



STANDARD TEST SIEVES

The test sieves conform to the Indian Standards, and satisfy requirements of IS : 460 (Part-I) 1978 for the wire cloth test sieves and IS : 460 (part II) 1978 for perforated plate test sieves with respect to widths of aperture, permissible variations in aperture, wire diameter and screening areas.

The sieves from 22 micron to 3.35 mm size are available in 200 mm and have woven wire cloth fixed in spun brass frames, from 40 mm to 53 mm size are available in 300 mm size and from 63 mm to 125 mm size in 450 mm diameter.

The sieves of size 5.6 mm and above in 300 mm or 450 mm dia. are either of woven wire or perforated sheet and are fitted in G.I. Frames as per the requirement.

●● HS32.35

200 mm diameter, (Spun Brass Frame)

Aperture Size	Aperture Size
3.35 mm	850 µm
2.80 mm	710 µm
2.36 mm	600 µm
3.00 mm	500 µm
1.70 mm	425 µm
1.40 mm	355 µm
1.18 mm	300 µm
1.00 mm	250 µm
212 µm	63 µm
180 µm	53 µm
150 µm	45 µm
125 µm	38 µm
106 µm	32 µm
90 µm	26 µm
75 µm	22 µm



HS32.35

ACCESSORIES:

HS32.35.1 Lid and Receiver for 200 mm dia sieves, made of brass.

NOTE: All the aperture sizes listed under HS32.35 can be supplied in 100 mm or 150 mm dia spun brass frames on special order.

●● HS32.40

300 mm diameter, (Spun Brass Frames)

Aperture Size	Aperture Size
5.60 mm	300 µm
4.75 mm	250 µm
4.00 mm	212 µm
3.35 mm	180 µm
2.80 mm	150 µm
2.36 mm	125 µm
2.00 mm	106 µm
1.70 mm	90 µm
1.40 mm	75 µm
1.18 mm	63 µm
1.00 mm	53 µm
850 µm	45 µm
710 µm	38 µm
600 µm	32 µm
500 µm	26 µm
425 µm	22 µm
355 µm	

ACCESSORIES:

HS32.40 Lid and Receiver for 300 mm dia sieves, made of brass.

●● HS32.45

300 mm diameter (G.I. Sheet Frames)

Aperture Size	Aperture Size
53 mm	16.0 mm
45 mm	13.2 mm
37.5 mm	11.2 mm
31.5 mm	9.5 mm
26.5 mm	8.0 mm
22.4 mm	6.7 mm
19.0 mm	5.6 mm
4.75 mm	4.0 mm

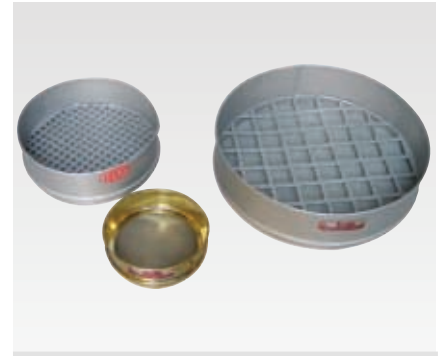
ACCESSORIES:

HS32.45.1 Lid and Receiver for 300 mm diameter sieves, made of G.I. Sheet.

●● HS32.50

450 mm diameter (G.I. Sheet Frames)

Aperture Size	Aperture Size
125 mm	22.4 mm
106 mm	19.0 mm
90.9 mm	16.0 mm
75.0 mm	13.2 mm
63.0 mm	11.2 mm
53.0 mm	9.5 mm
45.0 mm	8.0 mm
37.5 mm	6.7 mm
31.5 mm	5.6 mm
26.5 mm	4.75 mm



HS32.50

ACCESSORIES:

HS32.50.1 Lid and Receiver for 450 mm diameter sieves made of G.I. Sheet.



CONVERSION TABLE FOR STANDARD TEST SIEVES-

Indian Standard Sieve Designation	Sieve Series Width of Aperture mm	British Standard Sieve Series Mesh No.	ASTM. No.
5.60 mm	5.60	-	3.5
4.75 mm	4.75	4	4
4.00 mm	4.00	-	5
3.35 mm	3.35	5	6
2.80 mm	2.80	6	7
2.36 mm	2.36	7	8
2.00 mm	2.00	8	10
1.70 mm	1.70	10	12
1.40 mm	1.40	12	14
1.18 mm	1.18	14	16
1.00 mm	1.00	16	18
850 micron	0.850	18	20
710 micron	0.710	22	25
600 micron	0.600	25	30
500 micron	0.500	30	35
425 micron	0.425	36	40
355 micron	0.355	44	45
300 micron	0.300	52	50
250 micron	0.250	60	60
212 micron	0.212	72	70
180 micron	0.180	85	80
150 micron	0.150	100	100
125 micron	0.125	120	120
106 micron	0.106	150	140
90.9 micron	0.090	170	170
75.0 micron	0.075	200	200
63.0 micron	0.063	240	230
53.0 micron	0.053	300	270
45.0 micron	0.045	350	325