

# STONE LEGENDS

301 Pleasant Drive \* Dallas, TX 75217 \* Voice: 800-398-1199 \* Fax: 214-398-1293

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## Classical Column Technical Information

CompanyInfo DocID 1825

Editor: Peggy Jones

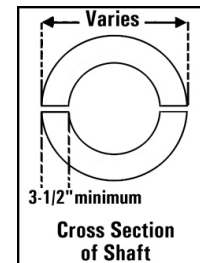
### Column Styles

Column styles are defined by shaft and base and designated by the capital. The Corinthian, Ionic, Scamozzi, Temple of the Winds and Verona styles all have slender shafts and use round Verona bases. The Tuscan and Doric styles have thicker shafts and use Tuscan bases. Photos of the column capitals and bases are shown with the dimensional information. For additional information and color photos, please see Stone Legends First Edition Catalog, Chapter 2: Columns & Pilasters.

### Basic Information

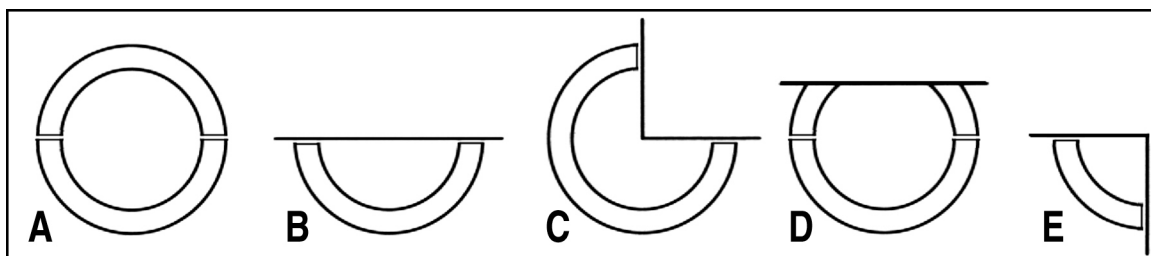
All of our standard column heights are in even foot increments. The listed overall heights include the necessary mortar joints at top and bottom for attachments. For example, a 10-foot column has an actual stone height of 9-feet 11<sup>1</sup>/<sub>4</sub>" + <sup>3</sup>/<sub>8</sub>" mortar joints at top and bottom.

Columns are either hollow and split vertically, or solid stacking sections, depending on the shaft size. Shafts of 12" in diameter and smaller are solid, in horizontal sections no more than 36" long. Shafts greater than 12" in diameter are hollow, split in half and installed by alternating vertical mortar joints. The charts show which columns are solid and hollow. If you need to change from the standard, talk to one of our sales technicians. Hollow shaft columns are often preferred by builders. Structurally, it allows for support to be installed early in the construction process. This allows later installation of the stone and helps prevent damage. If load bearing columns are required, the compressive strength of our columns is 6,000 psi. Heights of all standard columns can be adjusted slightly from those on the charts. Our sales technicians can tell you the additional charges required. When ordering, specify the style and exact height you need including the capital and base and we'll take care of the rest.



Above is a cross section of a typical hollow shaft. Minimum shaft wall thickness is 3<sup>1</sup>/<sub>2</sub>".

### Column Layouts Available



Whole columns and pilasters (half columns) are available as a standard layout, shown as plans A and B. Plans C, D and E are custom layouts and require special tooling. Illustrations are based on split/hollow sizes.

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## Corinthian Columns

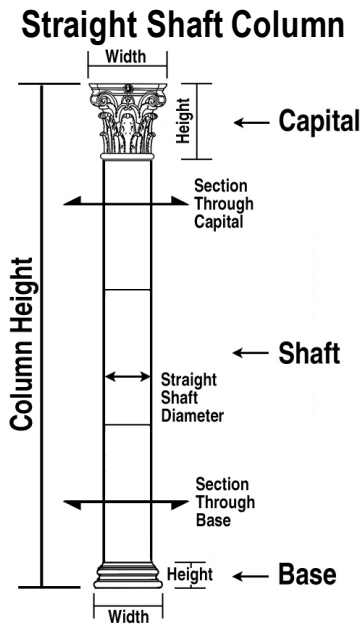


Corinthian Capital

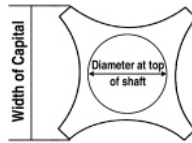


Verona Base

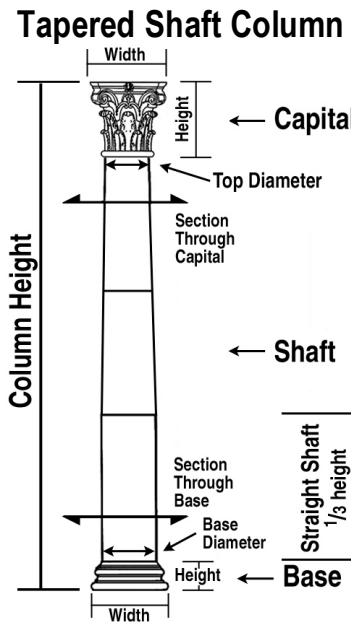
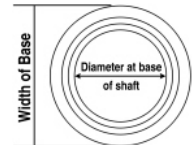
Corinthian columns are the most elaborate order of Greek architecture, distinguished by slender shafts and inverted bell shaped capitals, decorated with acanthus leaves and volutes. The ratio of the shaft base diameter (in inches) is approximately equal to 1.25 times the height (in feet) for tapered shaft columns and 1.0 for straight shaft columns. Shafts are available in smooth or fluted surface.



Section through Capital



Section through Base



	Solid					Split/Hollow						
<b>Straight &amp; Tapered Height (Ft)</b>	6	8	9	10	11	12	14	16	18	20	22	24
<b>Straight Shaft Diameter (In)</b>	6	8	9	10	11	12	14	16	18	20	22	24
<b>Tapered Shaft Bottom Diameter (In)</b>	7 <sup>1</sup> / <sub>2</sub>	10	11	12 <sup>1</sup> / <sub>2</sub>	14	15	17	20	22 <sup>1</sup> / <sub>2</sub>	25 <sup>1</sup> / <sub>2</sub>	27 <sup>1</sup> / <sub>2</sub>	30
<b>Tapered Shaft Top Diameter (In)</b>	6	8	9	10	11	12	14	16	18	20	22	24
<b>Straight &amp; Tapered Capital Height (In)</b>	8 <sup>7</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>4</sub>	14 <sup>3</sup> / <sub>4</sub>	16 <sup>1</sup> / <sub>4</sub>	17 <sup>3</sup> / <sub>4</sub>	20 <sup>11</sup> / <sub>16</sub>	23 <sup>11</sup> / <sub>16</sub>	26 <sup>5</sup> / <sub>8</sub>	29 <sup>5</sup> / <sub>8</sub>	32 <sup>1</sup> / <sub>2</sub>	35 <sup>1</sup> / <sub>2</sub>
<b>Straight &amp; Tapered Capital Width (In)</b>	9 <sup>3</sup> / <sub>4</sub>	13	14 <sup>5</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>4</sub>	18	19 <sup>1</sup> / <sub>2</sub>	23	26	29 <sup>1</sup> / <sub>4</sub>	32 <sup>1</sup> / <sub>2</sub>	35 <sup>3</sup> / <sub>4</sub>	39
<b>Straight Shaft Base Width (In)</b>	8 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>8</sub>	14	15 <sup>1</sup> / <sub>2</sub>	17	20	22 <sup>1</sup> / <sub>2</sub>	25 <sup>1</sup> / <sub>4</sub>	28	31 <sup>1</sup> / <sub>2</sub>	33 <sup>5</sup> / <sub>8</sub>
<b>Tapered Shaft Base Width (In)</b>	11 <sup>1</sup> / <sub>4</sub>	14	15 <sup>1</sup> / <sub>2</sub>	17 <sup>3</sup> / <sub>4</sub>	20	21	23 <sup>7</sup> / <sub>8</sub>	28	31 <sup>1</sup> / <sub>2</sub>	35 <sup>7</sup> / <sub>8</sub>	38 <sup>1</sup> / <sub>2</sub>	42
<b>Straight Shaft Base Height (In)</b>	3 <sup>3</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	5 <sup>5</sup> / <sub>16</sub>	5 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	10 <sup>9</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>4</sub>
<b>Tapered Shaft Base Height (In)</b>	4 <sup>1</sup> / <sub>4</sub>	5 <sup>5</sup> / <sub>16</sub>	5 <sup>13</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	9	10 <sup>9</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>2</sub>	14 <sup>9</sup> / <sub>16</sub>	15 <sup>7</sup> / <sub>8</sub>

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## Ionic Columns

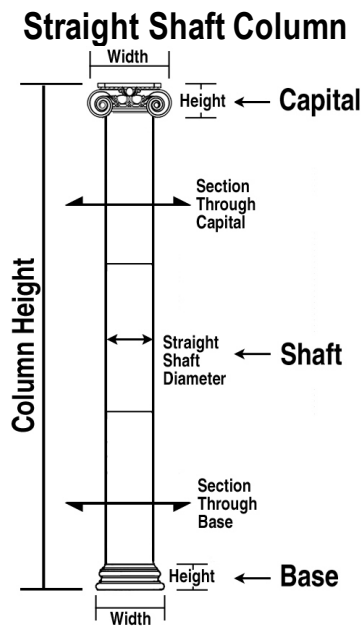
One of the three orders of columns developed by the Greeks, Ionic column capitals are rectangular and use highly decorated spiral volutes. The ratio of the shaft base diameter (in inches) is approximately equal to 1.25 times the height (in feet) for tapered shaft columns and 1.0 for straight shaft columns. Shafts are available in smooth or fluted surface.



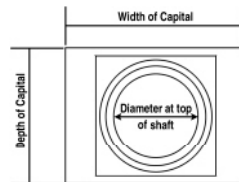
Ionic Capital



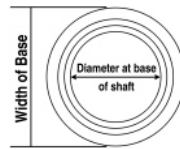
Verona Base



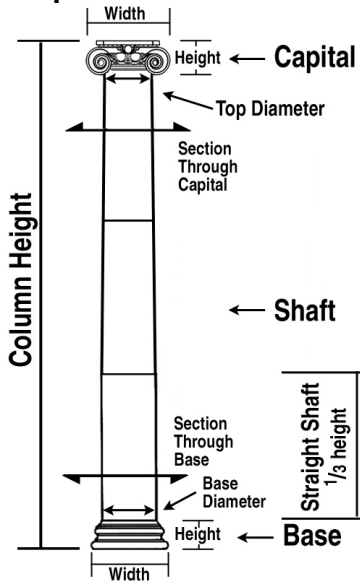
Section through Capital



Section through Base



### Tapered Shaft Column



Solid

Split/Hollow

	6	8	9	10	11	12	14	16	18	20	22	24
Straight & Tapered Height (Ft)	6	8	9	10	11	12	14	16	18	20	22	24
Straight Shaft Diameter (In)	6	8	9	10	11	12	14	16	18	20	22	24
Tapered Shaft Bottom Diameter (In)	7 <sup>1</sup> / <sub>2</sub>	10	11	12 <sup>1</sup> / <sub>2</sub>	14	15	17	20	22 <sup>1</sup> / <sub>2</sub>	25 <sup>1</sup> / <sub>2</sub>	27 <sup>1</sup> / <sub>2</sub>	30
Tapered Shaft Top Diameter (In)	6	8	9	10	11	12	14	16	18	20	22	24
Straight & Tapered Capital Height (In)	3 <sup>9</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>8</sub>	5 <sup>3</sup> / <sub>4</sub>	6 <sup>1</sup> / <sub>4</sub>	6 <sup>3</sup> / <sub>4</sub>	8	9	10 <sup>1</sup> / <sub>4</sub>	11 <sup>3</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>2</sub>	13 <sup>5</sup> / <sub>8</sub>
Straight & Tapered Capital Width (In)	10	13 <sup>1</sup> / <sub>2</sub>	15	16 <sup>1</sup> / <sub>2</sub>	18 <sup>1</sup> / <sub>4</sub>	20	23 <sup>1</sup> / <sub>4</sub>	26 <sup>1</sup> / <sub>2</sub>	30	33 <sup>1</sup> / <sub>4</sub>	36 <sup>1</sup> / <sub>2</sub>	39 <sup>3</sup> / <sub>4</sub>
Straight & Tapered Capital Depth (In)	6 <sup>5</sup> / <sub>8</sub>	8 <sup>3</sup> / <sub>4</sub>	9 <sup>7</sup> / <sub>8</sub>	11	12	13 <sup>1</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>8</sub>	17 <sup>5</sup> / <sub>8</sub>	19 <sup>3</sup> / <sub>4</sub>	21 <sup>7</sup> / <sub>8</sub>	24	26 <sup>1</sup> / <sub>8</sub>
Straight Shaft Base Width (In)	8 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>8</sub>	14	15 <sup>1</sup> / <sub>2</sub>	17	20	22 <sup>1</sup> / <sub>2</sub>	25 <sup>1</sup> / <sub>4</sub>	28	31 <sup>1</sup> / <sub>2</sub>	33 <sup>5</sup> / <sub>8</sub>
Tapered Shaft Base Width (In)	11 <sup>1</sup> / <sub>4</sub>	14	15 <sup>1</sup> / <sub>2</sub>	17 <sup>3</sup> / <sub>4</sub>	20	21	23 <sup>7</sup> / <sub>8</sub>	28	31 <sup>1</sup> / <sub>2</sub>	35 <sup>7</sup> / <sub>8</sub>	38 <sup>1</sup> / <sub>2</sub>	42
Straight Shaft Base Height (In)	3 <sup>3</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	5 <sup>5</sup> / <sub>16</sub>	5 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	10 <sup>9</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>4</sub>
Tapered Shaft Base Height (In)	4 <sup>1</sup> / <sub>4</sub>	5 <sup>5</sup> / <sub>16</sub>	5 <sup>13</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	9	10 <sup>9</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>2</sub>	14 <sup>9</sup> / <sub>16</sub>	15 <sup>7</sup> / <sub>8</sub>

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## Scamozzi Columns

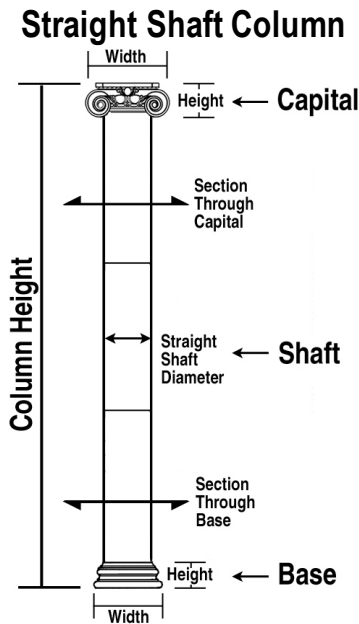


Scamozzi Capital

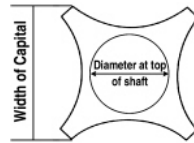


Verona Base

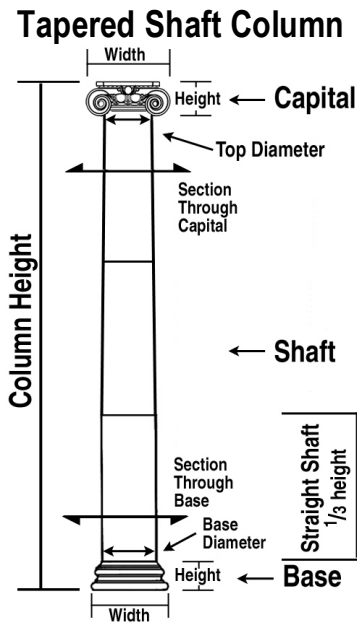
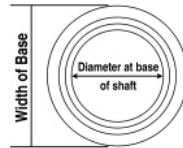
The Scamozzi is an Ionic style developed in Renaissance Italy with slender shafts, and capitals that use ornamental scrolls (spiral volutes). The ratio of the shaft base diameter (in inches) is approximately equal to 1.25 times the height (in feet) for tapered shaft columns and 1.0 for straight shaft columns. Shafts are available in smooth or fluted surface.



Section through Capital



Section through Base



	Solid					Split/Hollow						
Straight & Tapered Height (Ft)	6	8	9	10	11	12	14	16	18	20	22	24
Straight Shaft Diameter (In)	6	8	9	10	11	12	14	16	18	20	22	24
Tapered Shaft Bottom Diameter (In)	7 <sup>1</sup> / <sub>2</sub>	10	11	12 <sup>1</sup> / <sub>2</sub>	14	15	17	20	22 <sup>1</sup> / <sub>2</sub>	25 <sup>1</sup> / <sub>2</sub>	27 <sup>1</sup> / <sub>2</sub>	30
Tapered Shaft Top Diameter (In)	6	8	9	10	11	12	14	16	18	20	22	24
Straight & Tapered Capital Height (In)	3 <sup>9</sup> / <sub>16</sub>	4 <sup>3</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>8</sub>	5 <sup>3</sup> / <sub>4</sub>	6 <sup>1</sup> / <sub>4</sub>	6 <sup>3</sup> / <sub>4</sub>	8	9	10 <sup>1</sup> / <sub>4</sub>	11 <sup>3</sup> / <sub>8</sub>	12 <sup>1</sup> / <sub>2</sub>	13 <sup>5</sup> / <sub>8</sub>
Straight & Tapered Capital Width (In)	10	13 <sup>1</sup> / <sub>2</sub>	15	16 <sup>1</sup> / <sub>2</sub>	18 <sup>1</sup> / <sub>4</sub>	20	23 <sup>1</sup> / <sub>4</sub>	26 <sup>1</sup> / <sub>2</sub>	30	33 <sup>1</sup> / <sub>4</sub>	36 <sup>1</sup> / <sub>2</sub>	39 <sup>3</sup> / <sub>4</sub>
Straight Shaft Base Width (In)	8 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>8</sub>	14	15 <sup>1</sup> / <sub>2</sub>	17	20	22 <sup>1</sup> / <sub>2</sub>	25 <sup>1</sup> / <sub>4</sub>	28	31 <sup>1</sup> / <sub>2</sub>	33 <sup>5</sup> / <sub>8</sub>
Tapered Shaft Base Width (In)	11 <sup>1</sup> / <sub>4</sub>	14	15 <sup>1</sup> / <sub>2</sub>	17 <sup>3</sup> / <sub>4</sub>	20	21	23 <sup>7</sup> / <sub>8</sub>	28	31 <sup>1</sup> / <sub>2</sub>	35 <sup>7</sup> / <sub>8</sub>	38 <sup>1</sup> / <sub>2</sub>	42
Straight Shaft Base Height (In)	3 <sup>3</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	5 <sup>5</sup> / <sub>16</sub>	5 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	10 <sup>9</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>4</sub>
Tapered Shaft Base Height (In)	4 <sup>1</sup> / <sub>4</sub>	5 <sup>5</sup> / <sub>16</sub>	5 <sup>13</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	9	10 <sup>9</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>2</sub>	14 <sup>9</sup> / <sub>16</sub>	15 <sup>7</sup> / <sub>8</sub>

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## Temple of the Winds Columns

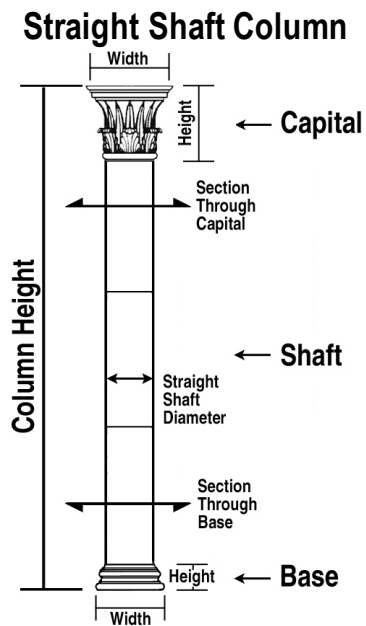


Temple of the Winds Capital

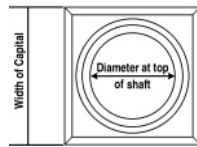


Verona Base

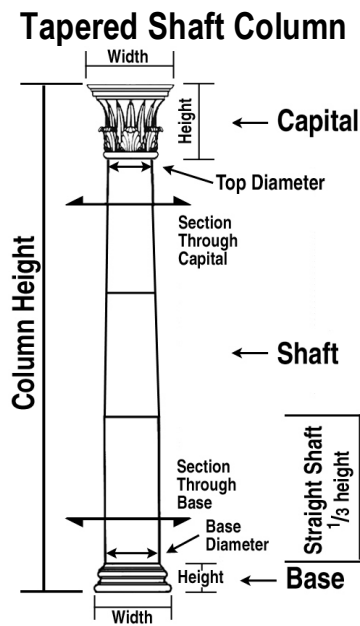
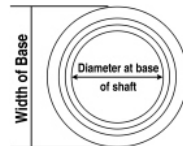
Temple of the Winds columns are beautifully decorative, using acanthus and other leaves to support the top. The ratio of the shaft base diameter (in inches) is approximately equal to 1.25 times the height (in feet) for tapered shaft columns and 1.0 for straight shaft columns. Shafts are available in smooth or fluted surface.



Section through Capital



Section through Base



### Solid

### Split/Hollow

	6	8	9	10	11	12	14	16	18	20	22	24
Straight & Tapered Height (Ft)	6	8	9	10	11	12	14	16	18	20	22	24
Straight Shaft Diameter (In)	6	8	9	10	11	12	14	16	18	20	22	24
Tapered Shaft Bottom Diameter (In)	7 <sup>1</sup> / <sub>2</sub>	10	11	12 <sup>1</sup> / <sub>2</sub>	14	15	17	20	22 <sup>1</sup> / <sub>2</sub>	25 <sup>1</sup> / <sub>2</sub>	27 <sup>1</sup> / <sub>2</sub>	30
Tapered Shaft Top Diameter (In)	6	8	9	10	11	12	14	16	18	20	22	24
Straight & Tapered Capital Height (In)	8 <sup>7</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>8</sub>	15	16 <sup>1</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>8</sub>	20 <sup>1</sup> / <sub>2</sub>	23 <sup>1</sup> / <sub>2</sub>	26 <sup>3</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>4</sub>	32 <sup>1</sup> / <sub>4</sub>	35 <sup>1</sup> / <sub>8</sub>
Straight & Tapered Capital Width (In)	11 <sup>1</sup> / <sub>4</sub>	15	17	19 <sup>1</sup> / <sub>2</sub>	20 <sup>3</sup> / <sub>4</sub>	21 <sup>3</sup> / <sub>4</sub>	26 <sup>3</sup> / <sub>8</sub>	30 <sup>1</sup> / <sub>8</sub>	33 <sup>7</sup> / <sub>8</sub>	37 <sup>5</sup> / <sub>8</sub>	41 <sup>3</sup> / <sub>8</sub>	45 <sup>1</sup> / <sub>8</sub>
Straight Shaft Base Width (In)	8 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>8</sub>	14	15 <sup>1</sup> / <sub>2</sub>	17	20	22 <sup>1</sup> / <sub>2</sub>	25 <sup>1</sup> / <sub>4</sub>	28	31 <sup>1</sup> / <sub>2</sub>	33 <sup>5</sup> / <sub>8</sub>
Tapered Shaft Base Width (In)	11 <sup>1</sup> / <sub>4</sub>	14	15 <sup>1</sup> / <sub>2</sub>	17 <sup>3</sup> / <sub>4</sub>	20	21	23 <sup>7</sup> / <sub>8</sub>	28	31 <sup>1</sup> / <sub>2</sub>	35 <sup>7</sup> / <sub>8</sub>	38 <sup>1</sup> / <sub>2</sub>	42
Straight Shaft Base Height (In)	3 <sup>3</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	5 <sup>5</sup> / <sub>16</sub>	5 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	10 <sup>9</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>4</sub>
Tapered Shaft Base Height (In)	4 <sup>1</sup> / <sub>4</sub>	5 <sup>5</sup> / <sub>16</sub>	5 <sup>13</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	9	10 <sup>9</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>2</sub>	14 <sup>9</sup> / <sub>16</sub>	15 <sup>7</sup> / <sub>8</sub>

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## Verona Columns

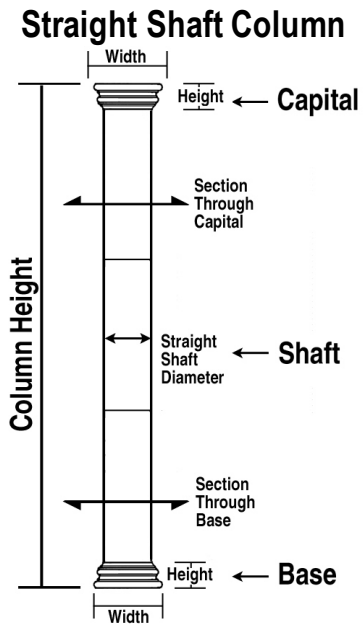
Verona columns are not of any particular architectural order. They have slender shafts similar to the Corinthian and Scamozzi styles, with an undecorated capital for a simple clean look. The ratio of the shaft base diameter (in inches) is approximately equal to 1.25 times the height (in feet) for tapered shaft columns and 1.0 for straight shaft columns. Shafts are available in smooth or fluted surface.



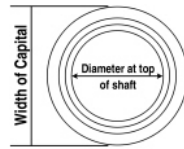
Verona Capital



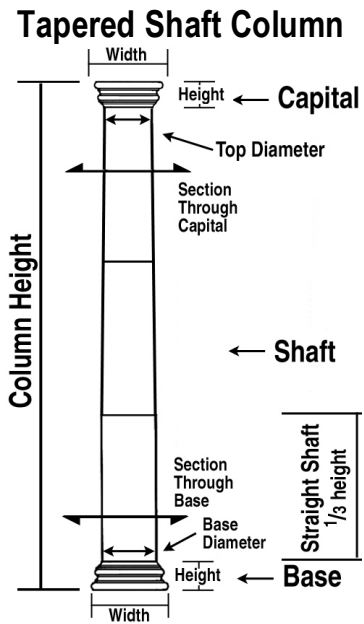
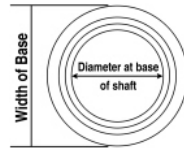
Verona Base



Section through Capital



Section through Base



	Solid					Split/Hollow						
Straight & Tapered Height (Ft)	6	8	9	10	11	12	14	16	18	20	22	24
Straight Shaft Diameter (In)	6	8	9	10	11	12	14	16	18	20	22	24
Tapered Shaft Bottom Diameter (In)	7 <sup>1</sup> / <sub>2</sub>	10	11	12 <sup>1</sup> / <sub>2</sub>	14	15	17	20	22 <sup>1</sup> / <sub>2</sub>	25 <sup>1</sup> / <sub>2</sub>	27 <sup>1</sup> / <sub>2</sub>	30
Tapered Shaft Top Diameter (In)	6	8	9	10	11	12	14	16	18	20	22	24
Straight & Tapered Capital Height (In)	3 <sup>9</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	5 <sup>5</sup> / <sub>16</sub>	5 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	10 <sup>9</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>4</sub>
Straight & Tapered Capital Width (In)	8 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>8</sub>	14	15 <sup>1</sup> / <sub>2</sub>	17	20	22 <sup>1</sup> / <sub>2</sub>	25 <sup>1</sup> / <sub>4</sub>	28	31 <sup>1</sup> / <sub>2</sub>	33 <sup>5</sup> / <sub>8</sub>
Straight Shaft Base Width (In)	8 <sup>1</sup> / <sub>2</sub>	11 <sup>1</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>8</sub>	14	15 <sup>1</sup> / <sub>2</sub>	17	20	22 <sup>1</sup> / <sub>2</sub>	25 <sup>1</sup> / <sub>4</sub>	28	31 <sup>1</sup> / <sub>2</sub>	33 <sup>5</sup> / <sub>8</sub>
Tapered Shaft Base Width (In)	11 <sup>1</sup> / <sub>4</sub>	14	15 <sup>1</sup> / <sub>2</sub>	17 <sup>3</sup> / <sub>4</sub>	20	21	23 <sup>7</sup> / <sub>8</sub>	28	31 <sup>1</sup> / <sub>2</sub>	35 <sup>7</sup> / <sub>8</sub>	38 <sup>1</sup> / <sub>2</sub>	42
Straight Shaft Base Height (In)	3 <sup>3</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	4 <sup>3</sup> / <sub>4</sub>	5 <sup>5</sup> / <sub>16</sub>	5 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	10 <sup>9</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>4</sub>
Tapered Shaft Base Height (In)	4 <sup>1</sup> / <sub>4</sub>	5 <sup>5</sup> / <sub>16</sub>	5 <sup>13</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	7 <sup>7</sup> / <sub>8</sub>	9	10 <sup>9</sup> / <sub>16</sub>	11 <sup>3</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>2</sub>	14 <sup>9</sup> / <sub>16</sub>	15 <sup>7</sup> / <sub>8</sub>

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## Roman Doric Columns

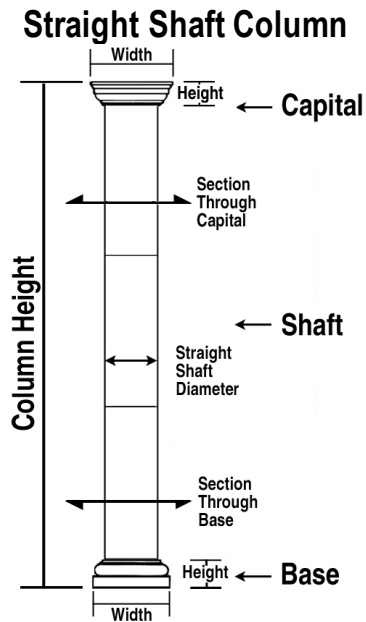


Doric Capital

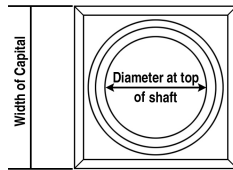


Tuscan Base

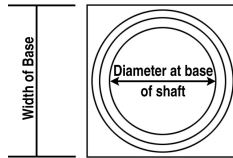
Roman Doric columns are quite classical in the Roman order of architecture. They have simple lines, heavy shafts and undecorated capitals. The ratio of the shaft base diameter (in inches) is approximately equal to 1.5 times the height (in feet) for tapered shaft columns and 1.28 for straight shaft columns. Shafts are available in smooth or fluted surface.



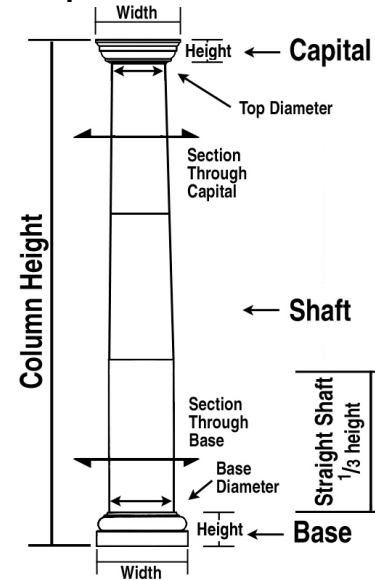
Section through Capital



Section through Base



### Tapered Shaft Column



	Solid			Split/Hollow								
Straight & Tapered Height (Ft)	6	8	9	10	11	12	14	16	18	20	22	24
Straight Shaft Diameter (In)	7 <sup>3</sup> / <sub>4</sub>	10 <sup>1</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>2</sub>	12 <sup>3</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>2</sub>	18	20 <sup>5</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>4</sub>	26	28 <sup>3</sup> / <sub>8</sub>	31
Tapered Shaft Bottom Diameter (In)	9	12	13 <sup>1</sup> / <sub>2</sub>	15	16 <sup>1</sup> / <sub>2</sub>	18	21	24	27	30	33	36
Tapered Shaft Top Diameter (In)	7 <sup>3</sup> / <sub>4</sub>	10 <sup>1</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>2</sub>	12 <sup>3</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>2</sub>	18	20 <sup>5</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>4</sub>	26	28 <sup>3</sup> / <sub>8</sub>	31
Straight & Tapered Capital Height (In)	3	4	4 <sup>1</sup> / <sub>2</sub>	5	5 <sup>9</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>8</sub>	7 <sup>3</sup> / <sub>16</sub>	8 <sup>5</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>4</sub>	10 <sup>3</sup> / <sub>4</sub>	11 <sup>9</sup> / <sub>16</sub>	12 <sup>3</sup> / <sub>8</sub>
Straight & Tapered Capital Width (In)	11 <sup>5</sup> / <sub>8</sub>	15 <sup>3</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>4</sub>	19 <sup>1</sup> / <sub>8</sub>	21 <sup>3</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>4</sub>	27	31	34 <sup>7</sup> / <sub>8</sub>	39	42 <sup>1</sup> / <sub>2</sub>	46 <sup>1</sup> / <sub>2</sub>
Straight Shaft Base Width (In)	11	14 <sup>1</sup> / <sub>2</sub>	17	18 <sup>1</sup> / <sub>8</sub>	20 <sup>1</sup> / <sub>4</sub>	21 <sup>1</sup> / <sub>4</sub>	25 <sup>1</sup> / <sub>2</sub>	29 <sup>3</sup> / <sub>4</sub>	33	36 <sup>7</sup> / <sub>8</sub>	40 <sup>1</sup> / <sub>4</sub>	43 <sup>7</sup> / <sub>8</sub>
Tapered Shaft Base Width (In)	12 <sup>3</sup> / <sub>4</sub>	17	19 <sup>1</sup> / <sub>4</sub>	21 <sup>1</sup> / <sub>4</sub>	23 <sup>3</sup> / <sub>8</sub>	25 <sup>1</sup> / <sub>2</sub>	29 <sup>3</sup> / <sub>4</sub>	34	38 <sup>1</sup> / <sub>4</sub>	42 <sup>1</sup> / <sub>2</sub>	46 <sup>3</sup> / <sub>4</sub>	51
Straight Shaft Base Height (In)	4 <sup>1</sup> / <sub>8</sub>	5 <sup>3</sup> / <sub>8</sub>	6 <sup>7</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>5</sup> / <sub>8</sub>	8	9 <sup>1</sup> / <sub>2</sub>	11	12 <sup>7</sup> / <sub>16</sub>	13 <sup>7</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>2</sub>
Tapered Shaft Base Height (In)	4 <sup>3</sup> / <sub>4</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>4</sub>	8	8 <sup>7</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>2</sub>	11	12 <sup>3</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>2</sub>	16	17 <sup>5</sup> / <sub>8</sub>	19 <sup>1</sup> / <sub>4</sub>

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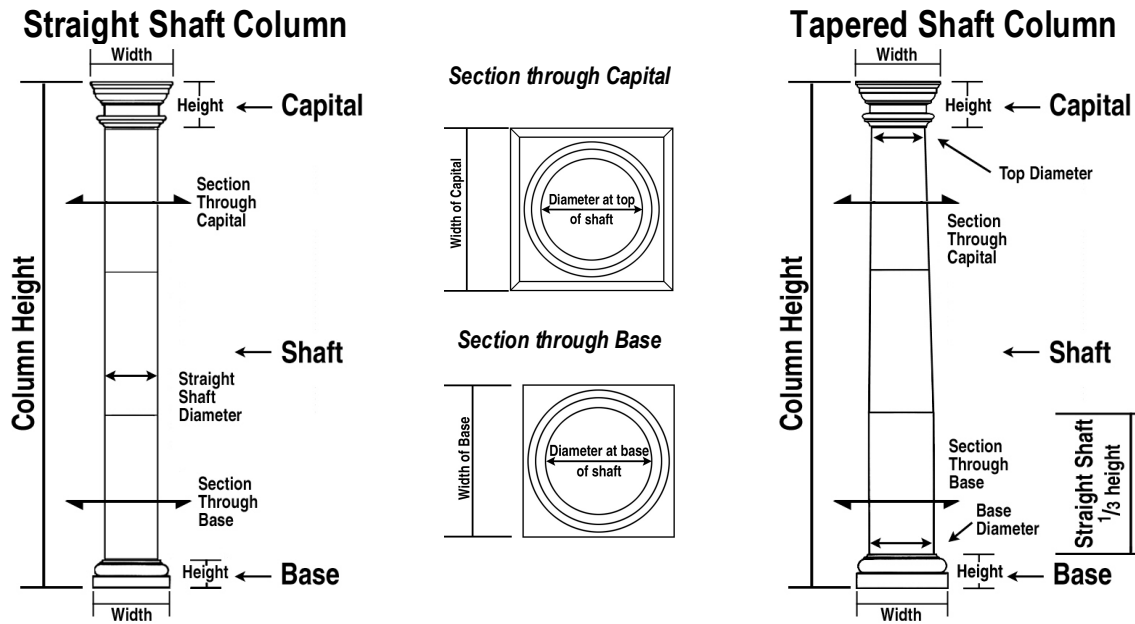
## Tuscan Columns



Tuscan Capital

Tuscan Base

Tuscan columns are from the Roman order of architecture and have a heaviness to their shafts and simple, ring-like capitals with no decoration. The ratio of the shaft base diameter (in inches) is approximately equal to 1.5 times the height (in feet) for tapered shaft columns and 1.28 for straight shaft columns. Shafts are available in smooth or fluted surface.



	Solid			Split/Hollow								
Straight & Tapered Height (Ft)	6	8	9	10	11	12	14	16	18	20	22	24
Straight Shaft Diameter (In)	7 <sup>3</sup> / <sub>4</sub>	10 <sup>1</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>2</sub>	12 <sup>3</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>2</sub>	18	20 <sup>5</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>4</sub>	26	28 <sup>3</sup> / <sub>8</sub>	31
Tapered Shaft Bottom Diameter (In)	9	12	13 <sup>1</sup> / <sub>2</sub>	15	16 <sup>1</sup> / <sub>2</sub>	18	21	24	27	30	33	36
Tapered Shaft Top Diameter (In)	7 <sup>3</sup> / <sub>4</sub>	10 <sup>1</sup> / <sub>4</sub>	11 <sup>1</sup> / <sub>2</sub>	12 <sup>3</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>2</sub>	18	20 <sup>5</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>4</sub>	26	28 <sup>3</sup> / <sub>8</sub>	31
Straight & Tapered Capital Height (In)	6 <sup>1</sup> / <sub>4</sub>	8 <sup>1</sup> / <sub>4</sub>	9 <sup>5</sup> / <sub>16</sub>	10 <sup>5</sup> / <sub>16</sub>	11 <sup>7</sup> / <sub>16</sub>	12 <sup>1</sup> / <sub>2</sub>	14 <sup>9</sup> / <sub>16</sub>	16 <sup>11</sup> / <sub>16</sub>	18 <sup>3</sup> / <sub>4</sub>	21 <sup>1</sup> / <sub>8</sub>	22 <sup>15</sup> / <sub>16</sub>	24 <sup>3</sup> / <sub>4</sub>
Straight & Tapered Capital Width (In)	11 <sup>5</sup> / <sub>8</sub>	15 <sup>3</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>4</sub>	19 <sup>1</sup> / <sub>8</sub>	21 <sup>3</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>4</sub>	27	31	34 <sup>7</sup> / <sub>8</sub>	39	42 <sup>1</sup> / <sub>2</sub>	46 <sup>1</sup> / <sub>2</sub>
Straight Shaft Base Width (In)	11	14 <sup>1</sup> / <sub>2</sub>	17	18 <sup>1</sup> / <sub>8</sub>	20 <sup>1</sup> / <sub>4</sub>	21 <sup>1</sup> / <sub>4</sub>	25 <sup>1</sup> / <sub>2</sub>	29 <sup>3</sup> / <sub>4</sub>	33	36 <sup>7</sup> / <sub>8</sub>	40 <sup>1</sup> / <sub>4</sub>	43 <sup>7</sup> / <sub>8</sub>
Tapered Shaft Base Width (In)	12 <sup>3</sup> / <sub>4</sub>	17	19 <sup>1</sup> / <sub>4</sub>	21 <sup>1</sup> / <sub>4</sub>	23 <sup>3</sup> / <sub>8</sub>	25 <sup>1</sup> / <sub>2</sub>	29 <sup>3</sup> / <sub>4</sub>	34	38 <sup>1</sup> / <sub>4</sub>	42 <sup>1</sup> / <sub>2</sub>	46 <sup>3</sup> / <sub>4</sub>	51
Straight Shaft Base Height (In)	4 <sup>1</sup> / <sub>8</sub>	5 <sup>3</sup> / <sub>8</sub>	6 <sup>7</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>5</sup> / <sub>8</sub>	8	9 <sup>1</sup> / <sub>2</sub>	11	12 <sup>7</sup> / <sub>16</sub>	13 <sup>7</sup> / <sub>8</sub>	15 <sup>1</sup> / <sub>8</sub>	16 <sup>1</sup> / <sub>2</sub>
Tapered Shaft Base Height (In)	4 <sup>3</sup> / <sub>4</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>4</sub>	8	8 <sup>7</sup> / <sub>8</sub>	9 <sup>1</sup> / <sub>2</sub>	11	12 <sup>3</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>2</sub>	16	17 <sup>5</sup> / <sub>8</sub>	19 <sup>1</sup> / <sub>4</sub>