



E454 – 12

TABLE 3 Tolerances on Bars of USA Standard Specifications for Industrial Perforated Plate and Screens

Perforated Opening			Tolerance on Average Bar	
Standard (metric), mm	USA Industrial Standard, in.	Additional Sizes, in.	Standard (metric), mm	USA Industrial Standard, in.
125.0	5	...	±3.2	±0.125
...	...	4½	...	±0.122
106.0	4¼	...	±2.9	±0.113
100.0	4	...	±2.7	±0.107
...	...	3¾	...	±0.102
90.0	3½	...	±2.5	±0.097
...	...	3¼	...	±0.089
75.0	3	...	±2.1	±0.081
...	...	2¾	...	±0.076
63.0	2½	...	±1.8	±0.069
...	...	2¼	...	±0.063
53.0	2⅛	...	±1.5	±0.059
50.0	2	...	±1.4	±0.056
...	...	1⅞	...	±0.054
45.0	1¾	...	±1.3	±0.051
...	...	1⅝	...	±0.047
37.5	1½	...	±1.1	±0.043
...	...	1⅜	...	±0.040
31.5	1¼	...	±0.9	±0.037
...	...	1⅜	...	±0.035
...	...	1⅛	...	±0.034
26.5	1⅛	...	±0.8	±0.032
25.0	1	...	±0.8	±0.030
...	...	15/16	...	±0.029
22.4	7/8	...	±0.7	±0.028
...	...	13/16	...	±0.026
19.0	¾	...	±0.6	±0.024
...	...	11/16	...	±0.022
16.0	5/8	...	±0.5	±0.021
...	...	9/16	...	±0.019
13.2	17/32	...	±0.46	±0.018
12.5	½	...	±0.44	±0.017
...	...	15/32	...	±0.017
11.2	7/16	...	±0.41	±0.016
9.5	3/8	...	±0.36	±0.014
8.0	5/16	...	±0.32	±0.013
6.7	17/64	...	±0.29	±0.011
6.3	¼	...	±0.28	±0.011
5.6	7/32	...	±0.27	±0.011
4.75	3/16	...	±0.23	±0.009
4.00	5/32	...	±0.22	±0.009
3.5	0.127 (1/8)	...	±0.20	±0.008