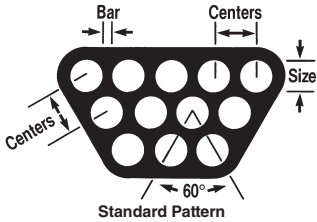


### ROUND PERFORATIONS STAGGERED



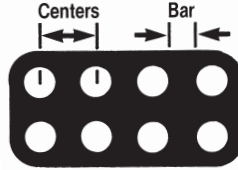
#### Open Area Formula

$$\frac{D^2 \times 90.89}{C^2} = \%$$

#### Holes per Square Inch

$$\text{H.P.S.I.} = \frac{\% \text{ Open Area}}{\text{Area of Hole}}$$

### ROUND PERFORATIONS STRAIGHT LINE PATTERN



Optional Pattern

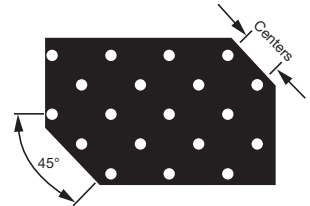
#### Open Area Formula

$$\frac{D^2 \times 90.89}{C^2} = \%$$

#### Holes per Square Inch

$$\text{H.P.S.I.} = \frac{\% \text{ Open Area}}{\text{Area of Hole}}$$

### ROUND PERFORATIONS 45 DEGREE PATTERN



Optional Pattern

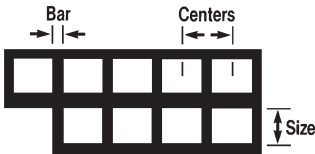
#### Open Area Formula

$$\frac{D^2 \times 90.89}{C^2} = \%$$

#### Holes per Square Inch

$$\text{H.P.S.I.} = \frac{\% \text{ Open Area}}{\text{Area of Hole}}$$

### SQUARE PERFORATIONS STRAIGHT LINE



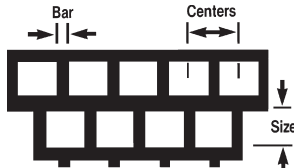
#### Open Area Formula

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

#### Holes per Square Inch

$$\text{H.P.S.I.} = \frac{\% \text{ Open Area}}{\text{Area of Hole}}$$

### SQUARE PERFORATIONS STAGGERED



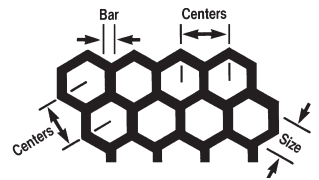
#### Open Area Formula

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

#### Holes per Square Inch

$$\text{H.P.S.I.} = \frac{\% \text{ Open Area}}{\text{Area of Hole}}$$

### HEXAGON



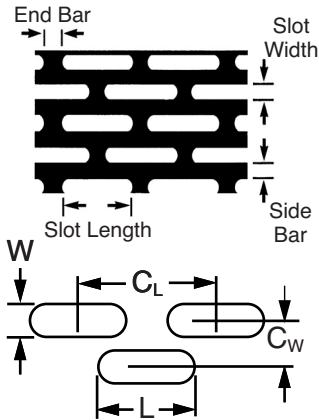
#### Open Area Formula

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

#### Holes per Square Inch

$$\text{H.P.S.I.} = \frac{\% \text{ Open Area}}{\text{Area of Hole}}$$

**ROUND END SLOT  
SIDE STAGGER (SS)**



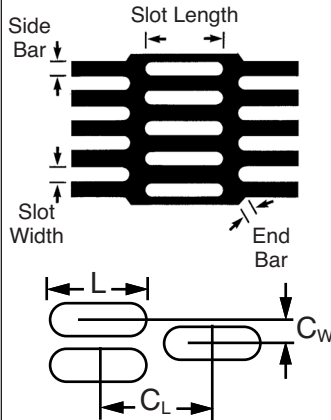
**Open Area Formula**

$$\frac{WL-.215W^2}{C_L C_W} = \%$$

**Holes per Square Inch**

$$\text{H.P.S.I.} = \frac{\% \text{ Open Area}}{\text{Area of Hole}}$$

**ROUND END SLOT  
SIDE STAGGER (SS)**



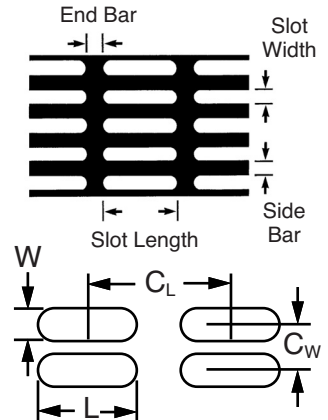
**Open Area Formula**

$$\frac{WL-.215W^2}{C_L C_W} = \%$$

**Holes per Square Inch**

$$\text{H.P.S.I.} = \frac{\% \text{ Open Area}}{\text{Area of Hole}}$$

**ROUND PERFORATIONS  
45 DEGREE PATTERN**



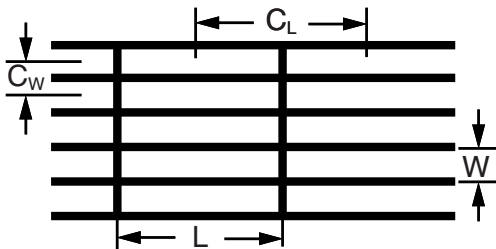
**Open Area Formula**

$$\frac{WL-.215W^2}{C_L C_W} = \%$$

**Holes per Square Inch**

$$\text{H.P.S.I.} = \frac{\% \text{ Open Area}}{\text{Area of Hole}}$$

**SQUARE END SLOT**



**Open Area Formula**

$$\frac{L \times W}{C_L C_W} \times 100 = \%$$

**Holes per Square Inch**

$$\text{H.P.S.I.} = \frac{\% \text{ Open Area}}{\text{Area of Hole}}$$