



# FENSA Volume Calculator User Manual

# FENSA - Volume Calculator

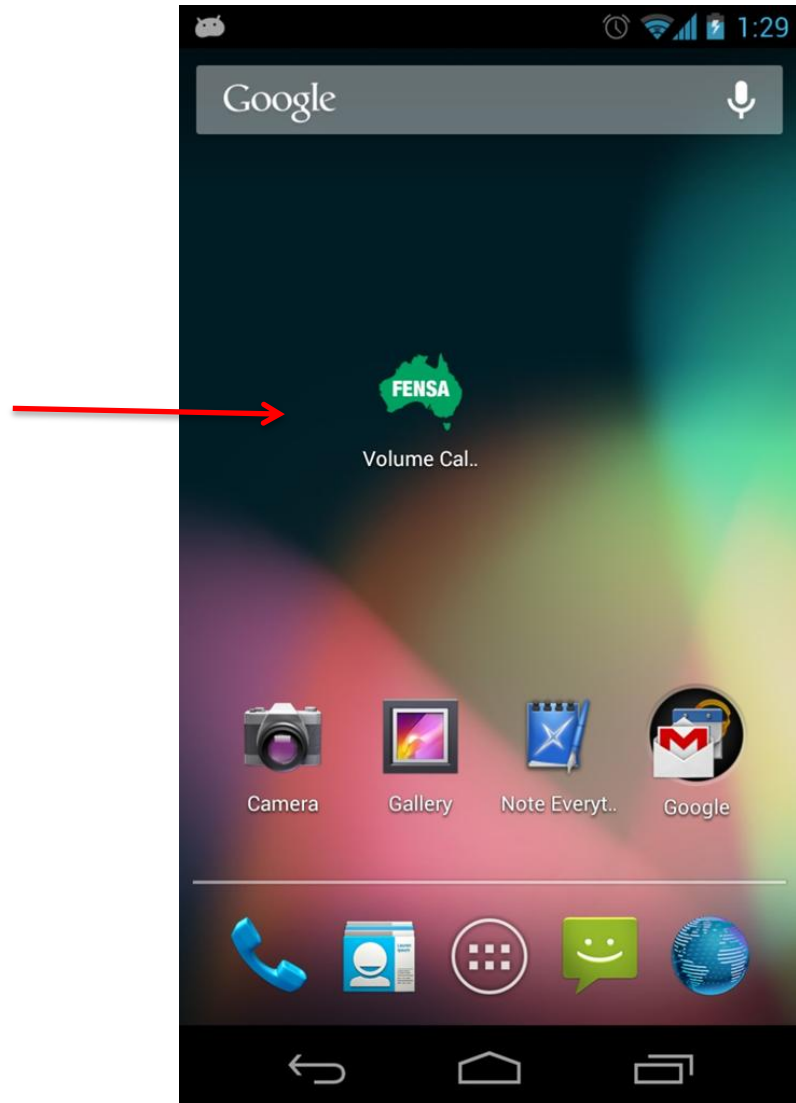


- Is a simple, but effective tool.
- Calculates the volume of material required to fill any size hole.
- Different from other Volume Calculators on the market
- FENSA Volume Calculator has been designed for the Fencer.
- Can be used to calculate the required volume in many scenarios;
  - ✓ Fence Post & Bollard footings,
  - ✓ House Stumps,
  - ✓ Concrete Slabs & Plinths,
  - ✓ Aggregate,
  - ✓ Sand

# FENSA - Volume Calculator

- Unique feature - Running total of multiple calculations.
- Calculate both hollow and solid uprights of various shapes.
- No more need to use  $\pi r$  squared.
- Available as an APP. for smartphone or tablet.
- Cost of APP. is **\$1.99 inc. GST**
- Android and iPhone version available now.
- Metric units for input [mm] and result [ $m^3$ ].

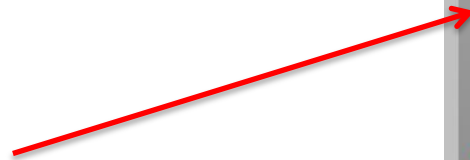
**Click on the Application  
Icon to open  
FENSA VOLUME CALCULATOR**



## Select the Hole Type

*Options are*

1. Round
2. Square
3. Rectangle



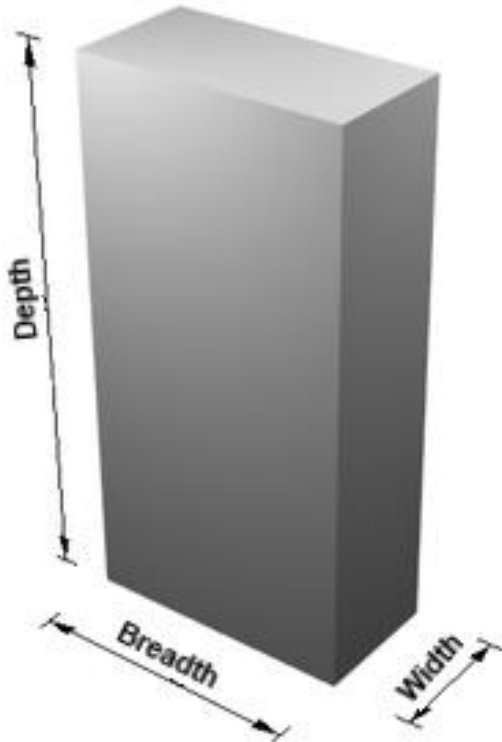
The screenshot shows the 'VOLUME CALCULATOR' app interface. At the top, there is a header with the FENSA logo and the text 'VOLUME CALCULATOR'. Below the header, there are several input fields and dropdown menus:

- Hole Type:** A dropdown menu currently showing 'Round'. A red arrow points to this dropdown.
- Hole Size / Diameter:** A text input field with a blue underline and 'mm' as a unit indicator.
- Hole Depth:** A text input field with a blue underline and 'mm' as a unit indicator.
- Post Type:** A dropdown menu currently showing 'No Post / Hollow Post'.
- Number of Holes:** A text input field with a blue underline.

At the bottom of the calculator, there is a 'Grand Total 0 m3' display. Below this, there is a row of four buttons: a share icon, a 'Clear' button with an 'X' icon, an 'Add' button with a '+ =' icon, and a list icon. At the very bottom, there is a footer with the FENSA logo and the text 'Fence and Gate Systems Aust 100% Australian Owned', followed by three links: 'Plan Takeoff', 'Free Draw', and 'Gate Manufacturing'. The bottom of the screen shows a standard Android navigation bar with back, home, and recent apps icons.

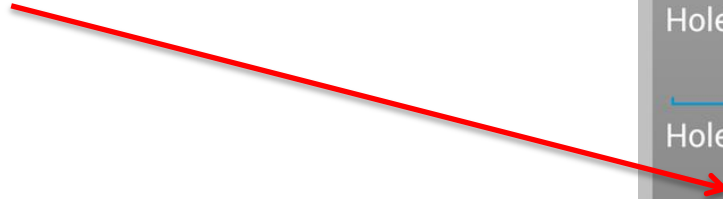
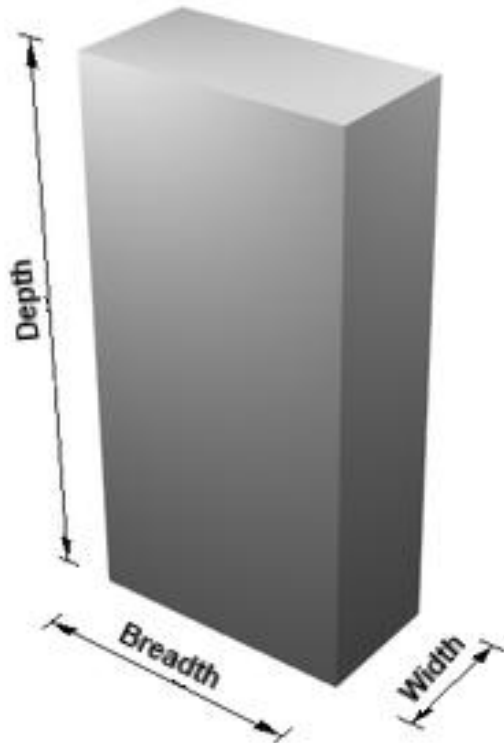
## Enter Hole Size

1. Enter Diameter in millimetres, if you choose Round Hole
2. Enter the Size in millimetres, if you choose Square Hole
3. Enter Breadth & Width of Hole, if you choose Rectangle Hole

A screenshot of the 'VOLUME CALCULATOR' app interface. The app has a grey background with white text and input fields. At the top, there is a logo for FENSA and the text 'VOLUME CALCULATOR'. Below this, there are several dropdown menus and input fields: 'Hole Type' (set to 'Round'), 'Hole Size / Diameter' (with a blue underline and 'mm' to the right), 'Hole Depth' (with 'mm' to the right), 'Post Type' (set to 'No Post / Hollow Post'), and 'Number of Holes'. At the bottom of the form, it says 'Grand Total 0 m3'. Below the form is a navigation bar with icons for 'Home', 'Clear', 'Add', and 'List'. At the very bottom, there is a footer with the FENSA logo and text: 'Fence and Gate Systems Aust | 100% Australian Owned | Plan Takeoff | Free Draw | Gate Manufacturing'. A red arrow points from the text 'Hole Size / Diameter' in the list to the corresponding input field in the app.

## Enter Hole Depth

1. Enter Depth of Hole in millimetres.



**VOLUME CALCULATOR**

Hole Type  
Round

Hole Size / Diameter  
mm

Hole Depth  
mm

Post Type  
No Post / Hollow Post

Number of Holes

Grand Total 0 m3

Clear Add

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## Select the Post Type

*It can be*

### 1. No Post / Hollow Post

*Either no post going into hole or a Hollow Post which not making the difference in the material.  
No uprights calculation.*

### 2. Solid Round.

*Deduct the Size of Solid Round Post. User must enter the diameter of round post.*

### 3. Solid Square.

*Deduct the Size of Solid Square Post. User must enter the size of square post.*

### 4. Solid Rectangle.

*Deduct the Size of Solid Rectangle Post. User must enter the breadth and width of rectangle post.*

**FENSA VOLUME CALCULATOR**

Hole Type  
Round

Hole Size / Diameter  
mm

Hole Depth  
mm

Post Type  
No Post / Hollow Post

Number of Holes

Grand Total 0 m3

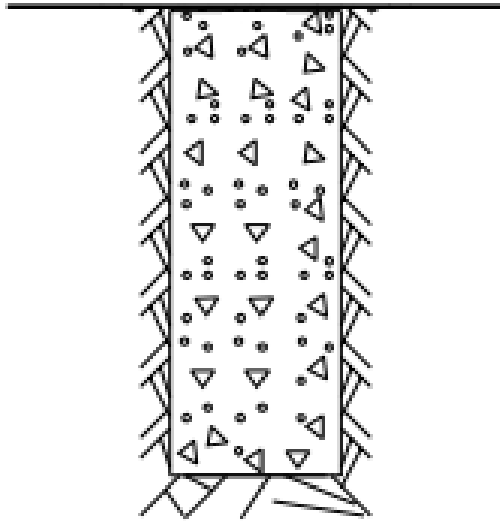
Clear Add

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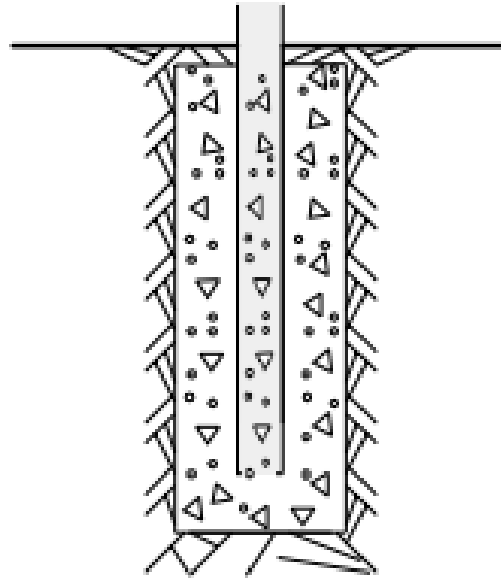




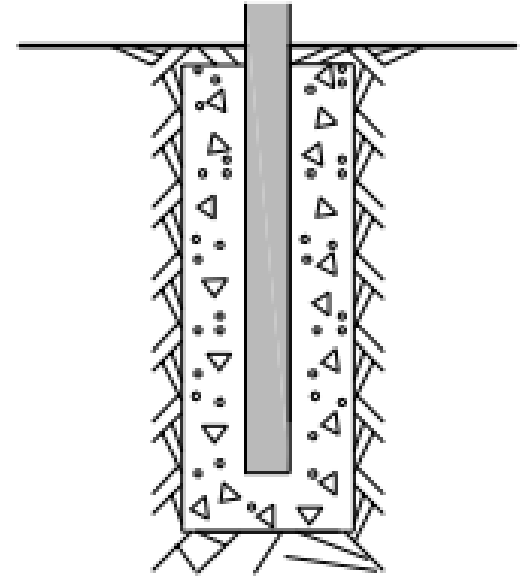
*Hole with No Post*



*Hole with Hollow Post.  
Material will be filled inside the  
post. No volume deduction.*



*Hole with Solid Post.  
Volume deduction applies.*





*Solid Square Post.  
Material Volume deduction  
applies.*



*Solid Round Post.  
Material Volume deduction  
applies.*





**VOLUME CALCULATOR**

Hole Type  
Round

Hole Size / Diameter  
250

Hole Depth  
600

Post Type  
No Post / Hollow Post

Number of Holes  
30

Grand Total 0.884 m<sup>3</sup>

Clear Add

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Enter No. of Holes

Click on Add button

Running Grand Total will be Displayed in the textbox

**FENSA VOLUME CALCULATOR**

Hole Type  
Round

Hole Size / Diameter  
250

Hole Depth  
600

Post Type  
No Post / Hollow Post

Number of Holes  
30

Grand Total 0.884 m3

Clear Add

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Click on the details button will show you the details page with multiple calculations.

**FENSA VOLUME CALCULATOR**

Hole	Post	Qty	Total
Round (250 x 600)	No Post / Hollow Post	30	0.884
Round (400 x 1200)	No Post / Hollow Post	4	0.603

Back

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**VOLUME CALCULATOR**

Hole Type  
Round

Hole Size / Diameter  
250

Hole Depth  
600

Post Type  
No Post / Hollow Post

Number of Holes  
30

Grand Total 0.884 m<sup>3</sup>

Clear Add

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Click on Clear button to remove all calculations in the list.



**VOLUME CALCULATOR**

Hole Type  
Round

Hole Size / Diameter  
250

Hole Depth  
600

Post Type  
No Post / Hollow Post

Number of Holes  
30

Grand Total 0.884 m<sup>3</sup>

Exit button (arrow icon) | Clear | Add | Menu

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Android navigation bar: Back, Home, Recent Apps

Click on Exit button to confirm and exit out of application.

Thank You....