



Rivet Dimensions Formulas

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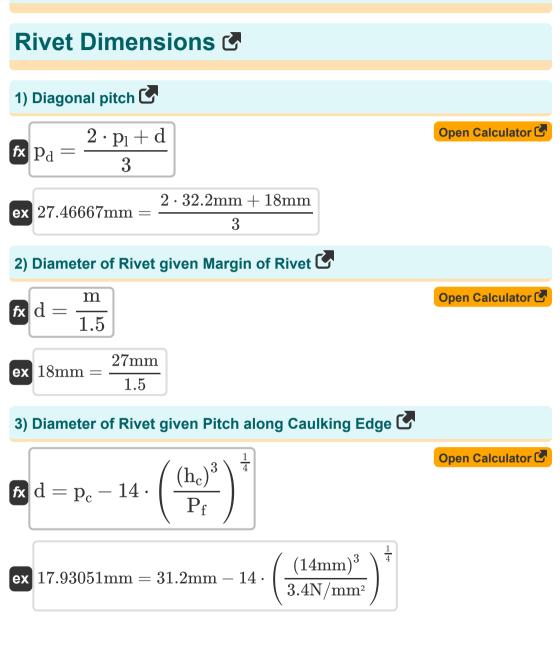
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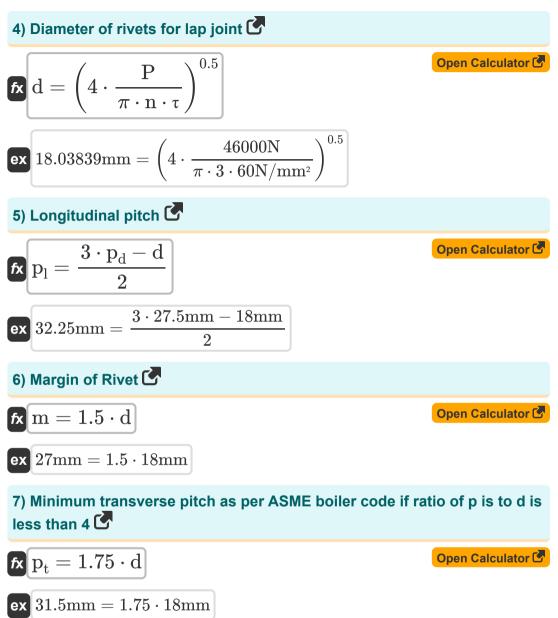
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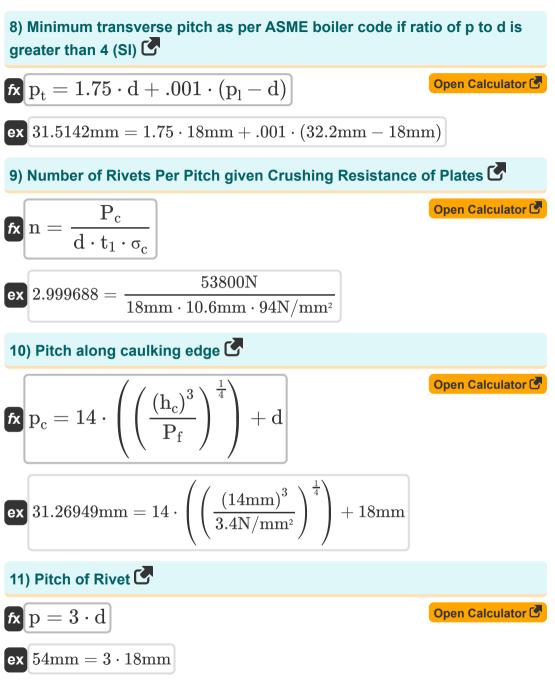
List of 16 Rivet Dimensions Formulas





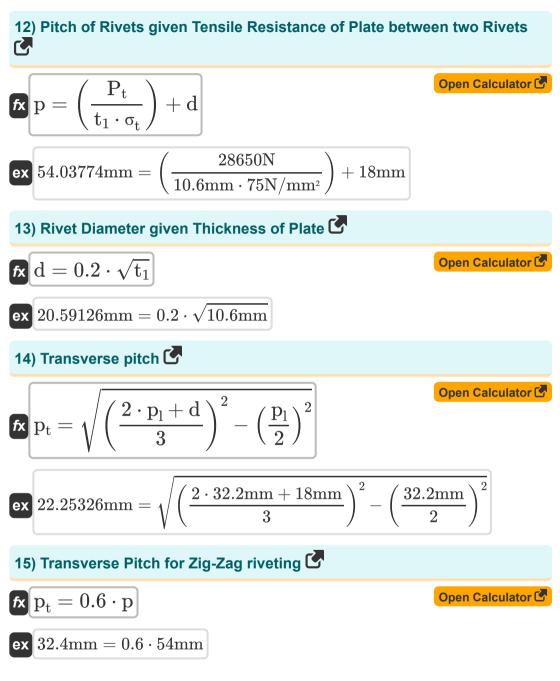














16) Transverse Pitch of Rivet Chain Riveting 🕑

fx
$$\mathbf{p}_{\mathrm{t}}=0.8\cdot\mathbf{p}$$
 Open Calculator C

 $ex 43.2mm = 0.8 \cdot 54mm$



Variables Used

- **d** Diameter of Rivet (*Millimeter*)
- **h**_c Riveted Joint Cover Plate Thickness (*Millimeter*)
- **m** Margin of Rivet (Millimeter)
- **n** Rivets Per Pitch
- p Pitch of Rivet (Millimeter)
- P Tensile Force on Riveted Plates (Newton)
- **p**_c Pitch Along Caulking Edge (*Millimeter*)
- **P**_c Crushing Resistance of Riveted Plate per Pitch (*Newton*)
- **p**d Diagonal Pitch of Rivet Joint (*Millimeter*)
- **P**f Intensity of Fluid Pressure (Newton per Square Millimeter)
- **p** Longitudinal Pitch of Rivet Joint (Millimeter)
- **p**t Transverse Pitch of Rivet (Millimeter)
- Pt Tensile Resistance of Plate Per Rivet Pitch (Newton)
- t₁ Thickness of Plate 1 of Riveted Joint (Millimeter)
- σ_c Permissible Compressive Stress of Riveted Plate (Newton per Square Millimeter)
- σ_t Tensile Stress in Riveted Plate (Newton per Square Millimeter)
- T Permissible Shear Stress for Rivet (Newton per Square Millimeter)



Constants, Functions, Measurements used

- Constant: pi, 3.14159265358979323846264338327950288 Archimedes' constant
- Function: sqrt, sqrt(Number) A square root function is a function that takes a non-negative number as an input and returns the square root of the given input number.
- Measurement: Length in Millimeter (mm) Length Unit Conversion
- Measurement: Pressure in Newton per Square Millimeter (N/mm²) Pressure Unit Conversion
- Measurement: Force in Newton (N) Force Unit Conversion

Check other formula lists

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