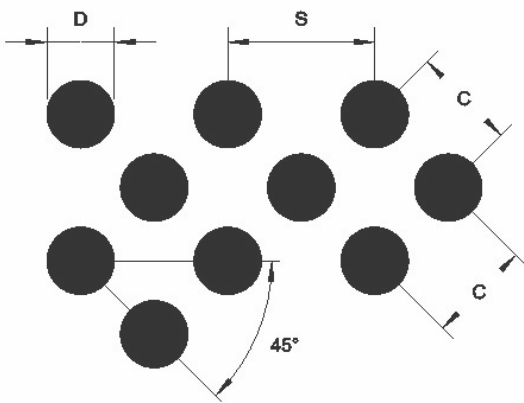


arrowmetal

typical standard perforated arrangements

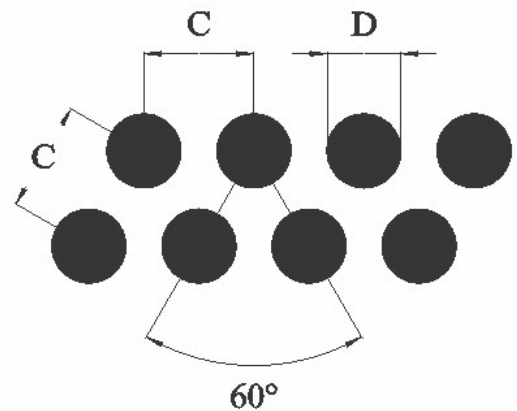
Common perforation styles manufactured by Arrow Metal and the formulas to determine the open area percentage related to the relevant profiles and pitch

- Perforated Metal Style:
Round holes, 45° diagonal pitch



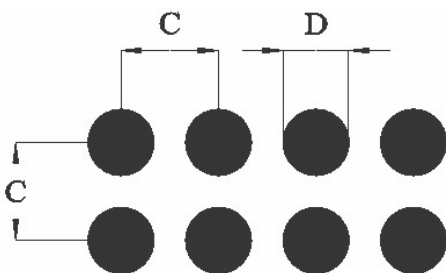
$$\% \text{ Open area} = \frac{D^2 \times 157.08}{S^2}$$

- Perforated Metal Style:
Round holes, 60° staggered



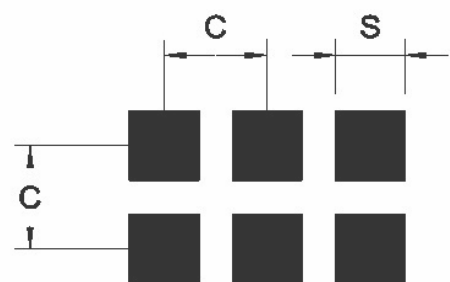
$$\% \text{ Open area} = \frac{D^2 \times 90.69}{C^2}$$

- Perforated Metal Style:
Round holes, straight row



$$\% \text{ Open area} = \frac{D^2 \times 78.54}{C^2}$$

- Perforated Metal Style:
Square holes, straight row

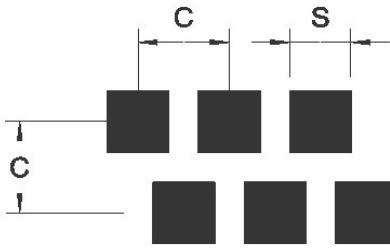


$$\% \text{ Open area} = \frac{S^2 \times 100}{C^2}$$

The open area of perforated metal is crucial in determining how suitable a specific profile is for the application you have in mind such as ventilation, acoustic control or lighting



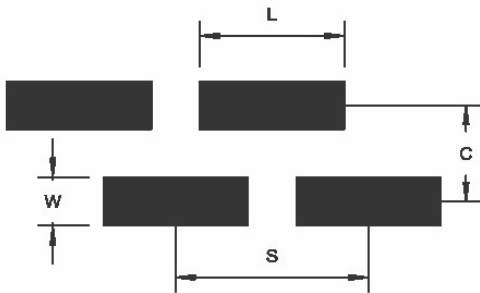
Perforated Metal Style:
Square holes, staggered



$$\% \text{ Open area} = \frac{S^2 \times 100}{C^2}$$



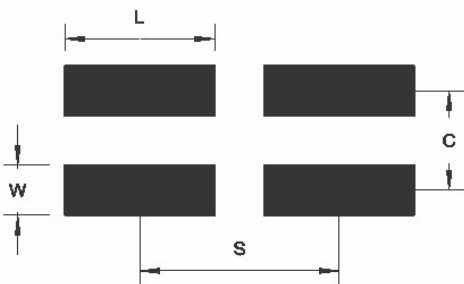
Perforated Metal Style:
Rectangular holes, staggered



$$\% \text{ Open area} = \frac{W \times L \times 100}{C \times S}$$



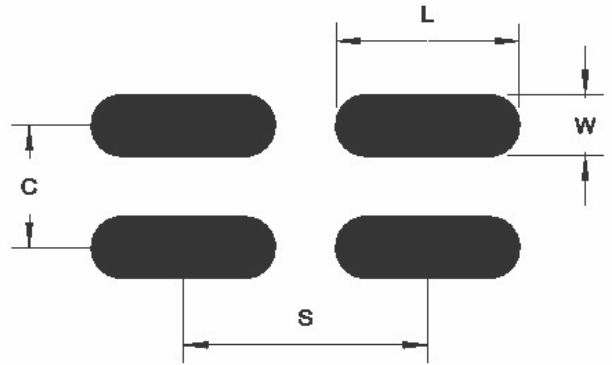
Perforated Metal Style:
Rectangular holes, straight row



$$\% \text{ Open area} = \frac{W \times L \times 100}{C \times S}$$



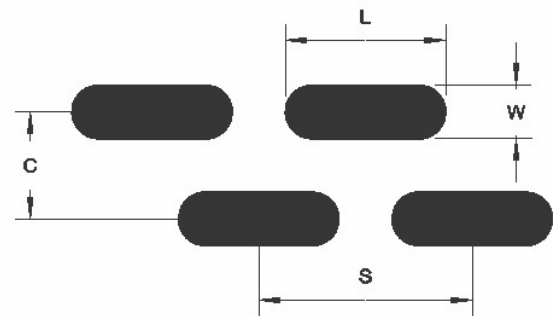
Perforated Metal Style:
Round end slots, straight row



$$\% \text{ Open area} = \frac{(W \times L - 0.2146W^2) \times 100}{C \times S}$$



Perforated Metal Style:
Round end slots, staggered



$$\% \text{ Open area} = \frac{(W \times L - 0.2146W^2) \times 100}{C \times S}$$



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