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U.S. STANDARD	ASTM	Tyler Equivalent
125 mm	inch 5.0	-
112 mm		-
106 mm	inch 4.24	-
100 mm	inch 4.0	-
90 mm	inch 3 1/2	-
80 mm		-
75 mm	inch 3.0	-
71 mm		-
63 mm	inch 2 1/2	-
56 mm		-
53 mm	inch 2.12	-
50 mm	inch 2.0	-
45 mm	inch 1 3/4	-
40 mm		-
37.5 mm	inch 1 1/2	-
35.5 mm		-
31.5 mm	inch 1/14	-
28 mm		-
26.5 mm	inch 1.06	1.050 in
25 mm	inch 1.0	0.883 in
22.4 mm	inch 7/8	0.883 in
20 mm		-
19 mm	inch 3/4	0.742 in
18 mm		-
16 mm	inch 5/8	0.624 in
14 mm		-
13.2 mm	inch 0.530	0.525 in
12.5 mm	inch 1/2	-
11.2 mm	inch 7/16	0.441 in
10 mm		-
9.5 mm	inch 3/8	0.371 in
9 mm		-
8 mm	inch 5/16	2 1/2 Mesh
7.1 mm		-
6.7 mm	inch 0.265	3 Mesh
6.3 mm	inch 1/4	-
5.6 mm	No. 3 1/2	3 1/2 Mesh
5 mm		-
4.75 mm	No. 4	4 Mesh
4.5 mm		-
4 mm	No. 5	5 Mesh
3.55 mm		-
3.35 mm	No. 6	6 Mesh
3.15 mm		-
2.8 mm	No. 7	7 Mesh
2.5 mm		-
2.36 mm	No. 8	8 Mesh
2.24 mm		-
2 mm	No. 10	9 Mesh
1.8 mm		-

U.S. STANDARD	ASTM	Tyler Equivalent
1.7 mm	No. 12	10 Mesh
1.6 mm		-
1.4 mm	No. 14	12 Mesh
1.25 mm		-
1.18 mm	No. 16	14 Mesh
1.12 mm		-
1 mm	No. 18	16 Mesh
900 microns		-
850 microns	No. 20	20 Mesh
800 microns		-
710 microns	No. 25	24 Mesh
630 microns		-
600 microns	No. 30	28 Mesh
560 microns		-
500 microns	No. 35	32 Mesh
450 microns		-
425 microns	No. 40	35 Mesh
400microns		-
355 microns	No. 45	42 Mesh
315 microns		-
300 microns	No. 50	48 Mesh
280 microns		-
250 microns	No. 60	60 Mesh
224 microns		-
212 microns	No. 70	65 Mesh
200 microns		-
180 microns	No. 80	80 Mesh
160 microns		-
150 microns	No. 100	100 Mesh
140 microns		-
125 microns	No. 120	115 Mesh
112 microns		-
106 microns	No. 140	150 Mesh
100 microns		-
90 microns	No. 170	170 Mesh
80 microns		-
75 microns	No.200	200 Mesh
71 microns		-
63 microns	No. 230	250 Mesh
56 microns		-
53 microns	No. 270	270 Mesh
50 microns		-
45 microns	No. 325	325 Mesh
40 microns		-
38 microns	No. 400	400 Mesh
36 microns		-
32 microns	No. 450	-
25 microns	No. 500	-
20 microns	No. 635	-