



E674 – 12 (2016)

TABLE 2 Tolerances on Openings of USA Standard Specifications for Industrial Perforated Plate and Screens

Perforated Opening			Tolerance on Openings	
Standard (metric), mm	USA Industrial Standard, in.	Additional Sizes, in.	Standard (metric), mm	USA Industrial Standard, in.
125.0	5	...	±2.5	±0.100
...	...	4½	...	±0.090
106.0	4¼	...	±2.1	±0.085
100.0	4	...	±2.0	±0.080
...	...	3¾	...	±0.075
90.0	3½	...	±1.8	±0.070
...	...	3¼	...	±0.065
75.0	3	...	±1.5	±0.060
...	...	2¾	...	±0.055
63.0	2½	...	±1.3	±0.050
...	...	2¼	...	±0.045
53.0	2⅛	...	±1.1	±0.043
50.0	2	...	±1.0	±0.040
...	...	1⅞	...	±0.038
45.0	1¾	...	±0.9	±0.035
...	...	1⅝	...	±0.033
38.1	1½	...	±0.8	±0.030
...	...	1⅜	...	±0.028
31.5	1¼	...	±0.6	±0.025
...	...	1⅜	...	±0.024
...	...	1⅜	...	±0.023
26.5	1⅜	...	±0.5	±0.021
25.0	1	...	±0.5	±0.020
...	...	1⅝	...	±0.019
22.4	⅞	...	±0.46	±0.018
...	...	1⅜	...	±0.016
19.0	¾	...	±0.38	±0.015
...	...	1⅜	...	±0.014
16.0	⅝	...	±0.32	±0.013
...	...	⅜	...	±0.012
13.2	17/32	...	±0.30	±0.012
12.5	½	...	±0.28	±0.011
...	...	15/32	...	±0.011
11.2	7/16	...	±0.28	±0.011
9.5	⅜	...	±0.28	±0.010
8.0	5/16	...	±0.26	±0.010
6.7	17/64	...	±0.25	±0.009
6.3	¼	...	±0.25	±0.009
5.6	7/32	...	±0.24	±0.009
4.75	3/16	...	±0.21	±0.008
4.00	5/32	...	±0.19	±0.007
3.35	0.127 (1/8)	...	±0.17	±0.006
2.80	7/64	...	±0.150	±0.006
2.36	3/32	...	±0.135	±0.005
2.00	0.078	...	±0.125	±0.005
1.70	0.066	...	±0.110	±0.004
1.40	0.055	...	±0.100	±0.004
1.18	0.045	...	±0.085	±0.003
1.00	0.039	...	±0.070	±0.003
830 µm	0.032	...	±60 µm	±0.002
710	0.027	...	±50 µm	±0.002
600	0.023	...	±45 µm	±0.002
500	0.020	...	±40 µm	±0.002