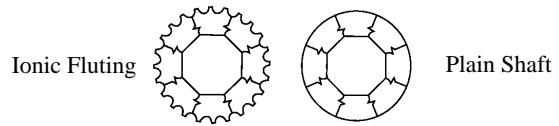


# COLONIAL™ & CLASSIC™ COLUMNS • WOOD

## DESIGN

Our round **Colonial** stock columns have a continual Greek Doric taper and a double stock bead. **Classic** stock columns have a Vignola Taper of 1/3 - 2/3 giving the column a proper entasis and a classic bead. Both styles are available with plain or fluted shafts. Each architectural column comes complete with capital and base.



**Finishing** - Columns are machine sanded and will require finish sanding, priming and possible filling. Do not use a primer containing zinc on redwood columns. After final inspection, columns are secured with styrofoam collars and placed in corrugated boxes.

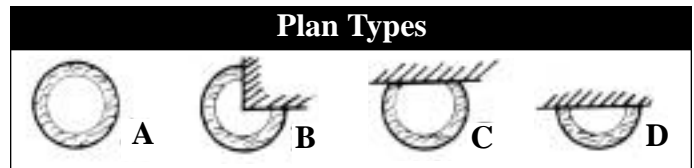
## CONSTRUCTION MATERIALS

**Column Shafts** - Our column shafts are made from the finest kiln-dried, finger-jointed hemlock, fir, pine, or Clear Heart Redwood and Western Red Cedar. Many options are available that are not listed in our price sheet, i.e., a variety of column heights and nominal diameters. **Colonial** columns are available with a choice of tapered or non-tapered shafts with or without an astragal (bead). **Classic** columns are available in a choice of shafts with or without an astragal (bead). Half-rounds can be ordered to match full columns. Column halves, for reassembly around an existing support for a decorative detail, are also available. There are various ways that we can cut columns, i.e., in halves, three quarters, outside corners, etc. These special cuts can be ordered with fluting. Please refer to page 25.

**Round Non-tapered Nominal Shafts** - These shafts are available on small **Colonial** columns. Please call for current prices; their higher price reflects the additional lumber used and the time to reprogram the lathes.

**Splitting** - Our **Colonial** and **Classic** round columns may be split to use as half-round columns or to enclose existing structural beams. Other designs may require more cuts per column. The plan type that you select determines the number of cuts needed. Please call the sales office for splitting charges.

**Capitals** - Our plain capitals are polyurethane. You may order capitals in the same wood species as the shaft for an upcharge. Our decorative capitals are molded using a plaster/fiberglass blend and are available in most column sizes. Their fine detailing will enhance any column. We offer a wide range of capital sizes that are not listed on our price sheet. Call for any capital size or style that you do not see on our list.



**Base Moldings and Plinths** - On small columns, base moldings and plinths are polyurethane. For an additional charge, wooden base moldings and plinths are available. Our two-piece wooden base is connected at our factory for your convenience. On columns with 22" base diameters or larger, we provide fiberglass bases and plinths. For an upcharge, wooden bases and plinths are available for interior use and cast marble bases and aluminum plinths are available for exterior use.

## CONSTRUCTION DETAILS

**Load-bearing Capacity** - Columns are sometimes used for structural support as well as for decorative purposes. For this reason, you may want to know the amount of weight they will bear, referred to as load-bearing capacity. That capacity is directly related to the surface area of the lumber used, the length of the column and the compression strength of the particular wood species. The table below shows some sample load-bearing capacities. Please contact us for an individualized estimate of the load-bearing capacities of any columns you wish to order.

## MANUFACTURING PROCESS

**Shaft Construction** - Using tongue and groove construction for perfect alignment, our finger-jointed shafts are then assembled with Type-1 waterproof glue. To assure consistent pressure, we apply bands during the drying process. Shafts are put on a lathe to create the continual Greek Doric taper for **Colonial** columns and the 1/3 - 2/3 taper for the **Classic** column and to form the astragal. Aspecially designed router is used for the fluting.

**Stave Thickness** - The thickness of the stave is an important indicator of a column's strength, and of course, the thickness influences the price. A stave that is too thin will not lend proper support or withstand the rigors of architectural detail work. The table below details the stave thickness of columns before the shaft is turned.

**Shaft Design** - For more decorative purposes, many of our customers choose an Ionic fluted shaft instead of our plain shaft. Our stock column fluting has a continual depth and begins 5" down from the astragal and 10 3/4" (small) and 5" (large) up from the bottom of the shaft. We can alter the distance of the flutes from the bottom of the shaft for variations in our smaller columns and for use with our decorative composition capitals. One of our friendly consultants will be happy to give you alteration charges.

Load-bearing Capacity and Stave Thickness			
Bottom Dia.	Height	Stave Thickness	Load (lbs)
8"	8'	1 5/16"	6,000
12"	8'	1 5/16"	8,000
14-18"	8'	1 9/16"	12,000

# COLONIAL™ COLUMNS • WOOD

## Type IV Design Series 400 Round Tapered Columns

Orders under \$3,000 - add 5% handling charge.

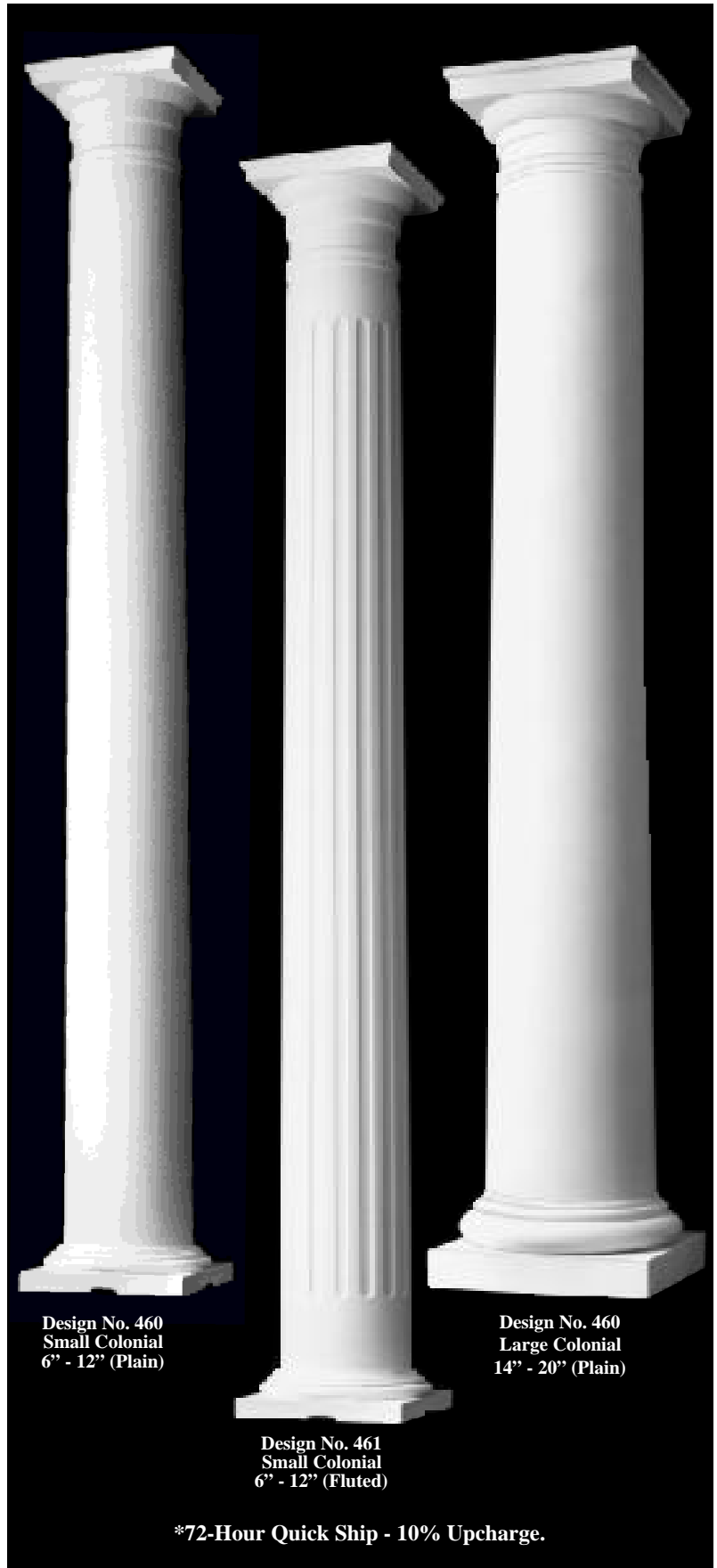
Bottom Diameter x Height	Weights Plain/ Fluted	Hemlock/Pine/Fir		Redwood/Cedar	
		Plain	Fluted	Plain	Fluted
These columns can be cut to smaller overall heights.					
6" x <8'	25/ 23	\$ 122	\$ 139	\$ 252	\$ 292
* 6" x 8'	27/ 25	109	126	239	279
* 6" x 9'	29/ 27	134	155	277	318
* 6" x 10'	32/ 30	178	199	315	353
8" x <8'	35/ 33	147	167	299	354
* 8" x 8'	38/ 35	134	154	286	341
* 8" x 9'	41/ 38	156	179	317	372
* 8" x 10'	44/ 41	159	182	348	402
* 8" x 12'	48/ 44	292	319	519	564
10" x <8'	48/ 44	192	220	390	454
* 10" x 8'	52/ 48	179	207	377	441
* 10" x 9'	57/ 53	205	233	412	476
* 10" x 10'	63/ 58	207	235	441	506
* 10" x 12'	73/ 68	263	291	571	637
10" x 14'	114/106	799	886	1,100	1,227
* 12" x 8'	65/ 60	216	251	469	548
* 12" x 9'	71/ 66	250	285	513	595
* 12" x 10'	78/ 72	252	288	552	635
* 12" x 12'	84/ 78	358	394	759	814
* 12" x 14'	136/147	884	984	1,223	1,372
* 12" x 16'	167/155	989	1,090	1,372	1,520
* 14" x 8'	90/ 83	813	891	1,123	1,238
* 14" x 9'	103/ 95	900	971	1,251	1,357
* 14" x 10'	112/104	1,000	1,051	1,399	1,475
* 14" x 12'	135/125	1,032	1,131	1,445	1,590
* 14" x 14'	158/146	1,145	1,262	1,605	1,778
14" x 16'	179/166	1,362	1,495	1,894	2,085
14" x 18'	202/187	1,578	1,709	2,341	2,399
* 16" x 8'	99/ 92	953	1,212	1,330	1,713
* 16" x 9'	111 /103	1,026	1,285	1,437	1,820
* 16" x 10'	124/115	1,098	1,357	1,544	1,927
* 16" x 12'	149/138	1,230	1,379	1,735	2,047
16" x 14'	174/161	1,379	1,521	1,950	2,164
16" x 16'	199/184	1,610	1,769	2,254	2,487
* 16" x 18'	224/207	1,826	1,987	2,571	2,808
* 16" x 20'	248/230	1,968	2,140	2,787	3,038
18" x 8'	114/106	1,051	1,225	1,553	1,809
18" x 9'	130/120	1,132	1,305	1,672	1,928
18" x 10'	143/132	1,213	1,385	1,792	2,046
18" x 12'	171/158	1,379	1,553	2,032	2,288
18" x 14'	200/185	1,642	1,716	2,271	2,527
18" x 16'	228/211	1,746	1,937	2,573	2,849
* 18" x 18'	257/238	1,976	2,164	2,907	3,184
* 18" x 20'	285/264	2,209	2,417	3,254	3,443
20" x 12'	192/178	1,845	2,022	2,638	2,895
20" x 14'	224/200	1,957	2,132	2,803	3,063
20" x 16'	256/237	2,207	2,415	3,134	3,313
20" x 18'	287/266	2,385	2,640	3,391	3,661
20" x 20'	320/296	2,727	2,978	3,846	4,139
20" x 22'	352/326	3,137	3,356	4,096	4,695

Overall length includes the capital, base and plinth.

\*72-Hour Quick Ship - 10% Upcharge.

For decorative capitals see page 16.

Prices subject to change without notice.



Design No. 460  
Small Colonial  
6" - 12" (Plain)

Design No. 460  
Large Colonial  
14" - 20" (Plain)

Design No. 461  
Small Colonial  
6" - 12" (Fluted)

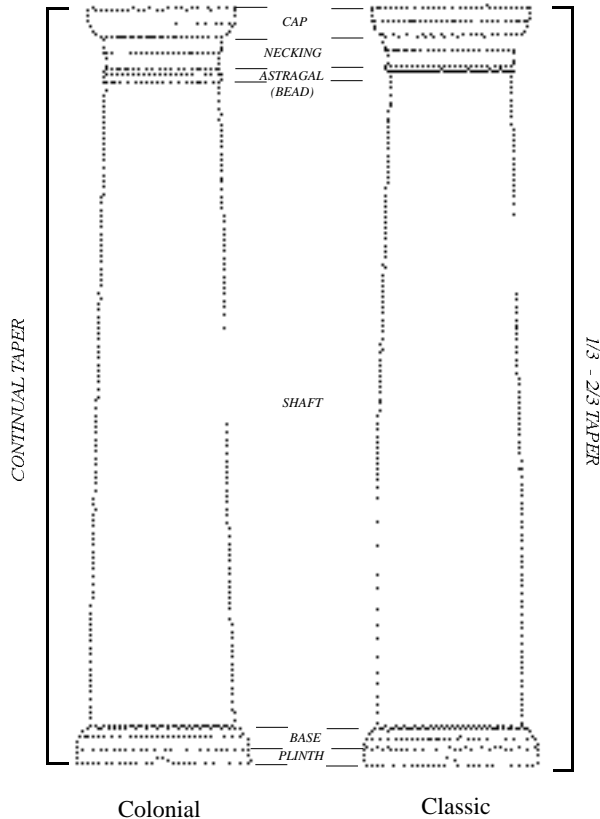
\*72-Hour Quick Ship - 10% Upcharge.

# COMPARISON OF COLONIAL™ & CLASSIC™ COLUMNS • WOOD

Both column styles are available in either finger-jointed softwood or finger-jointed Clear Heart Redwood or Western Red Cedar. The Clear Heart Redwood and Western Red Cedar columns are naturally resistant to rot and insect infestation.

High-density polyurethane capitals and bases are included with **Colonial** and **Classic** columns 6" - 20" in diameter. Fiberglass capitals, bases and plinths are standard on larger **Colonial** and **Classic** columns. Wooden capitals and bases and aluminum plinths are available upon request for an additional charge.

The small (6"-12", 8'-12') **Colonial** and **Classic** columns are offered in our quick-ship program. They can be shipped in 72 hours for a 10% upcharge.



## SPECIAL RECOMMENDATIONS

**Flashing** - Lead or copper flashing is required for all wooden exterior columns to prevent moisture from entering the column shaft. We will be happy to provide prices upon request.

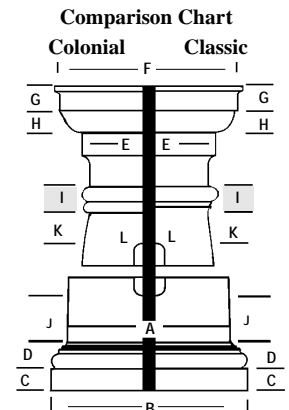
**Painting** - Immediately upon arrival, columns must be primed, and then it is imperative that two coats of oil-based paint be applied to these primed columns. Do not use a primer containing zinc on redwood columns. Do not prime or paint columns to be stained.

**Exterior Column Ventilation** - Adequate ventilation must be provided at the top of the column by a vented recessed soffit. Ventilation must be provided at the bottom of the column by the plinth or plates. **This ventilation must be maintained at all times. See installation instructions.**

**Storage** - We do not recommend storage of wooden columns. If your columns must be stored prior to installation, they must be kept in a dry, well ventilated place in an upright position. Prior to storage, paint-grade columns should be sanded, primed and painted.

IN INCHES

COLUMN DIA.	BOTTOM DIA.	PLINTH		BASE MOLD	TOP DIA.	SQUARE CAP		ROUND CAP	STOCK BEAD	CLASSIC BEAD	BOTTOM FLUTE	TOP FLUTE	FLUTE DIA.	INSIDE TOP INTERIOR CLEARANCE	LARGEST ROUND CLEARANCE	LARGEST SQUARE CLEARANCE
		B	C			F	G									
6	5 1/2	8	1 1/4	1 1/2	4 3/4	7 1/2	1 1/4	1 1/8	1 3/8	1 3/8	10 3/4	3 1/2	3/4	2 3/8	2 1/4	N/A
8	7 1/4	9 7/8	1 1/4	1 1/2	6 1/4	9 1/2	1 1/4	1 1/8	1 3/8	1 3/8	10 3/4	3 1/2	15/16	3 3/4	3 1/2	N/A
10	9 1/4	11 7/8	1 1/4	1 1/2	8	11	1 1/4	1 1/8	1 3/8	1 3/8	10 3/4	3 1/2	15/16	5 1/2	5	3 1/2
12	11 1/4	13 3/4	1 1/4	1 1/2	9 1/4	12	1 1/4	1 1/8	1 3/8	1 3/8	10 3/4	3 1/2	15/16	6 7/8	6 1/2	4 1/2
14	13 5/8	16 1/2	1 7/8	2 1/8	12	14 1/2	2	1 3/8	1 3/8	1 3/8	5	2 3/4	1 1/8	9	8 1/2	6
16	15 5/8	18 3/4	2	2 1/2	13 1/2	16	2 3/8	1 5/8	1 3/8	1 3/8	5	2 3/4	1 1/4	10 3/4	10 1/4	7 1/2
18	17 5/8	22 1/8	2 3/4	3 1/2	15	18 3/4	2 7/8	2 1/4	1 3/8	1 3/8	5	2 3/4	1 1/2	12 1/4	11 1/2	8 1/2
20	19 5/8	24 1/8	2 3/4	3 1/2	17	20 7/8	3 1/8	2 1/2	1 3/8	1 3/8	5	2 3/4	1 5/8	14 1/4	13 3/4	9 1/2



# CLASSIC™ COLUMNS • WOOD

## Type III Design Series 300 Round Tapered Columns

Orders under \$3,000 - add 5% handling charge.

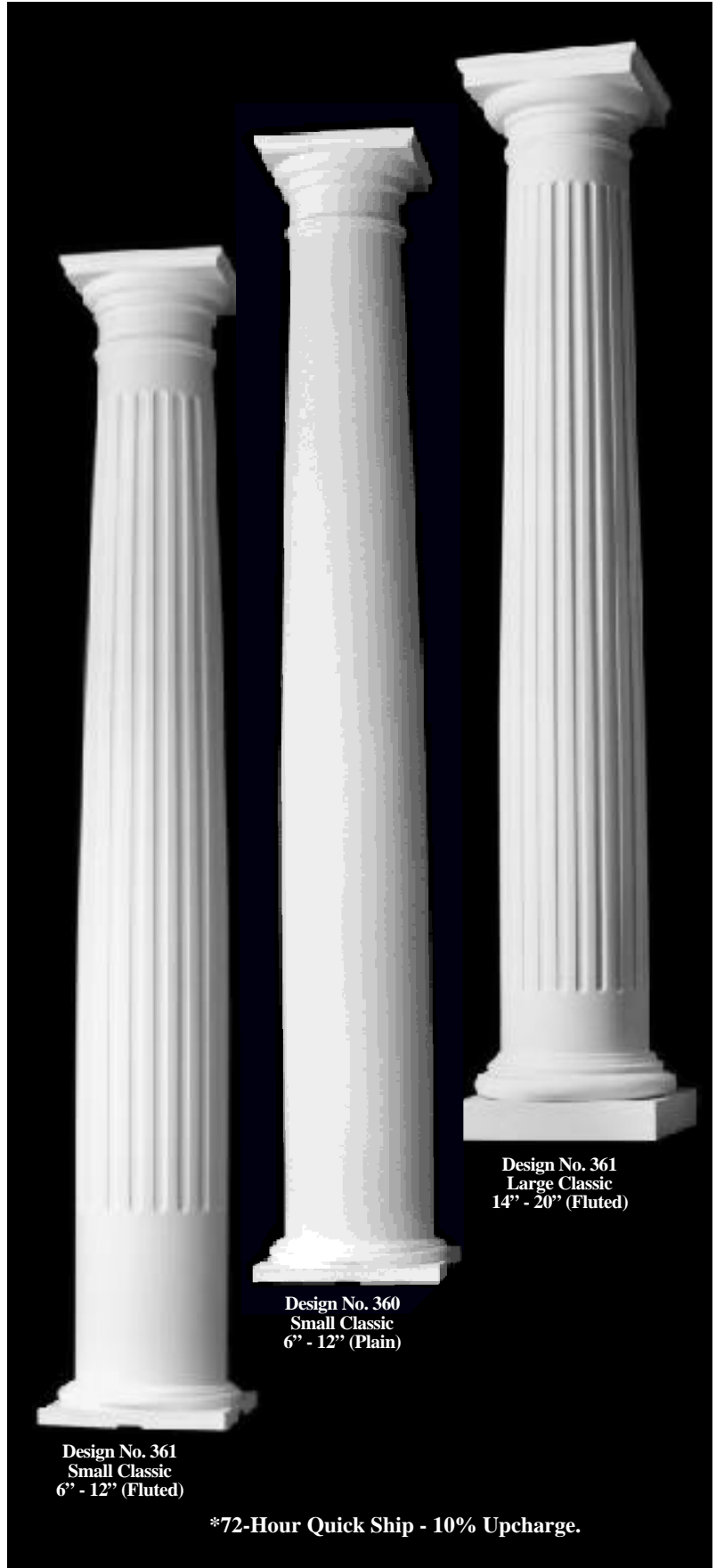
Bottom Diameter x Height	Weights Plain/ Fluted	Hemlock/Pine/Fir		Redwood/Cedar	
		Plain	Fluted	Plain	Fluted
These columns can be cut to smaller overall heights.					
6" x <8'	25/ 23	\$ 147	\$ 170	\$ 266	\$ 309
* 6" x 8'	27/ 25	134	157	253	296
* 6" x 9'	29/ 27	142	165	294	337
* 6" x 10'	32/ 30	188	211	334	375
8" x <8'	35/ 33	174	205	316	375
* 8" x 8'	38/ 35	161	192	303	362
* 8" x 9'	41/ 38	190	222	337	394
* 8" x 10'	44/ 41	196	226	369	426
* 8" x 12'	48/ 44	310	337	550	598
10" x <8'	48/ 44	225	261	413	480
* 10" x 8'	52/ 48	212	248	400	467
* 10" x 9'	57/ 53	246	282	437	505
* 10" x 10'	63/ 58	248	285	467	536
* 10" x 12'	73/ 68	321	359	605	675
10" x 14'	114/106	836	926	1,157	1,291
* 12" x 8'	65/ 60	264	309	497	581
* 12" x 9'	71/ 66	306	355	544	631
* 12" x 10'	78/ 72	311	358	585	674
* 12" x 12'	84/ 78	428	458	805	863
12" x 14'	136/147	924	1,031	1,287	1,436
12" x 16'	167/155	1,031	1,137	1,445	1,601
14" x 8'	90/ 83	852	935	1,181	1,303
14" x 9'	103/ 95	944	1,020	1,316	1,429
14" x 10'	112/104	1,051	1,105	1,474	1,554
14" x 12'	135/125	1,083	1,187	1,522	1,676
14" x 14'	158/146	1,198	1,322	1,692	1,875
14" x 16'	179/166	1,429	1,566	1,993	2,196
14" x 18'	202/187	1,750	1,791	2,467	2,529
16" x 8'	99/ 92	1,001	1,275	1,400	1,806
16" x 9'	111/103	1,078	1,352	1,514	1,919
16" x 10'	124/115	1,154	1,429	1,627	2,033
16" x 12'	149/138	1,292	1,513	1,830	2,160
16" x 14'	174/161	1,446	1,599	2,057	2,284
16" x 16'	199/184	1,687	1,854	2,375	2,622
16" x 18'	224/207	1,915	2,085	2,711	2,963
16" x 20'	248/230	2,070	2,250	2,940	3,206
18" x 8'	114/106	1,196	1,366	1,688	1,940
18" x 9'	130/120	1,275	1,445	1,806	2,057
18" x 10'	143/132	1,355	1,523	1,923	2,173
18" x 12'	171/158	1,514	1,684	2,159	2,410
18" x 14'	200/185	1,673	1,844	2,394	2,646
18" x 16'	228/211	1,956	2,140	2,772	3,044
18" x 18'	257/238	2,178	2,362	3,101	3,372
18" x 20'	285/264	2,409	2,610	3,441	3,672
20" x 12'	192/178	1,940	2,058	2,788	3,059
20" x 14'	224/200	2,058	2,245	2,962	3,238
20" x 16'	256/237	2,318	2,519	3,308	3,498
20" x 18'	287/266	2,577	2,777	3,580	3,865
20" x 20'	320/296	2,914	3,131	4,063	4,374
20" x 22'	352/326	3,326	3,543	4,327	4,963

Overall length includes the capital, base and plinth.

\*72-Hour Quick Ship - 10% Upcharge.

For decorative capitals see page 16.

Prices subject to change without notice.



Design No. 361  
Large Classic  
14" - 20" (Fluted)

Design No. 360  
Small Classic  
6" - 12" (Plain)

Design No. 361  
Small Classic  
6" - 12" (Fluted)

\*72-Hour Quick Ship - 10% Upcharge.