Standard Range of Apertures

International Standard Sieve Series

B.S. 410 / I.S.O. 3310 parts 1

Woven Wire			
mm		µm	
125	10	900	90
112	9.5	850	80
106	9	800	75
100	8	710	71
90	7.1	630	63
80	6.7	600	56
75	6.3	560	53
71	5.6	500	50
63	5	450	45
56	4.75	425	40
53	4.5	400	38
50	4	355	36
45	3.55	315	32
40	3.35	300	25
37.5	3.15	280	20
35.5	2.8	250	
31.5	2.5	224	
28	2.24	212	
26.5	2	200	
25	1.8	180	
22.4	1.7	160	
20	1.6	150	
19	1.4	140	
18	1.25	125	
16	1.18	112	
14	1.12	106	
13.2	1	100	

B.S. 410 / I.S.O. 3310 parts 2

Perforated Plate	
mm	
Round & Square Hole	Round Hole only
125	3.55
112	3.35
106	3.15
100	2.8
90	2.5
80	2.36
75	2.24
71	2
63	1.8
56	1.7
53	1.6
50	1.4
45	1.25
40	1.18
37.5	1.12
35.5	1
31.5	
28	
26.5	
25	
22.4	
20	
19	
18	
16	
14	
13.2	
12.5	
11.2	
10	
9.5	
9	
8	
7.1	
6.7	
6.3	
5.6	
5	
4.75	
4.5	
4	

American Standard Sieve Series

ASTM E11:87

Woven Wire			
mm	Alern.	µm	Altern.
125	5.00 in	850	No. 20
106	4.24 in	710	No. 25
100	4 in	600	No. 30
90	3 ½ in	500	No. 35
75	3 in	425	No. 40
63	2 ½ in	355	No. 45
53	2.12 in	300	No. 50
50	2 in	250	No. 60
45	1 3/4 in	212	No. 70
37.5	1 ½ in	180	No. 80
31.5	1 1/4 in	150	No. 100
26.5	1.06 in	125	No. 120
25	1 in	106	No. 140
22.4	7/8 in	90	No. 170
19	3/4 in	75	No. 200
16	5/8 in	63	No. 230
13.2	0.530 in	53	No. 270
12.5	½ in	45	No. 325
11.2	7/16 in	38	No. 400
9.5	3/8 in	32	No. 450
8	5/16 in	25	No. 500
6.7	0.265 in	20	No. 635
6.3	1/4 in		
5.6	No. 3 ½		
4.75	No. 4		
4	No. 5		
3.35	No. 6		
2.8	No. 7		
2.36	No. 8		
2	No. 10		
1.7	No. 12		
1.4	No. 14		
1.18	No. 16		
1	No. 18		

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