | (F)     | (G)      |                    |                       |
| 8"              | 10 7/8"     | 1 7/8"  | 1 3/4"  | 5/8"   | 4 1/4"             | A, F, D               | 1 1/16"    | 1 3/4"  | 12 1/8"  | 3 3/16"            | P, D                  |
| 10"             | 13 1/2"     | 2 3/8"  | 2 1/8"  | 3/4"   | 5 1/4"             | A, F, D               | 1 7/8"     | 2"      | 14 5/8"  | 3 3/8"             | P, D                  |
| 12"             | 16 1/4"     | 2 3/4"  | 2 3/8"  | 7/8"   | 6"                 | A, F, D               | 2 1/2"     | 2 3/16" | 17"      | 4 13/16"           | P, D                  |
| 14"             | 18 3/8"     | 3 1/16" | 3"      | 1"     | 7 3/16"            | E, D                  | 2 3/4"     | 2 1/16" | 19 1/8"  | 5 1/16"            | P, D                  |
| 16"             | 21 1/16"    | 3 3/8"  | 3 3/8"  | 1 1/8" | 8 5/16"            | E, D                  | 3"         | 2 1/16" | 21 1/16" | 5 15/16"           | P, D                  |
| 18"             | 24"         | 4 3/16" | 4"      | 1 3/8" | 9 9/16"            | F, D                  | 3 1/8"     | 3 7/16" | 24 1/4"  | 6 5/16"            | P, D                  |
| 20"             | 27"         | 4 3/4"  | 4 1/16" | 1 3/4" | 10 1/16"           | E, D                  | 3 3/16"    | 4 1/8"  | 28 3/4"  | 7 1/16"            | P, D                  |
| 24"             | 32 1/2"     | 5 3/4"  | 5 1/4"  | 2 1/4" | 13 1/4"            | E, D                  | 3 5/16"    | 4 3/8"  | 32 1/2"  | 7 7/16"            | P, D                  |

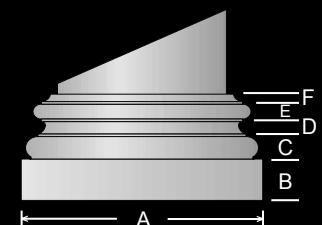
† A-ABS, F-FRP, D-Durastone™, P-Polyurethane; standard material is underlined.



## OPTIONAL ATTIC BASES FOR ROUND FRP COLUMNS

| Column diameter | Attic Base † |         |          |          |         |         |                    |
|-----------------|--------------|---------|----------|----------|---------|---------|--------------------|
|                 | Plinth       |         | Torus    |          |         |         | Total height (B-F) |
|                 | (A)          | (B)     | (C)      | (D)      | (E)     | (F)     |                    |
| 6"              | 8"           | 1"      | 3/4"     | 3/4"     | 1/2"    | 1/2"    | 3 1/2"             |
| 8"              | 10 7/8"      | 1 7/8"  | 1 1/8"   | 7/8"     | 3/4"    | 1/2"    | 5 1/8"             |
| 10"             | 13 1/2"      | 2 3/8"  | 1 1/4"   | 1 1/8"   | 7/8"    | 5/8"    | 6 1/4"             |
| 12"             | 16 1/4"      | 2 3/4"  | 1 1/2"   | 1 3/8"   | 1"      | 5/8"    | 7 1/4"             |
| 14"             | 18 3/8"      | 3 1/16" | 1 3/4"   | 1 3/8"   | 1 1/4"  | 11/16"  | 8 5/8"             |
| 16"             | 21 1/16"     | 3 3/8"  | 2 1/8"   | 1 7/8"   | 1 1/2"  | 13/16"  | 10 1/8"            |
| 18"             | 23 15/16"    | 4 1/4"  | 2 3/16"  | 2 1/8"   | 1 7/16" | 1 1/8"  | 11 1/4"            |
| 20"             | 27 1/16"     | 4 3/4"  | 2 13/16" | 2 3/8"   | 1 3/4"  | 1 7/16" | 13"                |
| 24"             | 32 1/2"      | 5 3/4"  | 3 3/16"  | 2 13/16" | 2 1/8"  | 1 3/4"  | 15 3/4"            |

† Attic bases are FRP. Also available in DuraStone™.



# POLY-CLASSIC® SQUARE SHAFTS FOR NON-TAPERED FRP COLUMNS

FRP

Standard FRP column shafts are the same height as the listed size. Tuscan caps and bases, and the pedestal base go around the shaft, and do not affect the overall height. Ornamental capitals are set on top of the shaft (after the shaft is trimmed to the correct position), and will affect the overall height: see the Ornamental Capitals for Square Columns specifications for more information.

| Column nominal width | Column shaft  |                | Shaft neck    |                 | Flute width 20 each | Space available inside shaft * | Heights available          |
|----------------------|---------------|----------------|---------------|-----------------|---------------------|--------------------------------|----------------------------|
|                      | Outside width | Inside width * | Neck height † | Astragal ring ‡ |                     |                                |                            |
|                      | (B)           | (C)            | (E)           | (D)             |                     |                                |                            |
| 6"                   | 5 7/8"        | 4 3/4"         | 3 3/8"        | 3/4"            | 1/2"                | 4 1/2"                         | 8'                         |
| 8"                   | 7 7/8"        | 5 3/4"         | 4 1/2"        | 3/4"            | 1 1/16"             | 5 1/2"                         | 8', 9', 10'                |
| 10"                  | 9 7/8"        | 8 3/4"         | 5 1/4"        | 3/4"            | 7/8"                | 8 1/2"                         | 8', 9', 10', 12'           |
| 12"                  | 11 7/8"       | 10 3/4"        | 4 1/2"        | 3/4"            | 1"                  | 10 1/2"                        | 8', 9', 10', 12', 14', 16' |
| 14"                  | 13 7/8"       | 12 3/4"        | 7"            | 1"              | 1 1/4"              | 12 1/2"                        | 8', 9', 10', 12', 14', 16' |

| 8" Fluted column (stock) | Bottom of shaft before flutes | Flute length | 8" Raised panel columns | Bottom of shaft before panel | Bottom panel height | Top panel height |
|--------------------------|-------------------------------|--------------|-------------------------|------------------------------|---------------------|------------------|
|                          | (F)                           | (G)          |                         | (H)                          | (I)                 | (J)              |
| 8'                       | 10 15/16"                     | 77 13/16"    | 8'                      | 9 5/8"                       | 22 15/16"           | 45 7/8"          |
| 9'                       | 10 15/16"                     | 89 13/16"    | 9'                      | 9 5/8"                       | 26 15/16"           | 53 7/8"          |
| 10'                      | 22 15/16"                     | 89 13/16"    | 10'                     | 21 3/8"                      | 26 15/16"           | 53 7/8"          |

| Recessed panel columns | Base to panel * | Panel height | Panel to top height | Panel width |
|------------------------|-----------------|--------------|---------------------|-------------|
|                        | (K)             | (L)          | (M)                 | (N)         |
| 8" x 8'                | 11 3/8"         | 76 3/4"      | 7 5/8"              | 4 7/8"      |
| 8" x 9'                | 11 3/8"         | 88 3/4"      | 7 5/8"              | 4 7/8"      |
| 8" x 10'               | 11 3/8"         | 100 3/4"     | 7 5/8"              | 4 7/8"      |
| 10" x 8'               | 14 1/2"         | 73 15/16"    | 8 3/16"             | 6 7/8"      |
| 10" x 9'               | 14 1/2"         | 85 15/16"    | 8 3/16"             | 6 7/8"      |
| 10" x 10'              | 14 1/2"         | 97 15/16"    | 8 3/16"             | 6 7/8"      |

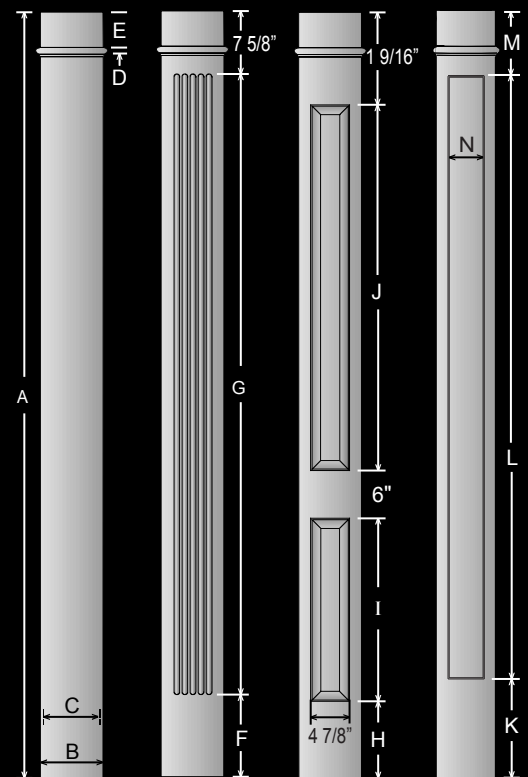
The "Space Available Inside Shaft" measurements are calculated at the top inside diameter (with  $\pm 1/4"$  tolerance). Inside widths may vary. Ornamental capitals will reduce the inside widths.

\* For 8" size, stock fluted shaft value is shown. Paneled and plain shafts are typically 1/2" to 1" greater.

† Neck Height is the distance from the top of the shaft to the top of the astragal ring ( $\pm 1/8"$ ).

‡ Astragal ring is only the ring portion, and does not include the fillet and cove.

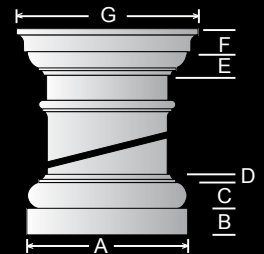
Refer to page 13 for Concentric and Eccentric load capacities.



## TUSCAN CAPS AND BASES FOR SQUARE NON-TAPERED FRP COLUMNS

| Column width | Tuscan Base † |        |          |         |                    | Tuscan Cap † |         |           |                    |
|--------------|---------------|--------|----------|---------|--------------------|--------------|---------|-----------|--------------------|
|              | Plinth        |        | Torus    |         | Total height (B-D) | Echinus (E)  | Abacus  |           | Total height (E-F) |
|              | (A)           | (B)    | (C)      | (D)     |                    |              | (F)     | (G)       |                    |
| 6"           | 8"            | 1 1/2" | 1 1/4"   | 1/2"    | 3 1/4"             | 1"           | 1 1/16" | 8 7/16"   | 2 1/16"            |
| 8"           | 11 3/8"       | 1 7/8" | 1 3/4"   | 5/8"    | 4 1/2"             | 1 1/16"      | 1 7/16" | 11 1/4"   | 2 3/4"             |
| 10"          | 13 1/2"       | 2 3/8" | 2 1/8"   | 3/4"    | 5 1/4"             | 1 1/16"      | 1 3/4"  | 13 1/4"   | 3 1/16"            |
| 12"          | 17"           | 2 3/4" | 2 3/8"   | 7/8"    | 6"                 | 1 7/8"       | 2"      | 17 1/4"   | 3 7/8"             |
| 14"          | 18 15/16"     | 3 3/8" | 2 15/16" | 1 1/16" | 7 3/8"             | 2 1/2"       | 2 3/16" | 18 15/16" | 4 15/16"           |

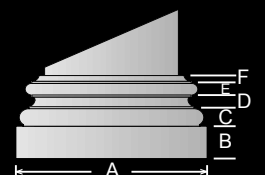
† 14" bases are FRP, other cap and base are polyurethane. Also available in DuraStone™.



## OPTIONAL ATTIC BASES FOR SQUARE FRP COLUMNS

| Column width | Attic Base † |      |       |      |      |        |              |
|--------------|--------------|------|-------|------|------|--------|--------------|
|              | Plinth       |      | Torus |      |      |        | Total height |
|              | (A)          | (B)  | (C)   | (D)  | (E)  | (F)    |              |
| 6"           | 8"           | 1"   | ¾"    | ¾"   | ½"   | ½"     | 3 ½"         |
| 8"           | 10 ⅞"        | 1 ⅞" | 1 ⅙"  | ⅞"   | ¾"   | ½"     | 5 ⅙"         |
| 10"          | 13 ½"        | 2 ⅜" | 1 ¼"  | 1 ⅙" | ⅞"   | ⅝"     | 6 ¼"         |
| 12"          | 17"          | 2 ¾" | 1 ½"  | 1 ⅜" | 1"   | ⅝"     | 7 ¼"         |
| 14"          | 18 ½"        | 3 ⅝" | 1 ¾"  | 1 ⅜" | 1 ¼" | 11⁄16" | 8 ⅝"         |

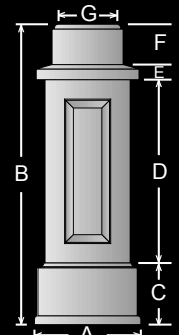
† Attic bases are FRP. Also available in DuraStone™.



## PEDESTAL BASE FOR SQUARE NON-TAPERED FRP COLUMNS

| Column width | Pedestal Base † |              |          |         |          |          |           |
|--------------|-----------------|--------------|----------|---------|----------|----------|-----------|
|              | Bottom width    | Total height | Bottom   | Center  | Platform | Top      | Top width |
|              | (A)             | (B)          | (C)      | (D)     | (E)      | (F)      | (G)       |
| 8"           | 15"             | 42 3/8"      | 8 15/16" | 25 7/8" | 2 1/8"   | 5 15/16" | 8 1/4"    |

† Pedestal bases are FRP. Also available in DuraStone™. Use with Tuscan cap (above) or Ornamental Capitals.





# CAPITALS FOR FRP ROUND TAPERED COLUMNS



Our standard round capitals install on top of the column and are set on the fillet or the neckring. All of these capitals are structural and will meet the columns' stated load capacities when properly installed.



Empire



Empire with Necking



Greek Angular Ionic



Greek Eretheum



Greek Eretheum with Necking



Modern Composite



Roman Corinthian



Roman Doric Ornamental



Roman Ionic



Scamozzi

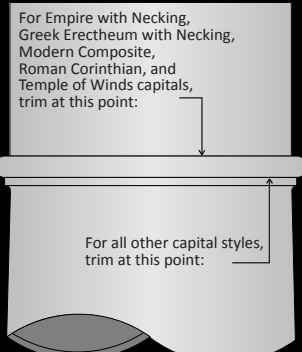


Temple of Winds

| Shaft nominal bottom diameter | Empire         |              |              |                 | Empire with Necking |              |              |                 | Greek Angular Ionic |              |              |                 | Greek Eretheum |              |              |                 |
|-------------------------------|----------------|--------------|--------------|-----------------|---------------------|--------------|--------------|-----------------|---------------------|--------------|--------------|-----------------|----------------|--------------|--------------|-----------------|
|                               | Capital height | Abacus width | Scroll width | Height adjust * | Capital height      | Abacus width | Scroll width | Height adjust * | Capital height      | Abacus width | Scroll width | Height adjust * | Capital height | Abacus width | Scroll width | Height adjust * |
| 6"                            | 3 1/8"         | 9"           | 8 3/4"       | -1"             | 6 7/8"              | 9"           | 8 3/4"       | +3 1/4"         | 3 5/8"              | 9 1/4"       | 9"           | -1/2"           | 3 1/4"         | 6 3/4"       | 8 1/2"       | -7/8"           |
| 8"                            | 3 3/4"         | 10"          | 9"           | -1"             | 7 3/4"              | 10"          | 9"           | +3 1/2"         | 3 3/4"              | 9 1/2"       | 9"           | -1"             | 3 3/4"         | 7 3/4"       | 11 3/4"      | -1"             |
| 10"                           | 5 1/2"         | 16"          | 13 1/2"      | -3/8"           | 10"                 | 13 1/2"      | 12 1/4"      | +4 7/8"         | 5 3/8"              | 14 1/4"      | 13 1/4"      | -1/2"           | 5 1/2"         | 12"          | 17 1/2"      | -3/8"           |
| 12"                           | 6 1/4"         | 18"          | 17"          | +3/4"           | 11"                 | 18"          | 17"          | +6 1/4"         | 6"                  | 17 1/4"      | 17"          | +1/2"           | 6 1/4"         | 14 1/2"      | 21"          | +3/4"           |
| 14"                           | 7 1/4"         | 20 1/4"      | 19 1/2"      | -3/4"           | 14 1/2"             | 20 1/2"      | 19 1/2"      | +7 1/2"         | 7 1/4"              | 20 3/4"      | 19 1/4"      | -3/4"           | 7"             | 15"          | 21"          | -1"             |
| 16"                           | 8 3/4"         | 23"          | 19 1/2"      | +5/8"           | 17"                 | 23"          | 19 1/2"      | +9 7/8"         | 8 3/8"              | 20 1/2"      | 19 1/2"      | +1/4"           | 9"             | 17 1/2"      | 26"          | +7/8"           |
| 18"                           | 10"            | 32"          | 26 1/4"      | +3/4"           | 15"                 | 32"          | 26 1/4"      | +6 3/4"         | 9 3/4"              | 24 1/4"      | 19 3/4"      | +1/2"           | 10 1/2"        | 22"          | 29"          | +1 1/4"         |
| 20"                           | 11 1/4"        | 34"          | 28"          | +1 1/8"         | 17 1/4"             | 34"          | 28"          | +8 1/2"         | 11"                 | 29 3/4"      | 28"          | +7/8"           | 11"            | 26"          | 36"          | +7/8"           |
| 24"                           | 12 3/4"        | 35 1/2"      | 35"          | -1 1/8"         | 19"                 | 35 1/2"      | 35"          | +6 3/4"         | 12 3/4"             | 35"          | 34 1/2"      | -1 1/8"         | 13"            | 30 1/2"      | 43"          | -7/8"           |
| 30"                           | n/a            |              |              |                 | n/a                 |              |              |                 | n/a                 |              |              |                 | 15"            | 31"          | 45 1/2"      |                 |

| Shaft nominal bottom diameter | Greek Eretheum with Necking |              |              |                 | Modern Composite |              |                 | Roman Corinthian |              |                 | Roman Doric Ornamental |              |              |                 |
|-------------------------------|-----------------------------|--------------|--------------|-----------------|------------------|--------------|-----------------|------------------|--------------|-----------------|------------------------|--------------|--------------|-----------------|
|                               | Capital Height              | Abacus width | Scroll width | Height adjust * | Capital height   | Abacus width | Height adjust * | Capital height   | Abacus width | Height adjust * | Capital height         | Abacus width | Scroll width | Height adjust * |
| 6"                            | 5 3/4"                      | 7 3/4"       | 11 3/4"      | +2 1/8"         | 7"               | 8"           | +3 3/8"         | 7"               | 9 1/2"       | +3 3/8"         | 4"                     | 8 3/4"       | n/a          | +1/8"           |
| 8"                            | 7 1/2"                      | 10 1/2"      | 15"          | +3 1/4"         | 8 1/2"           | 10 3/4"      | +4 1/4"         | 10 1/4"          | 12 3/4"      | +6"             | 6"                     | 13 1/8"      | n/a          | +1 1/4"         |
| 10"                           | 8 1/2"                      | 12"          | 17 1/4"      | +3 3/8"         | 12 1/4"          | 16 1/2"      | +7 7/8"         | 13 7/8"          | 17 1/4"      | +8 3/4"         | 7"                     | 16 1/4"      | n/a          | +1 1/8"         |
| 12"                           | 9 1/2"                      | 14 1/2"      | 21"          | +4 3/4"         | 14 1/2"          | 19"          | +9 3/4"         | 15 1/2"          | 18 1/2"      | +10 1/4"        | 7"                     | 16 1/4"      | n/a          | +1 1/2"         |
| 14"                           | 11 1/4"                     | 15"          | 21"          | +4 1/4"         | 17"              | 20"          | +10"            | 17"              | 22"          | +10"            | 9"                     | 21"          | n/a          | +1 1/4"         |
| 16"                           | 13 1/2"                     | 17 1/2"      | 26"          | +6 3/8"         | n/a              |              |                 | 20"              | 27"          | +12 7/8"        | 10 1/2"                | 24"          | n/a          | +2 1/8"         |
| 18"                           | 15"                         | 22 1/2"      | 29"          | +6 3/4"         | 22 1/2"          | 25"          | +14 1/4"        | 23"              | 32 1/2"      | +14 3/4"        | 12 1/2"                | 28"          | n/a          | +3 3/8"         |
| 20"                           | 17"                         | 26"          | 36"          | +8 1/4"         | 22 1/2"          | 25"          | +13 3/4"        | 25 1/2"          | 39"          | +16 3/4"        | 12 1/2"                | 28"          | 24"          | +2 3/8"         |
| 24"                           | 19"                         | 30 1/2"      | 43"          | +6 3/4"         | n/a              |              |                 | 28 1/2"          | 42"          | +16 1/4"        | n/a                    |              |              |                 |
| 30"                           | 24 3/4"                     | 31"          | 45 1/2"      |                 | n/a              |              |                 | 37 1/2"          | 46 1/2"      | n/a             | n/a                    |              |              |                 |

| Shaft nominal bottom diameter | Roman Ionic    |              |              |                 | Scamozzi       |              |              |                 | Temple of Winds |              |                 |
|-------------------------------|----------------|--------------|--------------|-----------------|----------------|--------------|--------------|-----------------|-----------------|--------------|-----------------|
|                               | Capital height | Abacus width | Scroll width | Height adjust * | Capital height | Abacus width | Scroll width | Height adjust * | Capital height  | Abacus width | Height adjust * |
| 6"                            | 2 1/4"         | 6 1/8"       | 8 1/16"      | -1 7/8"         | 2 5/8"         | 7 3/4"       | 6 1/4"       | -1 1/2"         | 7"              | 8"           | +3 3/8"         |
| 8"                            | 3"             | 8 1/4"       | 10 1/2"      | -1 3/4"         | 3"             | 10 1/4"      | 9"           | -1 1/4"         | 8"              | 12"          | +3 3/4"         |
| 10"                           | 3 3/8"         | 11"          | 13 3/8"      | -2 1/4"         | 3 3/8"         | 14 1/2"      | 12 1/2"      | -2"             | 11 1/8"         | 15 1/4"      | +6"             |
| 12"                           | 4 1/2"         | 12 1/2"      | 16 1/2"      | -1"             | 4 7/8"         | 16 3/4"      | 14"          | -5/8"           | 13 3/4"         | 17"          | +9"             |
| 14"                           | 5 1/2"         | 17 1/2"      | 23"          | -2 1/2"         | 5 1/2"         | 19"          | 16 3/4"      | -2 1/2"         | 14"             | 21 1/4"      | +7"             |
| 16"                           | 6 1/8"         | 17 1/2"      | 22"          | -2"             | 6 1/4"         | 22 1/4"      | 18 1/2"      | -1 3/8"         | 16"             | 23"          | +8 7/8"         |
| 18"                           | 6 1/2"         | 20"          | 24 1/4"      | -2 3/4"         | 7"             | 23 1/2"      | 23"          | -2 1/4"         | 18 1/8"         | 26 3/4"      | +9 7/8"         |
| 20"                           | 8 3/4"         | 25"          | 31 3/4"      | -1 3/8"         | 8 3/4"         | 26"          | 21 1/2"      | -1 3/8"         | 21 1/4"         | 28"          | +12 1/2"        |
| 24"                           | 9"             | 25 1/4"      | 33"          | -4 7/8"         | 10 1/4"        | 34 1/4"      | 29 1/2"      | -3 3/8"         | 23 1/4"         | 34 1/4"      | +11"            |
| 30"                           | 12 1/2"        | 32"          | 40 1/2"      |                 | 12 3/4"        | 39"          | 33"          |                 | 30"             | 39"          | n/a             |



Note: All Capitals are Poly/Resin.

\* Height Adjust is based on trimming the shaft at the architecturally correct location.

Our Poly-Classic® FRP Quick-Fit Capitals are designed for simple installation. These capitals will slide right over the top of the shaft and will sit on the neckring.



Greek Erectheum



Roman Ionic



Roman Corinthian



Scamozzi

| Shaft nominal bottom diameter | Greek Erectheum |              |              |                 | Roman Ionic    |              |              |                 |
|-------------------------------|-----------------|--------------|--------------|-----------------|----------------|--------------|--------------|-----------------|
|                               | Capital height  | Abacus width | Scroll width | Height adjust * | Capital height | Abacus width | Scroll width | Height adjust * |
| 6"                            | 3 1/4"          | 6 1/16"      | 8 3/8"       | +3/8"           | 2 3/16"        | 6"           | 8"           | -1 1/16"        |

\* Height Adjust is based on trimming the shaft at the architecturally correct location.

| Shaft nominal bottom diameter | Roman Corinthian |              |              |                 | Scamozzi       |              |              |                 |
|-------------------------------|------------------|--------------|--------------|-----------------|----------------|--------------|--------------|-----------------|
|                               | Capital height   | Abacus width | Scroll width | Height adjust * | Capital height | Abacus width | Scroll width | Height adjust * |
| 6"                            | 8 1/16"          | 11"          | n/a          | +5 1/16"        | 2 3/8"         | 8 3/8"       | 8 1/2"       | -7/16"          |
| 8"                            | 11 3/16"         | 14 3/16"     | n/a          | +7 1/16"        | 3"             | 11"          | 10 13/16"    | -1 1/8"         |
| 10"                           | 14 3/16"         | 18 3/8"      | n/a          | +9 1/16"        | 4 1/8"         | 14 1/2"      | 14 3/8"      | -7/8"           |
| 12"                           | 17"              | 21 3/4"      | n/a          | +12 1/4"        | 4 13/16"       | 17"          | 16 3/8"      | +1/16"          |

## ORNAMENTAL CAPS FOR SQUARE NON-TAPERED FRP COLUMNS

Square Capitals install on top of the column and are set on the fillet or the neckring. All of these capitals are structural and will meet the columns' stated load capacities when properly installed.



Empire



Empire with Necking



Greek Angular Ionic



Greek Erectheum



Greek Erectheum with Necking



Modern Composite



Roman Corinthian



Roman Doric Ornamental



Roman Ionic



Scamozzi



Temple of Winds

| Shaft nominal bottom diameter | Empire         |              |              |                | Empire with Necking |              |              |                | Greek Angular Ionic |              |              |                | Greek Erectheum |              |              |                | Greek Erectheum with Necking |              |              |                |
|-------------------------------|----------------|--------------|--------------|----------------|---------------------|--------------|--------------|----------------|---------------------|--------------|--------------|----------------|-----------------|--------------|--------------|----------------|------------------------------|--------------|--------------|----------------|
|                               | Capital height | Abacus width | Scroll width | Height adjust* | Capital height      | Abacus width | Scroll width | Height adjust* | Capital height      | Abacus width | Scroll width | Height adjust* | Capital height  | Abacus width | Scroll width | Height adjust* | Capital height               | Abacus width | Scroll width | Height adjust* |
| 6"                            |                | n/a          |              |                | 7 3/4"              | 10"          | 9"           | +4 1/8"        |                     | n/a          |              |                | 3 3/4"          | 7 3/4"       | 11 3/4"      | -1/8"          | 5 3/4"                       | 7 3/4"       | 11 3/4"      | +2 1/8"        |
| 8"                            | 5 1/4"         | 13 1/2"      | 12 1/4"      | +1/8"          | 10"                 | 13 1/2"      | 12 1/4"      | +5 1/2"        | 5 1/8"              | 14 1/4"      | 13 3/4"      | 0"             | 5 1/4"          | 10 1/2"      | 15"          | +1/8"          | 7 1/2"                       | 10 1/2"      | 15"          | +3"            |
| 10"                           | 6 1/4"         | 18"          | 17"          | +3/8"          | 11"                 | 18"          | 17"          | +5 13/16"      | 6"                  | 17 3/4"      | 17"          | +1/8"          | 6 1/4"          | 14 1/2"      | 21"          | +3/8"          | 9 1/2"                       | 14 1/2"      | 21"          | +4 1/16"       |
| 12"                           | 7 1/4"         | 20 1/4"      | 19 1/2"      | +1"            | 14 1/4"             | 20 1/2"      | 19 1/2"      | +9 3/4"        | 7 1/4"              | 20 3/4"      | 19 1/4"      | +1"            | 7"              | 15"          | 21"          | +2 1/2"        | 11 1/4"                      | 15"          | 21"          | +6 3/4"        |
| 14"                           | 8 3/4"         | 23"          | 19 1/2"      | +1 1/16"       | 17"                 | 23"          | 19 1/2"      | +10"           | 8 3/8"              | 20 1/2"      | 19 1/2"      | +5/16"         | 9"              | 17 1/2"      | 26"          | +15/16"        | 13 1/2"                      | 17 1/2"      | 26"          | +6 1/2"        |

| Shaft nominal bottom diameter | Modern Composite |              |                | Roman Corinthian |              |                | Roman Doric Ornamental |              |                | Roman Ionic    |              |              |                | Scamozzi       |              |              |                | Temple of Winds |              |                |
|-------------------------------|------------------|--------------|----------------|------------------|--------------|----------------|------------------------|--------------|----------------|----------------|--------------|--------------|----------------|----------------|--------------|--------------|----------------|-----------------|--------------|----------------|
|                               | Capital height   | Abacus width | Height adjust* | Capital height   | Abacus width | Height adjust* | Capital height         | Abacus width | Height adjust* | Capital height | Abacus width | Scroll width | Height adjust* | Capital height | Abacus width | Scroll width | Height adjust* | Capital height  | Abacus width | Height adjust* |
| 6"                            | 8 1/2"           | 10 3/4"      | +4 7/8"        | 8 1/2"           | 12"          | +4 7/8"        | 4 1/2"                 | 10 1/2"      | +5/8"          | 3"             | 8 1/4"       | 10 1/2"      | -7/8"          | 3"             | 10 1/4"      | 9"           | -7/8"          | 7 1/2"          | 10 1/2"      | +3 7/8"        |
| 8"                            | 11 1/2"          | 16 1/2"      | +7"            | 11 1/2"          | 15"          | +7"            | 6"                     | 14 1/4"      | +7/8"          | 3 3/8"         | 10 1/2"      | 13 1/2"      | -1 1/2"        | 3 3/8"         | 14 1/2"      | 12 1/2"      | -1 1/4"        | 10"             | 13 3/8"      | +5 1/2"        |
| 10"                           | 14 1/2"          | 19"          | +9 7/16"       | 14 1/2"          | 18 1/2"      | +9 7/16"       | n/a                    |              |                | 4 1/2"         | 12 1/2"      | 16 1/2"      | -1 3/8"        | 4 7/8"         | 16 3/4"      | 14"          | -1"            | 11 3/8"         | 16 7/8"      | +6 1/16"       |
| 12"                           | 17"              | 20"          | +12 1/2"       | 17"              | 22"          | +12 1/2"       | 9"                     | 21"          | +2 3/4"        | 5 1/2"         | 17 1/2"      | 23"          | -3/4"          | 5 1/2"         | 19"          | 19 3/4"      | -3/4"          | 14"             | 21 1/4"      | +9 1/2"        |
| 14"                           | 22 1/2"          | 25"          | +15 1/2"       | 20"              | 27"          | +13"           | 10 1/2"                | 24"          | +2 3/16"       | n/a            |              |              |                | 6 1/4"         | 22 1/4"      | 18 1/2"      | -1 13/16"      | 16"             | 23"          | +9"            |

\* Height Adjust is based on trimming the shaft at the architecturally correct location.