Shapes Guide

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Triangle Brick

Triangle Brick has put together this special shapes guide to help you decide what shapes will work best with your design. In addition to the specific dimensions and shapes illustrated, we’ve included a number of illustrated shape usage examples to give you an idea of how other builders have used brick as the main ingredient in their buildings and as creative accents around the exterior of the home.

Custom Shapes

The illustrations in this shapes guide represent a variety of shapes to enhance your design. The most commonly used special shapes are shown in this guide, but if you can imagine it, we can probably design it. Send us your custom-designed shape drawing with dimensions and sizes you need. We will examine the drawing and advise what can be done.

To order any of the shapes illustrated in this guide, simply identify the specific brick shape by the number indicated and use the number when ordering. Include the type, size and any other important information about the brick you request. The shapes in this guide and custom orders cannot be canceled once production has begun.

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All brick units marketed by Triangle Brick Company meet 4” modular design requirements and all relevant ASTM specifications for clay brick masonry.
Brick Arches and Keys

There is something rather grand and stately about an arch, and brick arches are especially elegant. Arches can be built in several different shapes and styles to give windows and doorways a graceful, finished look. Visually uplifting, arches serve to beckon and welcome.

Arches can be simple and understated or bold and dramatic. Keys are a classic feature of some types of arches, and they can help create a sense of tradition and substance. The smooth surfaces contrast beautifully with the textures of surrounding brick.
The length of the masonry opening can be sized to suit your building plans.

AR-1
Jack Arch
3 Course—1 Piece

AR-2
Jack Arch
4 Course—2 Piece

AR-3
Jack Arch
5 Course—2 & 3 Piece

Semicircular Arch

Specify vane length of either 9” or 7⅝” when using engineer size.

AR-4
One Piece

AR-5
Two Piece
BRICK ARCHES

Customer to specify either the rise or radius as well as the masonry opening.

The radii of an elliptical must be specified.
ARCHES WITH KEYS

Jack Arch
3 Course—1 Piece with Standard Key

60° Skew Angle
Modular Brick Size

Jack Arch
4 Course—2 Piece with Queen Key

60° Skew Angle
Engineer Brick Size

Jack Arch
4 Course—2 Piece with King Key

60° Skew Angle
Engineer Brick Size

Jack Arch
3 Course—1 Piece with Mini Key

60° Skew Angle
Modular Brick Size

New Concept Arch—NCAO
4 Course Arch with Queen Key

76° Skew Angle
Engineer Brick Size

New Concept Arch—NCAS
4 Course Arch with Standard Key

76° Skew Angle
Modular Brick Size

AR102
Standard Concrete Key

AR103
Queen Concrete Key

AR104
King Concrete Key

AR105
Mini Concrete Key
Ogee Treads and Sills

Ogee bricks give treads and sills a soft, smooth finish and a look of refined elegance. They speak of quality, gentility and the pride of craftsmanship. The smooth, rounded edges of ogee treads can turn outdoor steps into a gracious, inviting entrance.

Ogee sills lend the same aesthetic enhancement to windows, giving them a firm foundation on which to rest. The soft edges and horizontal lines of ogee sills are accent features that add depth and definition.
OGEE TREADS

Dimension Table

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<tr>
<td>Engineer</td>
<td>2¾&quot;</td>
<td>3⅛&quot;</td>
<td>7⅝&quot;</td>
</tr>
</tbody>
</table>

*Ogee Rowlock is approx (Modular) 5 and (Engineer) 4 per linear foot

*Ogee Header is approx 3 per linear foot
Ogee Rowlock Sill and Sill Return Usage

Ogee Header Sill and Sill Return Usage

Dimension Table

<table>
<thead>
<tr>
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<tbody>
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<tr>
<td>Engineer</td>
<td>2³⁄₄&quot;</td>
<td>3⅛&quot;</td>
<td>7½&quot;</td>
</tr>
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</table>

*Ogee Rowlock Sill is approx (Modular) 5 and (Engineer) 4 per linear foot
*Ogee Header Sill is approx 3 per linear foot

Remember when ordering sill returns, order both left and right returns. (Shown here as right hand return.)
Watertables, Radials and Angles

Once a functional element in building design, watertables are now used to enhance visual appeal by adding depth and detail. Watertables can be simple or elaborate to match the size and design of the building.

Radial bricks, with their gently curved surfaces, are used to create circular columns or serpentine walls. Radials form brickwork with smooth, sweeping curves, uninterrupted by sharp angles or jagged edges.

Angle bricks allow brickwork to change course without a mortar joint at every turn. They give meandering walls a natural, flowing look.
**OGEE WATERTABLE BRICK**

**Dimension Table**

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<td>7⅝&quot;</td>
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</table>

*Ogee Watertable Header is approx 3 per linear foot
*Ogee Watertable Stretcher is approx 1.5 per linear foot

**Ogee Watertable Header, Outside Corner and Inside Corner Usage**

**Ogee Watertable Stretcher, Stretcher Outside Return and Inside Corner Usage**

Specify left or right return.
**Cove Watertable Brick**

**Dimension Table**

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<th>C</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>Engineer</td>
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<td>3¾&quot;</td>
<td>7½&quot;</td>
</tr>
</tbody>
</table>

*Cove Header is approx 3 per linear foot
*Cove Stretcher is approx 1.5 per linear foot

**Cove Header, Outside Corner and Inside Corner Usage**

**Cove Stretcher, Outside Return and Inside Corner Usage**

**WCo-H1**
**Cove Header***

**WCo-IC**
**Cove Inside Corner**

**WCo-OC**
**Cove Outside Corner**

**WCo-S1**
**Cove Stretcher***

**WCo-OR**
**Cove Stretcher Outside Return**

Specify left or right return (shown here as right hand return).
**BEVELED WATERTABLE BRICK**

**WBe-H1**
Beveled Header*

**WBe-IC**
Beveled Header
Inside Corner

**WBe-OC**
Beveled Header
Outside Corner

**WBe-S1**
Beveled Stretcher*

**WBe-OR**
Beveled Stretcher
Outside Return

**Dimension Table**

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<tr>
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<th>A</th>
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<th>C</th>
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<tr>
<td>Engineer</td>
<td>2 ¼&quot;</td>
<td>3 ⅛&quot;</td>
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</table>

*Beveled Header is approx 3 per linear foot

*Beveled Stretcher is approx 1.5 per linear foot

Specify left or right return (shown here as left hand return).

**Beveled Header, Inside Corner and Outside Corner Usage**

**Beveled Stretcher, Inside Corner and Outside Return Usage**
**Dimension Table**

<table>
<thead>
<tr>
<th></th>
<th>A</th>
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<th>C</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>Engineer</td>
<td>2 ⅝”</td>
<td>3 ⅛&quot;</td>
<td>7 ⅜&quot;</td>
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*Bullnose Header is approx 3 per linear foot

*Bullnose Stretcher is approx 1.5 per linear foot

**Bullnose Header, Inside Corner and Outside Corner Usage**

**Bullnose Stretcher, Inside Corner and Outside Return Usage**

**Specify left or right return (shown here as left hand return).**
Radial Stretcher Usage
The radius of the curve of the brick units can be sized to fit your building plans.

Angle Brick Usage
The angle of the brick units can be made to suit your building plans. A standard angle is 45°.

**Dimension Table**

<table>
<thead>
<tr>
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</thead>
<tbody>
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<tr>
<td>Engineer</td>
<td>2¾&quot;</td>
<td>3⅛&quot;</td>
<td>7⅝&quot;</td>
</tr>
</tbody>
</table>

**RA-1 External Radial Stretcher**

**RA-2 Internal Radial Stretcher**

**AN-1 External Angle Unit**

**AN-2 Internal Angle Unit**
Bullnose Bricks and Wall Caps

Bullnose bricks are far more attractive than their name suggests. With ends that are rounded on one edge and square on the other, bullnose can enhance a variety of design features. They are often used to top off walls, giving them a soft, elegantly finished appearance.

The different shapes of brick wall caps can create a range of looks — from simple to stately to dressy. Ogee caps and bell caps, for example, soften corners and angles. Half-moon caps give walls a rounded top, and ridge caps have straight sides that slope away from a sharp peak.

The right brick cap can be a beautiful complement to any wall design.
**Bullnose Bricks**

**Dimension Table**

<table>
<thead>
<tr>
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<th>A</th>
<th>B</th>
<th>C</th>
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<tbody>
<tr>
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*Modular is approx 5 per linear foot
*Engineer is approx 4 per linear foot
# BULLNOSE BRICKS

## Dimension Table

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<th>A</th>
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<tbody>
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<td>Engineer</td>
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<td>3¾₁₆&quot;</td>
<td>7⁷₈₀&quot;</td>
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</tbody>
</table>

*Bullnose Header is approx 3 per linear foot

## Single Bullnose Header Usage

![Single Bullnose Header Usage](image)

## Bullnose Header Corner Usage

![Bullnose Header Corner Usage](image)

## Double Bullnose Header Usage

![Double Bullnose Header Usage](image)

## Double Bullnose Header Corner Usage

![Double Bullnose Header Corner Usage](image)

## Double Bullnose Rowlock Wall End Usage

![Double Bullnose Rowlock Wall End Usage](image)

## Double Bullnose Header Corner Wall End Usage

![Double Bullnose Header Corner Wall End Usage](image)
WALL CAPS

Ridge Wall Caps

WC-R1 Cap*
Cap and Cap Corner Usage

WC-R2 Cap Corner

WC-R3 Cap Wall End
Cap and Cap Wall Usage

Bell Wall Caps

WC-B1 Cap*
Cap and Cap Corner Usage

WC-B2 Cap Corner

WC-B3 Cap Wall End
Cap and Cap Wall End Usage

Half-Moon Wall Caps

WC-H1 Cap*
Cap and Cap Corner Usage

WC-H2 Cap Corner
Cap and Cap Wall End Usage

WC-H3 Cap Wall End

Ogee Post Caps

WC-01 Ogee Post Cap
Ogee Post Cap Usage

Dimension Table

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<td>3⅛&quot;</td>
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*Modular is approx 5 per linear foot
*Engineer is approx 4 per linear foot
MISCELLANEOUS

Angles and dimensions may vary slightly from specified dimension due to normal manufacturing conditions.

Dimension Table

<table>
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<tr>
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<th>C</th>
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<tbody>
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<tr>
<td>Engineer</td>
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</table>

*Roundnose Stretcher is approx 1.5 per linear foot
**Dimensions Table**

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Angle brick usage—the angle of the brick units can be made to suit your building plans.

*Sloped Soldier Sill is approx (Modular) 5 and (Engineer) 4 per linear foot.

**Dimensions Table**

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*Lipped Stretcher is approx (Modular, Engineer, and Closure) 1.5 and (Utility) 1 per linear foot.

**Dimensions Table**

<table>
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<th>A</th>
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<td>3(\frac{9}{16})&quot;</td>
<td>11(\frac{15}{16})&quot;</td>
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*Lipped Soldier is approx (Modular) 5 and (Engineer) 4 per linear foot.
**MISCELLANEOUS**

**FO-1**
4 Sided Finished Solid Brick
Solid brick finished on face, ends, and one flat side

**FA-1**
5 Sided Finished Solid Brick
Solid brick finished all around plus one flat side

**Dimension Table**

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STOCK SHAPES

Pricing on regular production stock shapes list.

**Dimension Table**

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Rowlock Wall Ends are non-stock items.