	ROUND HOLE		SQUARE HOLE	
DIAMETER OF HOLE DIVIDED BY CENTERS (D/C)	60º STAGGERED CENTERS % OPEN AREA	STRAIGHT CENTERS % OPEN AREA	SIDE OF SQUARE DIVIDED BY CENTERS (S/C)	STAG & STRAIGHT CENTERS % OPEN AREA
0.200"	4%	3%	0.200"	4%
0.225"	5%	4%	0.225"	5%
0.250"	6%	5%	0.250"	6%
0.275"	7%	6%	0.275"	8%
0.300"	8%	7%	0.300"	9%
0.325"	10%	8%	0.325"	11%
0.350"	11%	10%	0.350"	12%
0.375"	13%	11%	0.375"	14%
0.400"	16%	13%	0.400"	16%
0.425"	16%	14%	0.425"	18%
0.450"	18%	16%	0.450"	20%
0.475"	21%	18%	0.475"	23%
0.500"	23%	20%	0.500"	25%
0.525"	25%	22%	0.525"	28%
0.550"	27%	24%	0.550"	30%
0.575"	30%	26%	0.575"	33%
0.600"	33%	28%	0.600"	36%
0.625"	35%	31%	0.625"	39%
0.650"	38%	33%	0.650"	42%
0.675"	41%	36%	0.675"	47%
0.700"	44%	39%	0.700"	49%
0.725"	48%	41%	0.725"	53%
0.750"	51%	44%	0.750"	56%
0.775"	54%	47%	0.775"	60%
0.800"	58%	50%	0.800"	64%
0.825"	62%	54%	0.825"	68%
0.850"	66%	57%	0.850"	73%
0.875"	70%	60%	0.875"	77%
0.900"	74%	64%	0.900"	81%
0.925"	78%	67%	0.925"	86%
0.950"	82%	71%	0.950"	90%

CALCULATING % OF OPEN AREA	ROUND HOLE 60º STAGGERED CENTERS	ROUND HOLE STRAIGHT CENTERS	SQUARE HOLE STAGGERED & STRAIGHT CENTERS
D DIAMETER OF HOLE **S** SIDE OF SQUARE HOLE **C** HOLE CENTERS	$$\frac{D^2 \times 90.69}{C^2}$$	$$\frac{D^2 \times 78.54}{C^2}$$	$$\frac{S^2 \times 100}{C^2}$$

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