FORMULAS FOR DETERMINING % OF OPEN AREA
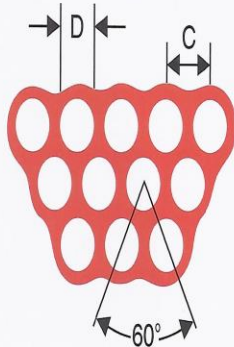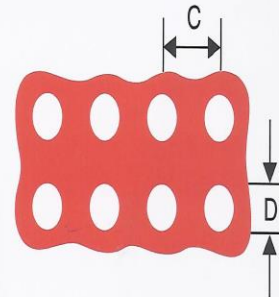
60° Staggered Round Holes

$D^2 / C^2 \times 90.69 = \%$ Open

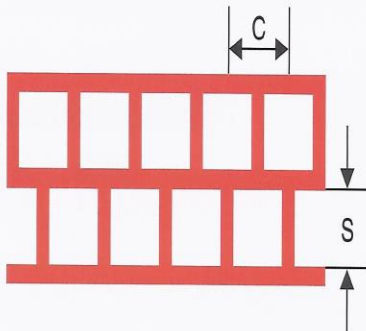### Straight Line Round Holes

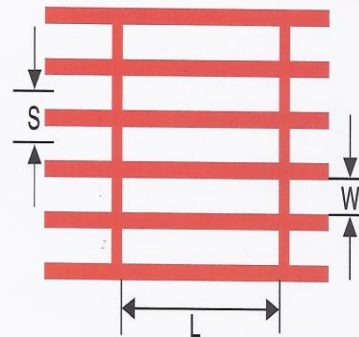$D^2 / C^2 \times 78.54 = \%$ Open

Square Holes
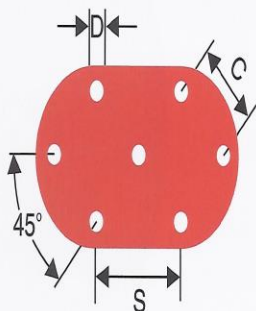### (Staggered or Straight Line)

$S^2 / C^2 \times 100 = \%$ Open

Square End Slots,
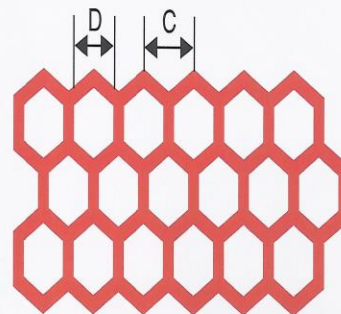### Straight Line Centres

$L \times W / C^2 \times 100 = \%$ Open

45° Staggered Round Holes

$D^2 / C^2 \times 157.08 = \%$ Open

60° Staggered Hexagonal Holes

$D^2 / C^2 \times 100 = \%$ Open

To Find the Holes Per Square Inch: H.P.S.I. = $(1/C^2)$ 1.152