



## Widgets

### Volume and Weight Calculator

Calculate the volume and weight, in English or Metric units, for over 40 geometric shapes and a variety of materials. Select from such metals as Aluminum, Cast iron, or Steel, or from such thermoplastics as ABS, Nylon, or Polycarbonate. Typical values for density are provided, but may be changed to accommodate more specific materials. Shapes include common stock shapes such as rectangular and hexagonal prisms, cylinders, tubes, and I-beams, as well as a variety of 3D geometric solids, such as pyramids, frustums, and spherical segments. Instantly obtain the weight of your raw material stock by dimensioning a single shape, or add and subtract multiple shapes to approximate your part's geometry and obtain a total weight.

#### Volume and Weight Calculator

Units :

Precision :

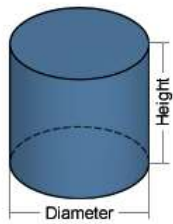
Material :

Density (g/cm<sup>3</sup>) :

Shape :

| Shape   | Volume (cm <sup>3</sup> ) | Weight (kg) |                                     |
|---|---------------------------|-------------|-------------------------------------|
| <input checked="" type="checkbox"/> Cylindrical tube  | 1038.77                   | 1.39        | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> Cylindrical tube  | 332.22                    | 0.44        | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> Cylindrical tube  | 332.22                    | 0.44        | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> Rectangular prism | 1500.00                   | 2.01        | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> Rectangular prism | 9000.00                   | 12.04       | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> Rectangular prism | -6063.38                  | -8.11       | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> Rectangular prism | -790.50                   | -1.06       | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> Rectangular prism |                           |             | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> Cylinder          | -954.26                   | -1.28       | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> Cylinder                     | -318.09                   | -0.43       | <input checked="" type="checkbox"/> |

Diameter:   
Height:   
Quantity:   
☐ Add ☒ Subtract



|              |                |             |
|--------------|----------------|-------------|
| <b>Total</b> | <b>4076.98</b> | <b>5.44</b> |
|--------------|----------------|-------------|

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