

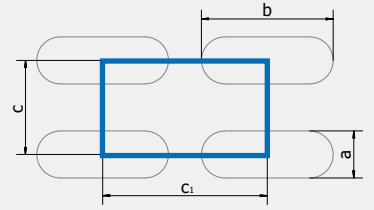
Slotted Hole (Straight Pattern)

Short edge (a)

Edge length (b)

Vertical center distance (c)

Horizontal center distance (c_1)



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

$a \times b$ (mm)	$c \times c_1$ (mm)	Open area (%)
2 x 20	8 x 26	18.8
3 x 25	8 x 29	31.5
4 x 12	8 x 16	34.8
4 x 25	16 x 50	12.1
4 x 28	10 x 34	31.9
4 x 57	18 x 68	18.3
5 x 25	10 x 29	41.3
5 x 25	16 x 34	22.0
5 x 26	7 x 30	53.6
5 x 30	10 x 34	42.5
5 x 34	16 x 39	24.8

$a \times b$ (mm)	$c \times c_1$ (mm)	Open area (%)
5 x 45.5	20 x 70	14.3
6 x 35	24 x 42	20.1
6 x 38	11 x 52	38.5
6 x 50	24 x 58	21.0
7 x 25	18 x 35	26.1
8 x 40	14 x 92	23.8
10 x 20	40 x 30	14.9
10 x 40	16 x 92	25.7
10 x 60	50 x 68	17.0
12 x 35	22 x 45	39.3
12 x 40	18 x 92	27.1

$a \times b$ (mm)	$c \times c_1$ (mm)	Open area (%)
12 x 65	20 x 146	25.7
16 x 28	24 x 76	21.5
16 x 32	24 x 80	23.8
16 x 36	48 x 44	24.7
16 x 60	28 x 150	21.5
20 x 40	28 x 50	51.0
20 x 40	28 x 48	53.1
24 x 50	36 x 58	51.5
24 x 74	38 x 84	51.8
30 x 60	70 x 250	9.2
40 x 60	100 x 72	28.6
40 x 100	80 x 375	12.2