

PERFORATED METAL

IPA Standard Perforations

The enormous number of perforating patterns possible with round holes, squares, slots and other special perforations make it impractical to list every combination. The following IPA numbered perforations listed and illustrated here are common to all members and considered Standard. The die banks of IPA members hold tooling for literally thousands of additional patterns so, if your requirements cannot be met with a Standard perforation, consult with your IPA members supplier.

Round Holes:

IPA Numbers	Perforations	Centers	Holes per sq.in.	Open Area	Line
100	.020"	.043"	625	20%	Staggered
101	.023"	.0415"	576	24%	Straight
102	.027"	.050"	400	23%	Straight
103	.032"	.055"	324	26%	Straight
104	.040"	.066"	225	30%	Straight
105	.045"	.066"	224	37%	Straight
106	1/16"	1/8"	74	23%	Staggered
107	5/64"	7/64"	97	46%	Staggered
108	5/64"	1/8"	74	36%	Staggered
109	3/32"	5/32"	47	32%	Staggered
110	3/32"	3/16"	33	23%	Staggered
111	3/32"	1/4"	19	12%	Staggered
112	1/10"	5/32"	47	36%	Staggered
113	1/8"	3/16"	33	40%	Staggered
114	1/8"	7/32"	24	29%	Staggered
115	1/8"	1/4"	19	23%	Staggered
116	5/32"	7/32"	24	46%	Staggered
117	5/32"	1/4"	19	36%	Staggered
118	3/16"	1/4"	19	51%	Staggered
119	3/16"	5/16"	12	33%	Staggered
120	1/4"	5/16"	12	58%	Staggered
121	1/4"	3/8"	8	40%	Staggered
122	1/4"	7/16"	6	30%	Staggered
123	1/4"	1/2"	5	23%	Staggered
124	3/8"	1/2"	5	51%	Staggered
125	3/8"	9/16"	4	40%	Staggered
126	3/8"	5/8"	3	33%	Staggered
127	7/16"	5/8"	3	45%	Staggered
128	1/2"	11/16"	2	47%	Staggered
129	9/16"	3/4"	2	51%	Staggered
130	5/8"	13/16"	2	53%	Staggered
131	3/4"	1"	1	51%	Staggered

Squares:

IPA Numbers	Perforations	Centers	Holes per sq.in.	Open Area	Line
200	2/10"	1/4"	20	64%	Straight
201	1/4"	3/8"	9	44%	Straight
202	3/8"	1/2"	5	56%	Straight
203	1/2"	11/16"	3	53%	Straight
204	3/4"	1"	1	56%	Straight
205	1"	1-1/4"	.8	64%	Straight
206	1"	1-3/8"	.7	53%	Straight

Slots:

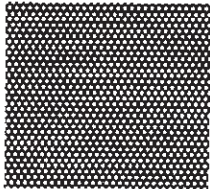
IPA Numbers	Perforations	Bar(s)	Holes per sq.in.	Open Area	Line
207	1/8" x 3/4"	1/8"		41%	Side Staggered
208	1/8" x 1"	1/8"		43%	Side Staggered



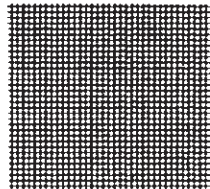
Aluminum Perforated Sheet with border

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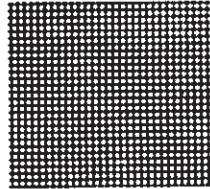
Round Holes



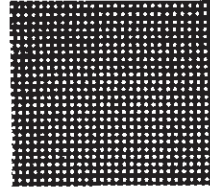
No. 100, .020" diam., 20% O.A.



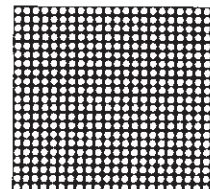
No. 101, .023" diam., 24% O.A.



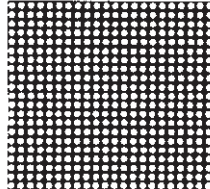
No. 102, .027" diam., 23% O.A.



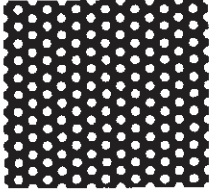
No. 103, .032" diam., 26% O.A.



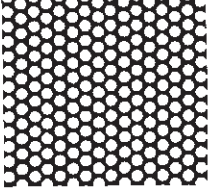
No. 104, .040" diam., 30% O.A.



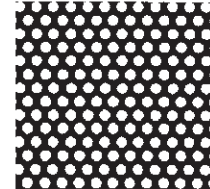
No. 105, .045" diam., 37% O.A.



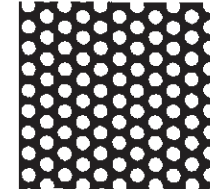
No. 106, 1/32" diam., 23% O.A.



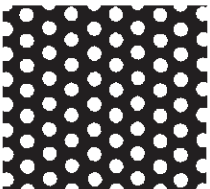
No. 107, 1/16" diam., 46% O.A.



No. 108, 3/32" diam., 36% O.A.



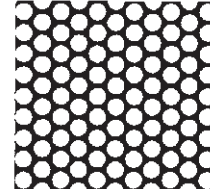
No. 109, 1/8" diam., 32% O.A.



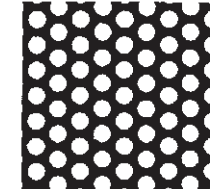
No. 110, 3/16" diam., 23% O.A.



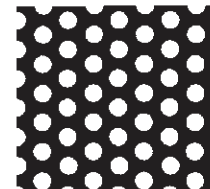
No. 111, 1/8" diam., 12% O.A.



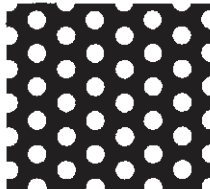
No. 112, 1/10" diam., 36% O.A.



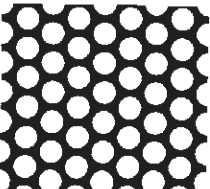
No. 113, 3/16" diam., 40% O.A.



No. 114, 1/4" diam., 23% O.A.



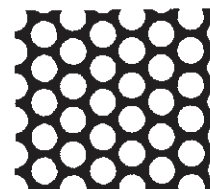
No. 115, 5/16" diam., 23% O.A.



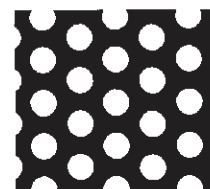
No. 116, 3/8" diam., 46% O.A.



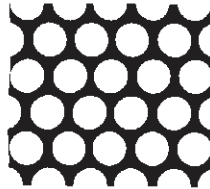
No. 117, 7/16" diam., 36% O.A.



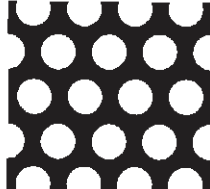
No. 118, 1/2" diam., 51% O.A.



No. 119, 5/8" diam., 33% O.A.



No. 120, 3/4" diam., 18% O.A.



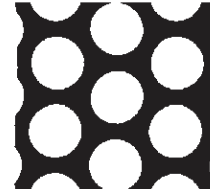
No. 121, 7/8" diam., 40% O.A.



No. 122, 1" diam., 30% O.A.



No. 123, 1 1/8" diam., 23% O.A.



No. 124, 3/4" diam., 51% O.A.



No. 125, 5/8" diam., 40% O.A.



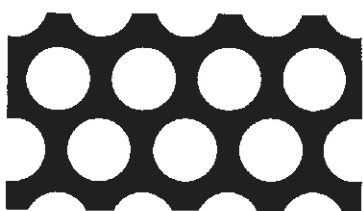
No. 126, 3/4" diam., 33% O.A.



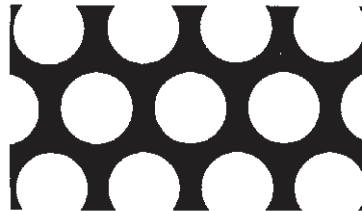
No. 127, 7/16" diam., 45% O.A.



No. 128, 1/2" diam., 47% O.A.



No. 129, 3/4" diam., 51% O.A.



No. 130, 5/8" diam., 53% O.A.



No. 131, 3/4" diam., 51% O.A.