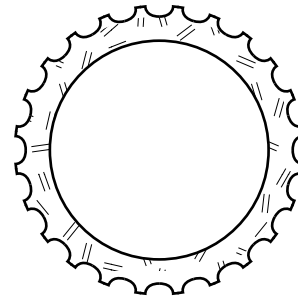


Gypsum Columns, Pilasters & Capitals

The orders of classical architecture were established during the 16th century by Italian Renaissance scholars. By studying the remains of buildings built during the Roman empire before the 5th century and the ancient writings of Vitruvius, a proportional system for the design of columns and horizontal supports was defined which became a basis for architectural design. The five classical orders each defined a set of proportions for the design of entablatures, columns and pedestals. They were named the Tuscan, Doric, Ionic, Corinthian, and Composite Orders.

The principal difference between the orders is in the proportion of the columns. Tuscan columns are the thickest, Corinthian and Composite columns are thinner. The style and height of a column's capital also varies from order to order. Tuscan and Doric capitals are plain, spun shapes. Composite capitals are highly ornate.

Columns may be fluted or plain. All classical columns include *entasis*, an even narrowing from a distance 1/3 of



Section of a Fluted Column Shaft

the way up the column shaft to its neck. Entasis greatly enhances the appearance of the large columns the orders describe. Smaller columns often look better without entasis.

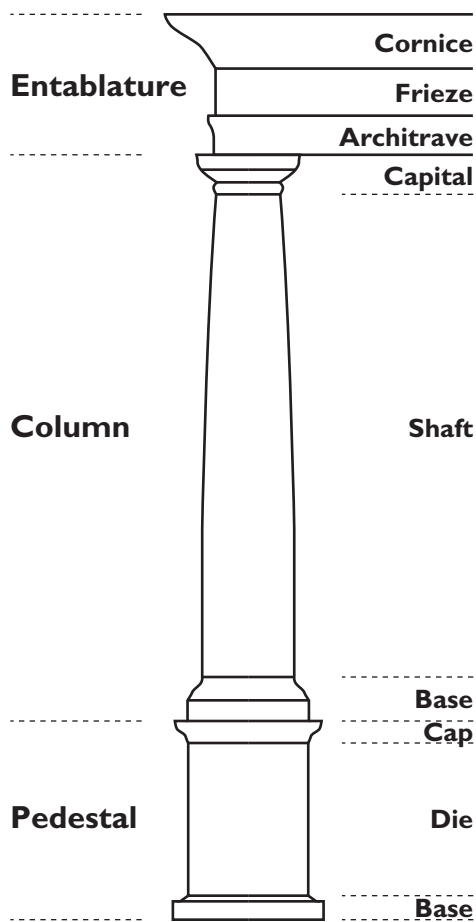
Today, columns have found many decorative uses in the interior of a residence, office, or institutional building. They are very effective as room dividers in lieu of partitions to create a visual division between areas of rooms, in entries, under arches or beams, singly or in pairs.

Pilasters are the *flat to the wall* counterpart of columns. Classically, pilasters were mated with columns. Today, they are often used in pairs margining doors, framing full height mirrors, dividing wall areas or bordering an area such as a buffet. Used with a pediment, pilasters make a very elegant door trim. Pilasters are typically straight but may include entasis if they are to be mated with an entasis column. In addition to our classical pilasters, we offer three ornamental pilasters (shown at the right).

Balmer supplies complete columns and pilasters made from our wide selection of separate capitals, shafts, and bases. Alternatively, you can order only capitals or bases and supply your own shaft.

All of our columns and pilasters are produced in a very hard and dense gypsum cement, three times as hard as plaster. Our 8 inch diameter, 5/8 inch thick fluted column rings like a steel pipe when tapped. These products are designed as decorative non-structural components. Columns are, however, hollow and can be supplied in halves for installation around load bearing posts.

A wood plinth is recommended under columns and pilasters used without a pedestal to prevent abuse from cleaning utensils. The plinth beneath a pilaster should be roughly the same height as the baseboard.



The Parts of an Order of Classical Architecture

Gypsum Ornamental Pilasters



Ornamental Pilasters						
Number	Width		Height		Projection	
	inch	mm	inch	mm	inch	mm
1908	10	254	76	1930	1	25
3391	8	203	70 1/2	1791	1 3/8	35
3392	8	203	100 5/8	2556	2	51

Gypsum Plaster Pediments

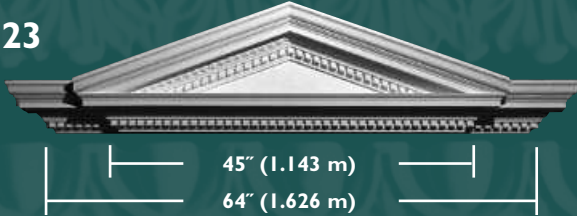
1910



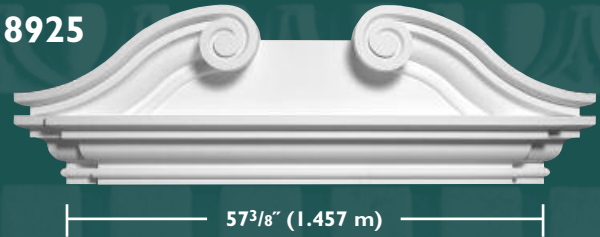
8924



2923



8925



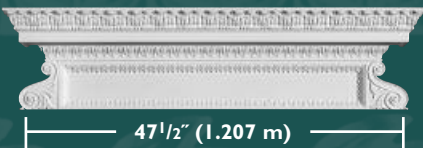
2924



8926



2926



8927



3417



8930



Pediments						Pediments							
Number	Width		Height		Projection		Number	Width		Height		Projection	
	inch	mm	inch	mm	inch	mm		inch	mm	inch	mm	inch	mm
1910	61 3/4	1568	18 1/2	470	5	127	8924	66 1/4	1683	25 1/4	641	6 1/4	159
2923	72 3/4	1848	16	406	7 5/8	194	8925	67 1/4	1708	20 1/2	521	9 1/4	235
2924	60 7/8	1546	11 1/2	292	5	127	8926	64 3/4	1645	8 3/4	222	5	127
2926	50 1/4	1276	11 5/8	295	6	152	8927	50 1/4	1276	12 3/4	324	6 1/4	159
3417	95 1/4	2419	20 1/4	514	5	127	8930	56	1422	10 3/4	273	3 1/4	83

Gypsum Plaster Capitals

Doric Column Capitals



Number	Column Dia.		Max. Dia.		Height	
	inch	mm	inch	mm	inch	mm
762a	4	102	6 ⁵ / ₈	168	3 ³ / ₈	85
762b	5	127	8 ¹ / ₄	210	4 ³ / ₁₆	106
762c	6	152	10	254	5	127
762d	7	178	11 ⁵ / ₈	295	5 ⁷ / ₈	149
762e	8	203	13 ³ / ₈	340	6 ¹¹ / ₁₆	170
762f	9	229	15	381	7 ¹ / ₂	191
762g	10	254	16 ⁵ / ₈	422	8 ³ / ₈	212
762h	11	279	18 ¹ / ₄	464	9 ³ / ₁₆	234
762i	12	305	19 ⁷ / ₈	505	10	255

Doric Pilaster Capitals



Number	Pilaster Width		Pilaster Depth		Max. Width		Height	
	inch	mm	inch	mm	inch	mm	inch	mm
763a	4	102	2	51	6 ⁵ / ₈	168	3 ³ / ₈	85
763b	5	127	2 ¹ / ₂	64	8 ¹ / ₄	210	4 ³ / ₁₆	106
763c	6	152	3	76	10	254	5	127
763d	7	178	3 ¹ / ₂	89	11 ⁵ / ₈	295	5 ⁷ / ₈	149
763e	8	203	4	102	13 ³ / ₈	340	6 ¹¹ / ₁₆	170
763f	9	229	4 ¹ / ₂	114	15	381	7 ¹ / ₂	191
763g	10	254	5	127	16 ⁵ / ₈	422	8 ³ / ₈	212
763h	11	279	5 ¹ / ₂	140	18 ¹ / ₄	464	9 ³ / ₁₆	234
763i	12	305	6	152	19 ⁷ / ₈	505	10	255

Tuscan Column Capitals



Number	Column Dia.		Width at Top		Height	
	inch	mm	inch	mm	inch	mm
764e	8	203	13 ¹¹ / ₁₆	348	7 ⁵ / ₁₆	186
764g	10	254	16 ⁹ / ₁₆	421	8 ⁷ / ₁₆	214
764i	12	305	19 ¹ / ₂	495	9 ⁵ / ₈	244

Scamozzi Ionic Column Capitals



Number	Column Dia.		Max. Width		Height	
	inch	mm	inch	mm	inch	mm
782a	4 ¹ / ₂	102	7 ⁷ / ₈	200	2 ³ / ₈	60
782b	5	127	8 ¹ / ₄	210	3	76
782c	7	178	11 ³ / ₄	298	3 ⁵ / ₈	92
782d	9	229	15 ³ / ₄	400	4 ⁷ / ₈	124
782e	11	279	19 ¹ / ₄	489	5 ⁵ / ₈	143
782f	12	305	19 ³ / ₄	502	4 ³ / ₄	121
701	14	356	21 ³ / ₄	552	4 ³ / ₄	121

Scamozzi Ionic Pilaster Capitals



Number	Pilaster Width		Pilaster Depth		Max. Width		Height	
	inch	mm	inch	mm	inch	mm	inch	mm
782g	8 ¹ / ₂	216	4 ¹ / ₄	108	15 ¹ / ₂	394	4 ⁷ / ₈	124
782h	11	279	5 ¹ / ₂	140	18 ¹ / ₂	470	5 ¹ / ₂	140
782i	12	305	6	152	19 ⁵ / ₈	498	5	127
703	13 ¹ / ₂	343	6 ³ / ₄	171	25 ⁵ / ₈	651	8 ¹ / ₄	210

Gypsum Plaster Capitals

Classic Ionic Column Capitals



Number	Column Dia.		Max. Width		Height	
	inch	mm	inch	mm	inch	mm
735a	6	152	10 1/4	260	3	76
735b	7	178	12 1/4	311	3 7/8	98
735c	8	203	13 1/4	337	4 1/8	105
735d	9	229	15 1/4	387	4 3/4	121
735e	10	254	16 1/8	410	4 5/8	117

Classic Ionic Pilaster Capitals



Number	Pilaster Width		Pilaster Depth		Max. Width		Height	
	inch	mm	inch	mm	inch	mm	inch	mm
735f	6	152	3	76	10 1/16	256	3	76
735g	7	178	3 1/2	89	12 3/4	324	3 7/8	98
735h	8	203	4	102	13 1/2	343	4 1/4	108
735i	9	229	4 1/2	114	16 3/4	425	4 3/4	121
735j	10	254	5	127	17 1/2	445	4 3/4	121

Corinthian Column Capitals



Number	Column Dia.		Max. Width		Height	
	inch	mm	inch	mm	inch	mm
2983	4	102	6 3/4	171	5 1/2	140
719	8	203	13 7/8	352	12 1/4	311
3547	10	254	16 3/4	425	15	381
3200	12	305	20 1/2	521	17 1/4	438
3422	16	406	29 1/4	743	24 1/2	622
726	17	432	29 3/4	756	27 1/2	699
3202	22 1/2	572	33 1/4	845	29	737

Corinthian Pilaster Capitals



Number	Pilaster Width		Pilaster Depth		Max. Width		Height	
	inch	mm	inch	mm	inch	mm	inch	mm
2978	3	76	1 3/8	35	5	127	4 5/8	117
3228	3	76	1 1/2	38	5	127	5	127
2982	4	102	2 1/8	54	7	178	5 1/2	140
714	8	203	4	102	14 7/8	378	11 7/8	302
3547a	10	254	5	127	17 5/8	448	15 1/8	384
3201	12	305	6	152	20 1/2	521	18 1/4	464
3422a	16	406	8	203	30	762	27	686
760	17 1/2	445	2 1/2	64	31	787	27 1/4	692

Gypsum Plaster Capitals

Greek Corinthian Column Capitals

Number	Column Dia.		Max. Width		Height	
	inch	mm	inch	mm	inch	mm
3210	8	203	15 1/8	384	16 1/2	419
3425	9 3/4	248	16 1/2	419	11 5/8	295
7905	10	254	15 1/4	387	12	305
3383	11	279	17 3/8	441	16 1/4	413



3210



7905



3383



3425

Greek Corinthian Pilaster Capitals



3398



3209



3382



3385

Number	Pilaster Width		Pilaster Depth		Max. Width		Height	
	inch	mm	inch	mm	inch	mm	inch	mm
3398	6	152	1 1/2	38	9 1/2	241	9	229
3209	8	203	3	76	15 1/16	383	16	406
3382	10 3/4	273	3 1/8	79	17 1/2	445	17 1/4	438
3385	30 1/2	775	2 1/2	64	37	940	16 1/4	413

Renaissance Composite Column Capitals

Number	Column Dia.		Max. Width		Height	
	inch	mm	inch	mm	inch	mm
2991	2	51	4 3/4	121	5	127
1883	5 1/4	133	9 1/4	235	7 1/4	184
3390	5 7/8	149	10 3/4	273	8	203
1884	6	152	9 1/4	235	8 1/4	210
1899	6	152	10 1/2	267	7 3/4	197
2401	6	152	8 3/4	222	9	229
2992	7	178	8 3/8	213	9 1/2	241
3426	7	178	11 1/2	292	2 3/4	70
3424	8	203	13 1/8	333	6 1/2	165
713	9	229	17	432	15 1/4	387
3428	10 1/4	260	16 1/8	410	5	127



2991



1883



3424



3390



3426



1899



1884



2401



2992



713



3428

Gypsum Plaster Capitals

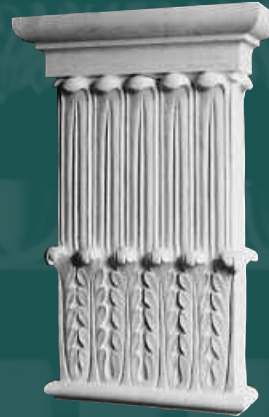
Renaissance Composite Pilaster Capitals



1898



1885



3384



2995



722



733



715



7902



3386



3423

Number	Pilaster Width		Pilaster Depth		Max. Width		Height	
	inch	mm	inch	mm	inch	mm	inch	mm
1898	6	152	3	76	10	254	7 ¹ / ₄	184
1885	6	152	3	76	9 ¹ / ₄	235	8 ³ / ₈	213
2995	8	203	1 ¹ / ₂	38	10 ¹ / ₄	260	10 ¹ / ₂	267
722a	8	203	1 ³ / ₄	44	11 ⁵ / ₈	295	12 ¹ / ₈	308
722b	9	229	1 ³ / ₄	44	12 ⁷ / ₈	327	12 ³ / ₄	324
722c	10	254	2	51	13 ³ / ₄	349	12 ³ / ₄	324
733	9	229	4 ¹ / ₂	114	17	432	15 ¹ / ₄	387
7902	10	254	2 ¹ / ₄	57	13 ³ / ₈	340	16	406
715	11	279	2	51	16 ¹ / ₂	419	17 ¹ / ₄	438
3386	11	279	1 ³ / ₄	45	14 ³ / ₈	365	15 ¹ / ₈	384
3384	11 ³ / ₄	298	2 ¹ / ₂	64	16 ¹ / ₈	410	24	610
3423	13	330	1 ¹ / ₂	38	23 ¹ / ₈	587	6 ¹ / ₂	165
720	15	381	2 ³ / ₄	70	18 ³ / ₄	476	16	406



720

Gypsum Plaster Column & Pilaster Bases



**3407 Single Bullnose
Column Base**



**3408 Double Bullnose
Column Base**

Bases are available in two styles and 12 sizes for both columns and pilasters. When ordering a column base, provide the column diameter (at the base). For a pilaster base, provide the pilaster width (at the base). Pilaster bases ordered alone (ie. without a Balmer pilaster shaft) are supplied to surround a pilaster projection of one-half the pilaster's width. They can easily be trimmed for pilasters with less projection.

Note that all of our bases mount around, not beneath, a column or pilaster. The base height therefore does not affect column or pilaster height. Columns and pilasters stand directly on the floor or plinth.



**3607 Single Bullnose
Pilaster Base**



**3608 Double Bullnose
Pilaster Base**

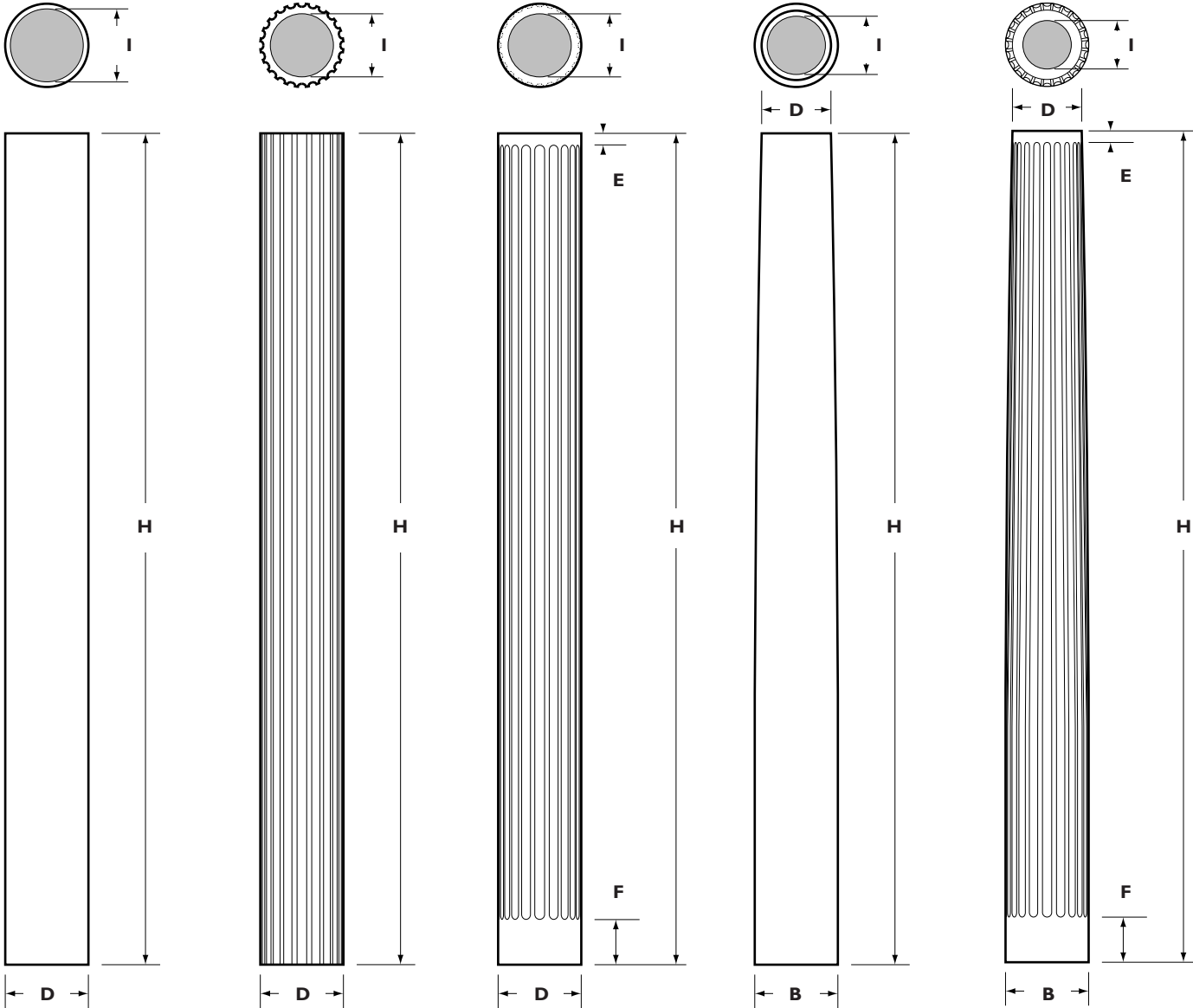
Single Bullnose Column Bases						
Number	Column Dia.		Max. Dia.		Height	
	inch	mm	inch	mm	inch	mm
3407a	4	102	6 ³ / ₈	162	1 ⁷ / ₈	48
3407b	5	127	7 ³ / ₈	187	1 ⁷ / ₈	48
3407c	6	152	9 ¹ / ₄	235	2 ⁵ / ₈	67
3407d	7	178	10 ¹ / ₄	260	2 ⁵ / ₈	67
3407e	7 1/2	191	10 ³ / ₄	273	2 ⁵ / ₈	67
3407f	8	203	11 1/4	286	2 ⁵ / ₈	67
3407g	8 1/2	216	11 ³ / ₄	298	2 ⁵ / ₈	67
3407h	9	229	12 ¹ / ₄	311	2 ⁵ / ₈	67
3407i	10	254	13 ¹ / ₄	337	2 ⁵ / ₈	67
3407j	11	279	15	381	3 1/4	95
3407k	12	305	16	406	3 1/4	95
3407l	14	356	18	457	3 1/4	95

Single Bullnose Pilaster Bases						
Number	Pilaster Width		Max. Width		Height	
	inch	mm	inch	mm	inch	mm
3607a	4	102	6 ³ / ₈	162	1 ⁷ / ₈	48
3607b	5	127	7 ³ / ₈	187	1 ⁷ / ₈	48
3607c	6	152	9 ¹ / ₄	235	2 ⁵ / ₈	67
3607d	7	178	10 ¹ / ₄	260	2 ⁵ / ₈	67
3607e	7 1/2	191	10 ³ / ₄	273	2 ⁵ / ₈	67
3607f	8	203	11 1/4	286	2 ⁵ / ₈	67
3607g	8 1/2	216	11 ³ / ₄	298	2 ⁵ / ₈	67
3607h	9	229	12 ¹ / ₄	311	2 ⁵ / ₈	67
3607i	10	254	13 ¹ / ₄	337	2 ⁵ / ₈	67
3607j	11	279	15	381	3 1/4	95
3607k	12	305	16	406	3 1/4	95
3607l	14	356	18	457	3 1/4	95

Double Bullnose Column Bases						
Number	Column Dia.		Max. Dia.		Height	
	inch	mm	inch	mm	inch	mm
3408a	4	102	6 1/4	159	3 ⁵ / ₈	143
3408b	5	127	7 1/4	184	3 ⁵ / ₈	143
3408c	6	152	10 1/2	254	7 1/4	184
3408d	7	178	11 1/2	279	7 1/4	184
3408e	7 1/2	191	12	305	7 1/4	184
3408f	8	203	12 1/2	318	7 1/4	184
3408g	8 1/2	216	13	330	7 1/4	184
3408h	9	229	13 1/2	343	7 1/4	184
3408i	10	254	14 1/2	368	7 1/4	184
3408j	11	279	17 1/2	445	10 ⁷ / ₈	276
3408k	12	305	18 1/2	470	10 ⁷ / ₈	276
3408l	14	356	20 ⁵ / ₈	524	10 ⁷ / ₈	276

Double Bullnose Pilaster Bases						
Number	Pilaster Width		Max. Width		Height	
	inch	mm	inch	mm	inch	mm
3608a	4	102	6 1/4	159	3 ⁵ / ₈	143
3608b	5	127	7 1/4	184	3 ⁵ / ₈	143
3608c	6	152	10 1/2	254	7 1/4	184
3608d	7	178	11 1/2	279	7 1/4	184
3608e	7 1/2	191	12	305	7 1/4	184
3608f	8	203	12 1/2	318	7 1/4	184
3608g	8 1/2	216	13	330	7 1/4	184
3608h	9	229	13 1/2	343	7 1/4	184
3608i	10	254	14 1/2	368	7 1/4	184
3608j	11	279	17 1/2	445	10 ⁷ / ₈	276
3608k	12	305	18 1/2	470	10 ⁷ / ₈	276
3608l	14	356	20 ⁵ / ₈	524	10 ⁷ / ₈	276

Gypsum Cement Column Shafts



Style 1:
Plain, Straight
Shaft

Style 2:
Fluted, Straight
Shaft

Style 3:
Fluted, Straight
Shaft with
Endflutes

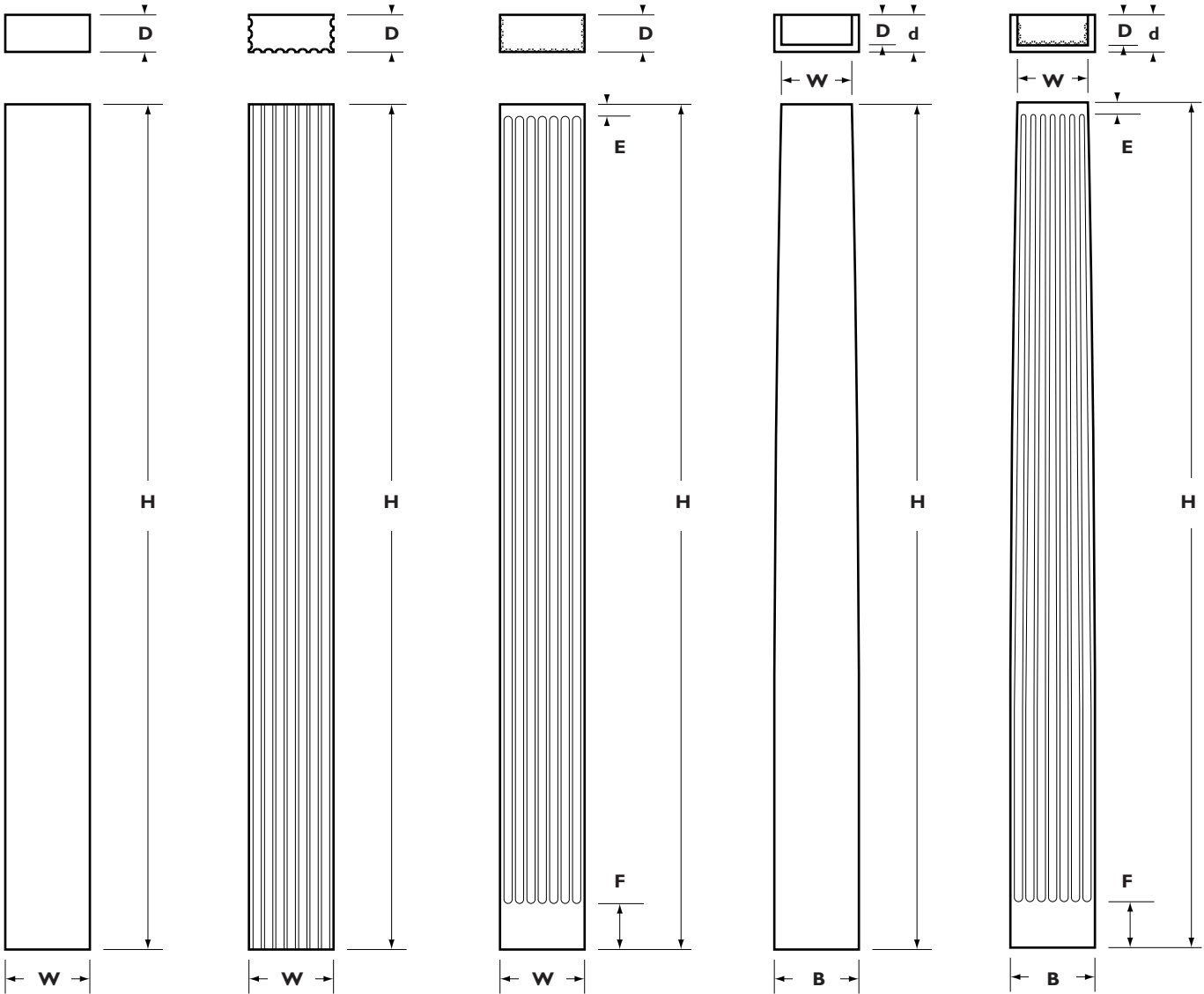
Style 4:
Plain, Entasis
Shaft

Style 5:
Fluted, Entasis
Shaft with
Endflutes

Gypsum Cement Column Shafts

Number	Style	H		D		B		I		E		F	
		inch	m	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
Standard Column Shafts													
5001A	1	83 1/8	2.111	4	102			3	76				
5001B	1	88 1/2	2.248	5	127			4	102				
5001C	1	94 1/2	2.400	6	152			5	127				
5001D	1	97 7/8	2.486	7	178			6	152				
5001E	1	105 3/8	2.677	8	203			6 3/4	171				
5001F	1	110 3/4	2.813	9	229			8	203				
5001G	1	116 7/8	2.969	10	254			8 1/2	216				
5001H	1	116	2.946	11	279			10	254				
5001I	1	116 1/4	2.953	12	305			11	279				
5002A	2	83 1/8	2.111	4	102			2 1/2	64				
5002B	2	88 1/2	2.248	5	127			3 1/2	89				
5002C	2	94 1/2	2.400	6	152			4 1/2	114				
5002D	2	97 7/8	2.486	7	178			5 1/2	140				
5002E	2	105 3/8	2.677	8	203			6 1/2	165				
5002F	2	110 3/4	2.813	9	229			7	178				
5002G	2	116 7/8	2.969	10	254			8	203				
5002H	2	116	2.946	11	279			9	229				
5002I	2	116 3/4	2.965	12	305			10	254				
5003A	3	83 1/8	2.111	4	102			2 1/2	63	3/4	19	6 1/8	156
5003B	3	88 1/2	2.248	5	127			3 1/2	89	3/4	19	9 1/8	232
5003C	3	94 1/2	2.400	6	152			4 1/2	114	3/4	19	10 1/4	260
5003D	3	97 7/8	2.486	7	178			5 1/2	140	3/4	19	10 1/4	260
5003E	3	105 3/8	2.677	8	203			6 1/2	165	3/4	19	10 3/4	273
5003F	3	110 3/4	2.813	9	229			7	178	3/4	19	10 3/4	273
5003G	3	116 7/8	2.969	10	254			8	203	3/4	19	11 3/4	299
5003H	3	116	2.946	11	279			9	229	3/4	19	15 3/8	391
5003I	3	116 3/4	2.965	12	305			10	254	3/4	19	15 3/8	391
5004C	4	94 1/2	2.400	6	152	7 1/2	191	4 1/2	114				
5004D	4	97 7/8	2.486	7	178	8 1/2	216	5 1/2	140				
5004E	4	105 3/8	2.677	8	203	10	254	6 1/2	165				
5004G	4	116 7/8	2.969	10	254	12	305	8	203				
5004I	4	116 3/4	2.965	12	305	14	356	10	254				
5005C	5	94 1/2	2.400	6	152	7 1/2	191	4 1/2	114	3/4	19	10 1/4	260
5005D	5	97 7/8	2.486	7	178	8 1/2	216	5 1/2	140	3/4	19	10 1/4	260
5005E	5	105 3/8	2.677	8	203	10	254	6 1/2	165	3/4	19	10 3/4	273
5005G	5	116 7/8	2.969	10	254	12	305	8	203	3/4	19	11 3/4	299
5005I	5	116 3/4	2.965	12	305	14	356	10	254	3/4	19	15 3/8	391
Non-standard Column Shafts													
5502	2	96	2.438	6	152			4 3/4	121				
5503	2	103 3/4	2.635	8	203			6 1/4	159				
5504	3	87 1/4	2.216	10	254			9	229	3/4	19	1/4 (3)	6
5506	4	90 1/4	2.292	4 1/2	114	5 1/2	140	3 1/2	89				
5509	4	91 3/4	2.330	7 1/4	184	8 1/2	216	6 1/4	159				
5510	4	108	2.743	11 3/8	289	13	330	10 3/8	264				
5511	4	109 3/4	2.788	15	381	18	457	14	356				
5512	5	82 1/2	2.096	7	178	8 1/4	210	6	152	0	0	1/2	13
5513	5	103 1/2	2.629	8 1/4	210	10 1/8	257	6 3/4	171	1/2	13	9	229
5514	5	74 1/2	1.892	8 1/2	216	9 3/4	248	6	152	1/2	13	3/4	19
5516	5	99 1/2	2.527	9	229	10 3/4	273	8	203	1/2	13	5 1/4	57
5517	5	95 7/8	2.435	12	305	14	356	9 3/4	248	3/4	19	4 3/4	121

Gypsum Cement Pilaster Shafts



Style 1:
Plain, Straight
Shaft

Style 2:
Fluted, Straight
Shaft

Style 3:
Fluted, Straight
Shaft with
Endflutes

Style 4:
Plain, Entasis
Shaft

Style 5:
Fluted, Entasis
Shaft with
Endflutes

Note: Pilasters of Style 2, 3, or 5 with a depth of less than one-half the pilaster width do not have flutes on the side of the pilaster.

Gypsum Cement Pilaster Shafts

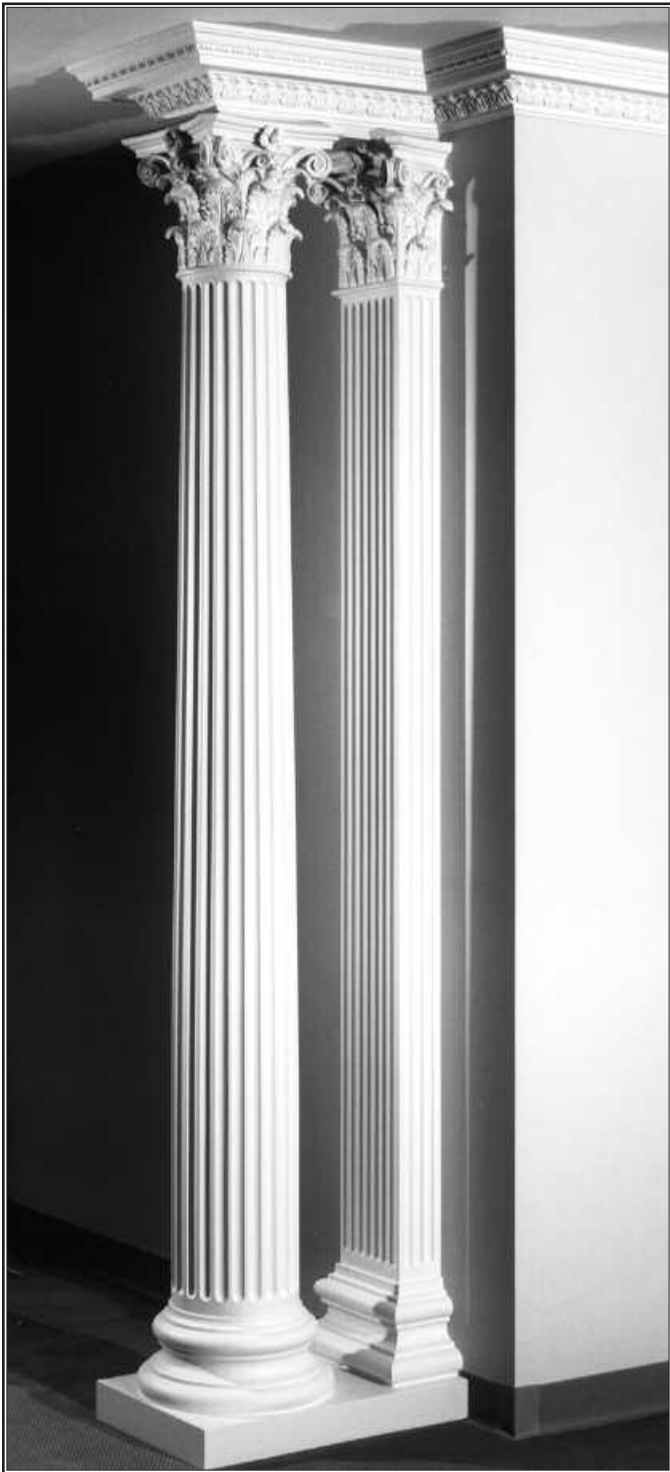
Number	Style	H		W		B		D		d		E		F	
		inch	m	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
Standard Pilaster Shafts															
6001C	1	94 ¹ / ₂	2.400	6	152			3	76						
6001E	1	105 ³ / ₈	2.677	8	203			4	102						
6001G	1	116 ⁷ / ₈	2.969	10	254			5	127						
6001I	1	116 ³ / ₄	2.965	12	305			6	152						
6002A	2	83 ¹ / ₈	2.111	4	102			2	51						
6102A	2	83 ¹ / ₈	2.111	4	102			³ / ₄	19						
6002B	2	88 ¹ / ₂	2.248	5	127			2 ¹ / ₂	64						
6002C	2	94 ¹ / ₂	2.400	6	152			3	76						
6102C	2	94 ¹ / ₂	2.400	6	152			1 ¹ / ₂	38						
6002D	2	97 ⁷ / ₈	2.486	7	178			3 ¹ / ₂	89						
6002E	2	105 ³ / ₈	2.677	8	203			4	102						
6102E	2	105 ³ / ₈	2.677	8	203			1 ¹ / ₂	38						
6002F	2	110 ³ / ₄	2.813	9	229			4 ¹ / ₂	114						
6002G	2	116 ⁷ / ₈	2.969	10	254			5	127						
6102G	2	116 ⁷ / ₈	2.969	10	254			1 ³ / ₄	45						
6002H	2	116	2.946	11	279			5 ¹ / ₂	140						
6002I	2	116 ³ / ₄	2.965	12	305			6	152						
6003A	3	83 ¹ / ₈	2.111	4	102			2	51		³ / ₄	19		6 ¹ / ₈	156
6003B	3	88 ¹ / ₂	2.248	5	127			2 ¹ / ₂	64		³ / ₄	19		9 ¹ / ₈	232
6003C	3	94 ¹ / ₂	2.400	6	152			3	76		³ / ₄	19		10 ¹ / ₄	260
6103C	3	94 ¹ / ₂	2.400	6	152			1 ¹ / ₂	38		³ / ₄	19		10 ¹ / ₄	260
6003D	3	97 ⁷ / ₈	2.486	7	178			3 ¹ / ₂	89		³ / ₄	19		10 ¹ / ₄	260
6003E	3	105 ³ / ₈	2.677	8	203			4	102		³ / ₄	19		10 ³ / ₄	273
6103E	3	105 ³ / ₈	2.677	8	203			1 ¹ / ₂	38		³ / ₄	19		10 ³ / ₄	273
6003F	3	110 ³ / ₄	2.813	9	229			4 ¹ / ₂	114		³ / ₄	19		10 ³ / ₄	273
6003G	3	116 ⁷ / ₈	2.969	10	254			5	127		³ / ₄	19		11 ³ / ₄	299
6103G	3	116 ⁷ / ₈	2.969	10	254			1 ³ / ₄	45		³ / ₄	19		11 ³ / ₄	299
6003H	3	116	2.946	11	279			5 ¹ / ₂	140		³ / ₄	19		15 ³ / ₈	391
6003I	3	116 ³ / ₄	2.965	12	305			6	152		³ / ₄	19		15 ³ / ₈	391
6004C	4	94 ¹ / ₂	2.400	6	152	7 ¹ / ₂	191	3	76	3 ³ / ₄	95				
6004D	4	97 ⁷ / ₈	2.486	7	178	8 ¹ / ₂	216	3 ¹ / ₂	89	4 ¹ / ₄	108				
6004E	4	105 ³ / ₈	2.677	8	203	10	254	4	102	5	127				
6004G	4	116 ⁷ / ₈	2.969	10	254	12	305	5	127	6	152				
6004I	4	116 ³ / ₄	2.965	12	305	14	356	6	152	7	178				
6005C	5	94 ¹ / ₂	2.400	6	152	7 ¹ / ₂	191	3	76	3 ³ / ₄	95	³ / ₄	19	10 ¹ / ₄	260
6005D	5	97 ⁷ / ₈	2.486	7	178	8 ¹ / ₂	216	3 ¹ / ₂	89	4 ¹ / ₄	108	³ / ₄	19	10 ¹ / ₄	260
6005E	5	105 ³ / ₈	2.677	8	203	10	254	4	102	5	127	³ / ₄	19	10 ³ / ₄	273
6005G	5	116 ⁷ / ₈	2.969	10	254	12	305	5	127	6	152	³ / ₄	19	11 ³ / ₄	299
6005I	5	116 ³ / ₄	2.965	12	305	14	356	6	152	7	178	³ / ₄	19	15 ³ / ₈	391
Non-standard Pilaster Shafts															
3427	3	38 ¹ / ₄	0.972	4 ³ / ₈	111			1	25			³ / ₈	10	³ / ₈	10
6502	3	88 ³ / ₄	2.254	6	152			1 ¹ / ₂	38			³ / ₄	10	7	178
6503	3	90 ¹ / ₂	2.299	6	152			1 ¹ / ₄	32			1 ¹ / ₂	38	15 ⁷ / ₈	403
6506	3	97	2.464	8	203			1 ¹ / ₄	32			1 ³ / ₄	44	16	406
6507	3	91 ³ / ₄	2.330	8	203			1 ³ / ₄	44			³ / ₄	19	1 ¹ / ₂	38
6508	3	80	2.032	9	229			1 ¹ / ₄	32			³ / ₄	19	11 ¹ / ₄	286
6509	3	82 ¹ / ₈	2.086	9	229			1 ¹ / ₂	38			1	25	1	25
6510	3	91 ³ / ₄	2.330	9	229			1 ¹ / ₄	32			1 ¹ / ₂	13	³ / ₄	19
6511	3	80	2.032	10	254			2	51			1 ¹ / ₄	32	1 ³ / ₄	44
6512	3	85 ¹ / ₄	2.165	10 ⁷ / ₈	276			2 ¹ / ₂	64			1	25	1	25
6513	5	95 ³ / ₄	2.432	12	305	14	356	2 ¹ / ₂	64	3	76	⁵ / ₈	16	4 ³ / ₄	121

Installing Gypsum Columns & Pilasters

Installing a Pilaster

Pilasters are usually supplied as three separate pieces: a capital, the pilaster shaft, and a slip on base. The first step in installing a pilaster is to position and fasten a plinth in place. Plinths are usually made of hardwood and act to protect the pilaster from damage from cleaning utensils.

With the plinth in place, the pilaster shaft can be cut to height (at the bottom end). We recommend that it be



cut $\frac{1}{8}$ " shorter than the measured required height. Do not forget to allow for the height of the capital.

The pilaster shaft and capital are then placed in position. The pilaster can now be plumbed using two thin wedges between the bottom of the pilaster and the plinth. Once they are positioned, outline the capital and pilaster shaft with a pencil so that they can be taken down for the application of adhesive and later be easily repositioned.

Next, holes are drilled in the capital and pilaster shaft for the placement of drywall screws. Two screws per piece are usually sufficient. Screw holes should be countersunk sufficiently so that they can later be easily filled.

A gypsum adhesive, such as Sheetrock 90, made by United States Gypsum Company, is then applied to the back and bottom of the capital and the pilaster shaft. They are then returned to position and screwed in place.

The base can be slipped over the pilaster shaft after trimming the wedges. It is fastened in place with gypsum adhesive.

Once the adhesive has set, a sandable, paintable, non-shrinking filler is used to fill screw holes and blend joints. Pieces can be primed with any drywall primer/sealer and finished as desired with any latex or oil based paint.

Installing a Column

Columns are usually supplied as two separate pieces: a column consisting of a capital attached to a column shaft, and a slip on base. The first step in installing a column is to position and fasten a plinth in place. Plinths are usually made of hardwood and act to protect the column from damage from cleaning utensils.

With the plinth in place, the column shaft can be cut to height (at the bottom end). We recommend that it be cut $\frac{1}{8}$ " shorter than the measured required height.

Before the column can be placed in position, the base must be slipped on over the column shaft (in its proper orientation). The column can then be plumbed using three thin wedges between the bottom of the column and the plinth.

Next, holes are drilled in the capital and base for the placement of drywall screws. Screw holes should be countersunk enough that they can later be easily filled. In the capital, three or four screws should be angled upwards through the abacus of the capital into the ceiling. In the base, three holes should be angled downward into the plinth. A sandable, paintable, non-shrinking filler is used to fill screw holes and blend joints.