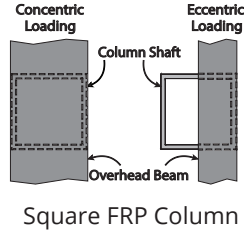


Non-Tapered Square Shafts Available Heights and Load Capacities								
Column Bottom Width	8'	9'	10'	12'	14'	16'	Concentric Load *	Eccentric Load *
6"	√		√				6,000 lb.	6,000 lb.
8"	√ $\Delta$ $\diamond$	√ $\Delta$	√ $\Delta$ $\diamond$				10,000 lb.	10,000 lb.
10"	√ $\diamond$	√ $\diamond$	√ $\diamond$	√			12,800 lb.	12,800 lb.
12"	√	√	√	√	√	√	18,000 lb.	17,320 lb.
14"	√	√	√	√	√	√	20,000 lb.	17,320 lb.



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

- Available with standard flutes.
- $\Delta$  Available raised panel.
- $\diamond$  Available with recessed panel.

## 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.)



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

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

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

\* 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

