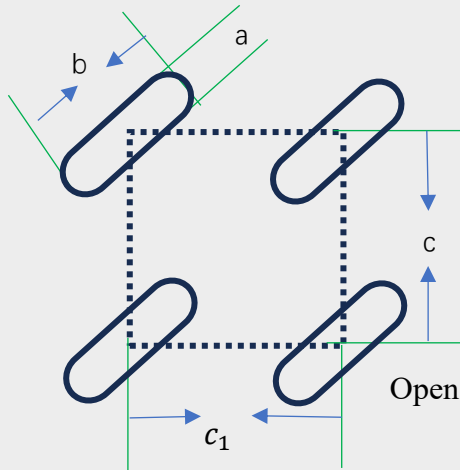
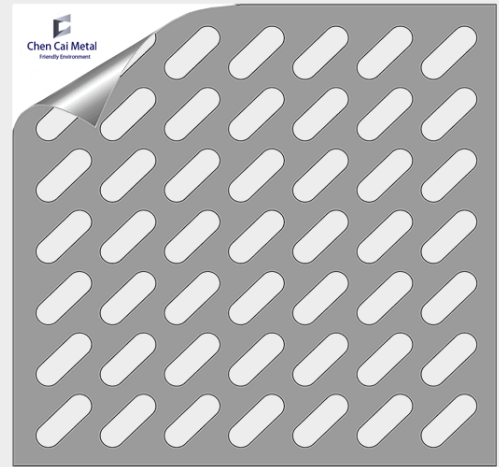




a: slot width
b: slot length
c: Vertical center distance
c₁: Horizontal center distance

$$\text{Open Area(\%)} = 2 \times \frac{a \times b - 0.215 \times a^2}{c \times c_1} \times 100$$

Slot Staggered Arrangement



a x b (mm)	c x c ₁ (mm)	Open Area (%)
1 x 15	6 x 24	20.5
1 x 15	6 x 20	24.6
2.2 x 25	10 x 30	36.0
2.5 x 25	10 x 30	40.8
3 x 30	15 x 40	29.4
3 x 35	15 x 40	34.4
3 x 60	18 x 68	29.1
4 x 25	16 x 30	40.2
4 x 28	35 x 35	17.7
4 x 57	18 x 68	36.7
5 x 15	20 x 20	34.8

a x b (mm)	c x c ₁ (mm)	Open Area (%)
5 x 15	9 x 40	38.7
5 x 35	18 x 40	47.1
6 x 15	22 x 20	37.4
6 x 25	22 x 30	43.1
6 x 40	20 x 40	58.1
6.3 x 25	17 x 35	50.1
7 x 35	26 x 40	45.1
8 x 20	26 x 32	35.2
8 x 35	14 x 82	46.4
9 x 35	32 x 40	46.5
10 x 20	40 x 30	29.8

a x b (mm)	c x c ₁ (mm)	Open Area (%)
10 x 30	32 x 35	49.7
10 x 35	32 x 40	51.3
10 x 40	16 x 92	51.4
10 x 60	50 x 68	34.0
10 x 65	18 x 150	46.6
12 x 20	44 x 30	31.7
12 x 35	35 x 80	27.8
14 x 35	36 x 80	31.1
14 x 65	24 x 150	48.2
16 x 35	42 x 80	30.1
16 x 40	24 x 96	50.8
18 x 65	28 x 150	52.4