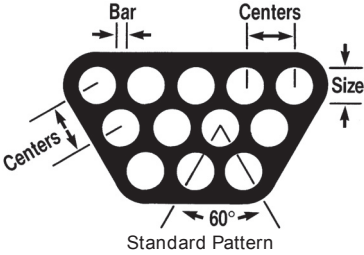
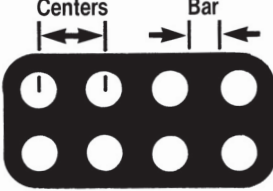
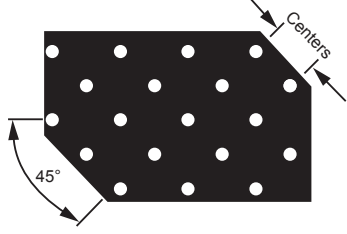
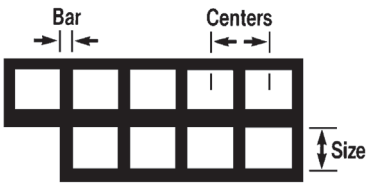
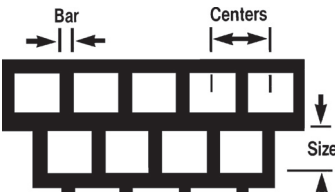
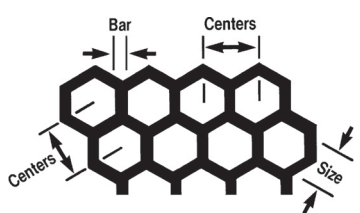
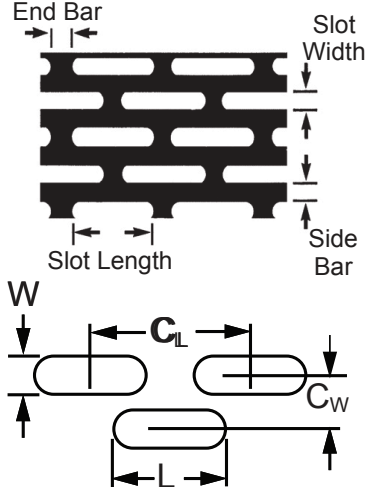
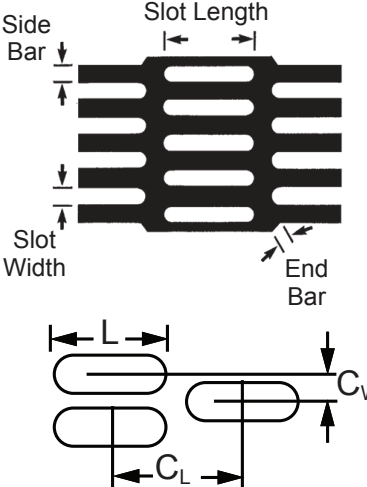
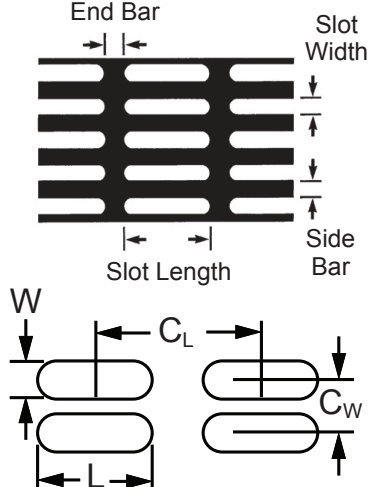
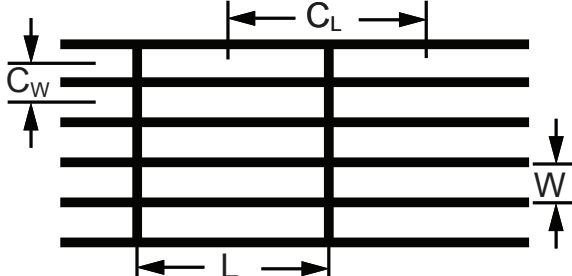


Formulas For Determining Open Area

| | | |
|--|---|---|
| <p>Staggered Round Holes</p>  | <p>Strait Center Round Holes</p>  | <p>Staggered Round Holes 45 degree pattern</p>  |
| <p>Open Area Formula</p> $\frac{D^2 \times 90.89}{C^2} = \%$ | <p>Open Area Formula</p> $\frac{D^2 \times 90.89}{C^2} = \%$ | <p>Open Area Formula</p> $\frac{D^2 \times 90.89}{C^2} = \%$ |
| <p>Holes per Square Inch</p> $\text{H.P.S.I.} = \frac{\% \text{ Open Area}}{\text{Area of Hole}}$ | <p>Holes per Square Inch</p> $\text{H.P.S.I.} = \frac{\% \text{ Open Area}}{\text{Area of Hole}}$ | <p>Holes per Square Inch</p> $\text{H.P.S.I.} = \frac{\% \text{ Open Area}}{\text{Area of Hole}}$ |
| <p>Square Holes Straight Line</p>  | <p>Square Holes Staggered Line</p>  | <p>Hexagon Hole</p>  |
| <p>Open Area Formula</p> $\frac{S^2 \times 100}{C^2} = \%$ | <p>Open Area Formula</p> $\frac{S^2 \times 100}{C^2} = \%$ | <p>Open Area Formula</p> $\frac{S^2 \times 100}{C^2} = \%$ |
| <p>Holes per Square Inch</p> $\text{H.P.S.I.} = \frac{\% \text{ Open Area}}{\text{Area of Hole}}$ | <p>Holes per Square Inch</p> $\text{H.P.S.I.} = \frac{\% \text{ Open Area}}{\text{Area of Hole}}$ | <p>Holes per Square Inch</p> $\text{H.P.S.I.} = \frac{\% \text{ Open Area}}{\text{Area of Hole}}$ |

Formulas For Determining Open Area

| | | |
|---|--|--|
| <p>Round End Slot- End Staggered</p>  | <p>Round End Slot- Side Staggered</p>  | <p>Round End Slot- Straight Lines</p>  |
| <p>Open Area Formula $\frac{WL-.215W^2}{C_L C_W} = \%$</p> | <p>Open Area Formula $\frac{WL-.215W^2}{C_L C_W} = \%$</p> | <p>Open Area Formula $\frac{WL-.215W^2}{C_L C_W} = \%$</p> |
| <p>Holes per Square Inch H.P.S.I. = $\frac{\% \text{ Open Area}}{\text{Area of Hole}}$</p> | <p>Holes per Square Inch H.P.S.I. = $\frac{\% \text{ Open Area}}{\text{Area of Hole}}$</p> | <p>Holes per Square Inch H.P.S.I. = $\frac{\% \text{ Open Area}}{\text{Area of Hole}}$</p> |

| |
|---|
| <p>Square End Slot- Straight Lines</p>  |
| <p>Open Area Formula $\frac{L \times W}{C_L C_W} \times 100 = \%$</p> |
| <p>Holes per Square Inch H.P.S.I. = $\frac{\% \text{ Open Area}}{\text{Area of Hole}}$</p> |