

**SIEVES****Sieve Designation (W)**

Standard	Alternative	Nominal Sieve Opening (in.)	Permissible Variation of Average Opening from the Standard Sieve Designation (y) + or	Intermediate Tolerance (x)	Maximum Individual Opening (x)	Nominal Wire Diameter (mm)
125 mm	5 in.	5	3.70 mm	130.0 mm	130.9 mm	8.00
106 mm	4.24 in.	4.24	3.20 mm	110.2 mm	111.1 mm	6.40
100 mm	4 in.	4	3.00 mm	104.0 mm	104.8 mm	6.30
90 mm	3 1/2 in.	3.5	2.70 mm	93.6 mm	94.4 mm	6.08
75 mm	3 in.	3	2.20 mm	78.1 mm	78.7 mm	5.80
63 mm	2 1/2 in.	2.5	1.90 mm	65.6 mm	66.2 mm	5.50
53 mm	2.12 in.	2.12	1.60 mm	55.2 mm	55.7 mm	5.15
50 mm	2 in.	2	1.50 mm	52.1 mm	52.6 mm	5.05
45 mm	1 3/4 in.	1.75	1.40 mm	46.9 mm	47.4 mm	4.85
37.5 mm	1 1/2 in.	1.5	1.10 mm	39.1 mm	39.5 mm	4.59
31.5 mm	1 1/4 in.	1.25	1.00 mm	32.9 mm	33.2 mm	4.23
26.5 mm	1.06 in.	1.06	0.80 mm	27.7 mm	28.0 mm	3.90
25.0 mm	1 in.	1	0.80 mm	26.1 mm	26.4 mm	3.80
22.4 mm		0.875	0.70 mm	23.4 mm	23.7 mm	3.50
19.0 mm	3/4 in.	0.750	0.60 mm	19.9 mm	20.1 mm	3.30
16.0 mm		0.625	0.50 mm	16.7 mm	17.0 mm	3.00
13.2 mm	0.530 in.	0.530	0.41 mm	13.83 mm	14.05 mm	2.75
12.5 mm	1/2 in.	0.500	0.39 mm	13.10 mm	13.31 mm	2.67
11.2 mm	7/16 in.	0.438	0.35 mm	11.75 mm	11.94 mm	2.45
9.50 mm		0.375	0.30 mm	9.97 mm	10.16 mm	2.27
8.00 mm	5/16 in.	0.312	0.25 mm	8.41 mm	8.58 mm	2.07
6.70 mm	0.265 in.	0.265	0.21 mm	7.05 mm	7.20 mm	1.87
6.30 mm	1/4 in.	0.250	0.20 mm	6.64 mm	6.78 mm	1.82
5.60 mm	No. 3 1/2	0.223	0.18 mm	5.90 mm	6.04 mm	1.68
4.75 mm	No. 4	0.187	0.15 mm	5.02 mm	5.14 mm	1.54
4.00 mm	No. 5	0.157	0.13 mm	4.23 mm	4.35 mm	1.37
3.35 mm	No. 6	0.132	0.11 mm	3.55 mm	3.66 mm	1.23
2.80 mm	No. 7	0.11	0.095 mm	2.975 mm	3.070 mm	1.10
2.36 mm	No. 8	0.0937	0.080 mm	2.515 mm	2.600 mm	1.00
2.00 mm	No. 10	0.0787	0.070 mm	2.135 mm	2.215 mm	0.900
1.70 mm	No. 12	0.0661	0.060 mm	1.820 mm	1.890 mm	0.810
1.40 mm	No. 14	0.0555	0.050 mm	1.505 mm	1.565 mm	0.725
1.18 mm	No. 16	0.0469	0.045 mm	1.270 mm	1.330 mm	0.650
1.00 mm	No. 18	0.0394	0.040 mm	1.080 mm	1.135 mm	0.580
0.850 mm	No. 20	0.0331	0.035 mm	0.925 mm	0.970 mm	0.510
0.710 mm	No. 25	0.0278	0.030 mm	0.775 mm	0.815 mm	0.450
0.600 mm	No. 30	0.0234	0.025 mm	0.660 mm	0.695 mm	0.390
0.500 mm	No. 35	0.0197	0.020 mm	0.550 mm	0.585 mm	0.340
0.425 mm	No. 40	0.0165	0.019 mm	0.471 mm	0.502 mm	0.290

0.355 mm	No. 45	0.0139	0.016 mm	0.396 mm	0.425 mm	0.247
0.300 mm	No. 50	0.0117	0.014 mm	0.337 mm	0.363 mm	0.215
0.250 mm	No. 60	0.0098	0.012 mm	0.283 mm	0.306 mm	0.180
0.212 mm	No. 70	0.0083	0.010 mm	0.242 mm	0.263 mm	0.152
0.180 mm	No. 80	0.0070	0.009 mm	0.207 mm	0.227 mm	0.131
0.150 mm	No. 100	0.0059	0.008 mm	0.174 mm	0.192 mm	0.110
0.125 mm	No. 120	0.0049	0.007 mm	0.147 mm	0.163 mm	0.091
0.106 mm	No. 140	0.0041	0.006 mm	0.126 mm	0.141 mm	0.076
0.090 mm	No. 170	0.0035	0.005 mm	0.108 mm	0.122 mm	0.064
0.075 mm	No. 200	0.0029	0.005 mm	0.091 mm	0.103 mm	0.053
0.063 mm	No. 230	0.0025	0.004 mm	0.077 mm	0.089 mm	0.044
0.053 mm	No. 270	0.0021	0.004 mm	0.066 mm	0.076 mm	0.037
0.045 mm	No. 325	0.0017	0.003 mm	0.057 mm	0.066 mm	0.030
0.038 mm	No. 400	0.0015	0.003 mm	0.048 mm	0.057 mm	0.025
0.032 mm	No. 450	0.0012	0.003 mm	0.042 mm	0.050 mm	0.028
0.025 mm	No. 500	0.0010	0.003 mm	0.034 mm	0.041 mm	0.025
0.020 mm	No. 635	0.0008	0.003 mm	0.029 mm	0.035 mm	0.020