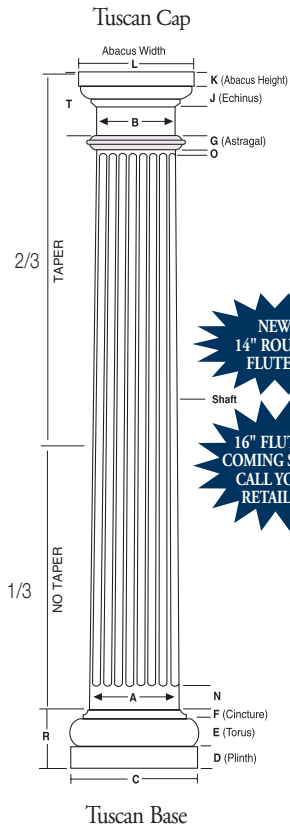


# Round PERMACast® Columns



**NEW  
14" ROUND  
FLUTED**

**16" FLUTED  
COMING SOON  
CALL YOUR  
RETAILER**

## ROUND PERMACAST® COLUMN DIMENSIONS (IN INCHES)\*

COL. SIZE	A	B	C	D	E	F	G	J	K	L	O	N	R	T	LENGTH AVAIL
6"	5 5/8"	4 3/8"	9"	1 1/16"	1 1/16"	3/16"	3/4"	1 1/4"	1 3/8"	8"	NA	NA	3 15/16"	4 7/16"	6,8
8"	7 7/8"	6 1/4"	10 1/2"	1 7/8"	1 1/4"	3/4"	3/4"	1 1/4"	1 1/2"	9 1/4"	1/2"	2 1/4"	4 3/8"	4 1/2"	6,8,9,10
10"	9 5/8"	8 3/8"	13 3/8"	2 3/8"	2 1/8"	3/4"	3/4"	1 1/4"	1 3/4"	11 1/4"	5/8"	2 1/4"	5 1/4"	5"	8, 9,10,12
12"	11 3/8"	9 3/8"	16 1/2"	2 7/8"	2 3/8"	7/8"	1 1/16"	1 1/4"	2 1/4"	13 3/4"	3/4"	2 5/8"	6 1/8"	5 3/4"	6, 8, 9, 10, 12, 14,16, 18
14"	13 3/8"	11 3/8"	19 1/2"	3 3/8"	3 1/8"	1 1/8"	7/8"	2"	2 7/8"	17"	7/8"	2 5/8"	7 5/8"	7"	8, 9, 10, 12, 14, 16, 18
16"	15 3/4"	13 3/8"	22 1/2"	4"	3 1/2"	1 1/8"	1"	2 1/4"	3"	19 3/4"	1"	3"	8 5/8"	8"	8,10,12,14,16, 18, 20
18"	17 1/2"	15 5/8"	24 3/4"	4"	4"	1 5/8"	1 1/8"	2 3/4"	3 3/8"	22 3/8"	NA	NA	9 5/8"	8 7/8"	10,12,14,16,18, 20,22,24,26
20"	19 1/2"	17 3/16"	27"	4 3/4"	4 1/2"	2"	1 1/16"	2 7/8"	3 3/8"	24 15/16"	NA	NA	11 1/4"	9"	18,20,22,24
22"	21 3/8"	19 1/4"	30 1/4"	5 3/8"	4 7/8"	2"	1 7/8"	3"	3 3/4"	27 1/2"	NA	NA	12 1/4"	10 1/4"	16,18,20,22, 24,26
24"	23 3/8"	21 1/4"	33 1/2"	5 7/8"	5 1/4"	2 1/16"	2 3/16"	3 1/2"	4 1/16"	30 3/2"	NA	NA	13 3/16"	11 1/16"	14, 16, 18, 20, 22, 24, 26, 28, 30
30"	29 3/8"	26 1/2"	41 1/8"	6 1/2"	5 7/8"	2 1/2"	3 3/16"	4"	4 7/8"	38 3/4"	NA	NA	14 7/8"	14 7/8"	20,22,24,26, 28,30

\*There may be a variance of up to 1/4" in all dimensions. Fluted columns available in 8", 10", 12", 14" and 16" diameters only (Call for lengths and availability). Plain ROUND PermaCast® columns can be trimmed at least 24" with the following exceptions 6x6-8", 14x9-12", 16x8-16", 18x10-6" Custom sizes available, contact the HB&G architectural department.

### ROUND & SQUARE PERMACAST® LOAD BEARING SPECIFICATIONS

Split columns are not load bearing

COLUMN DIAMETER	STRUCTURAL LOAD
6"	8,000 lbs. Max
8"	10,000 lbs. Max
10"	14,000 lbs. Max
12"	18,000 lbs. Max
14"	20,000 lbs. Max
16"	20,000 lbs. Max
18"	20,000 lbs. Max
20"	20,000 lbs. Max
22"	20,000 lbs. Max
24"	20,000 lbs. Max
30"	20,000 lbs. Max

### ROUND PERMACAST® INSIDE DIMENSIONS

Inside diameter may vary up to 1/8".

Splitting a column will decrease inside dimension 1/8".

COLUMN SIZE	TOP I.D.	BOT I.D.
6"	3 7/8"	4 7/8"
8"	5 1/2"	6 7/8"
10"	7 3/8"	8 7/8"
12"	8 5/8"	10 7/8"
14"	10 7/8"	12 7/8"
16"	12 7/8"	15"
18"	14 3/8"	16 3/8"
20"	16 3/8"	19"
22"	18 1/4"	20 5/8"
24"	20 1/4"	22 3/8"
30"	25 1/4"	28 3/8"



## Architectural Accuracy

In the first century B.C., Vitruvius, a Roman architect and engineer, wrote what has become the most influential work on classic form. In it he elaborates on the discovery by the ancient Greeks of entasis, a gradual tapering of the upper two-thirds of the round column which offsets the undesirable illusion from eye level that the column shaft grows larger as it ascends. HB&G round columns hold true to this classic form.