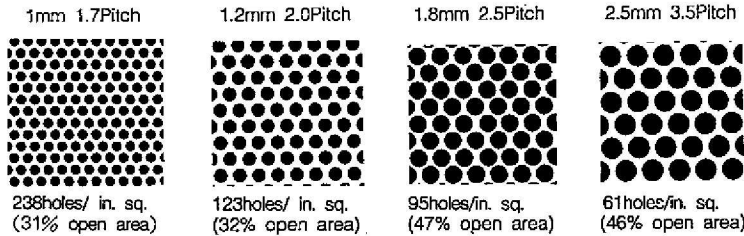


FILTERING METALS

Standard material for screen is 304 stainless steel plate perforated in 60 degree staggered arrangement, resisting corrosion and high temperature and being ideal for a wide of filtering and screening in industrial plants.

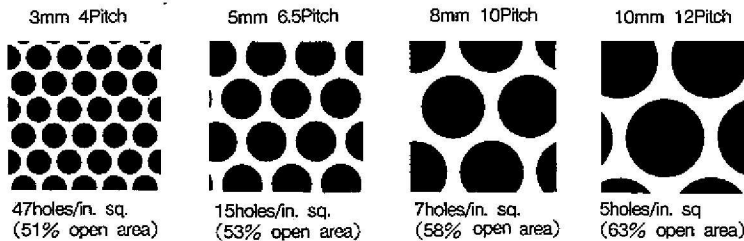
Perforated screen (stainless steel), staggered
For screen only



Dimensions of perforated screen
For screen only (unit:mm)

Size	Part	t	øD	P	R(%)
15~25		0.25	0.8	1.5	25.88
32~50		0.3	1.0	1.7	31.48
65~100		0.5	1.2	2.0	32.76
125~150		0.6	1.5	2.2	42.30
200		0.8	1.8	2.5	47.17
250~350		1.0	2.5	3.5	46.43

For mesh screen to be furnished with mesh required



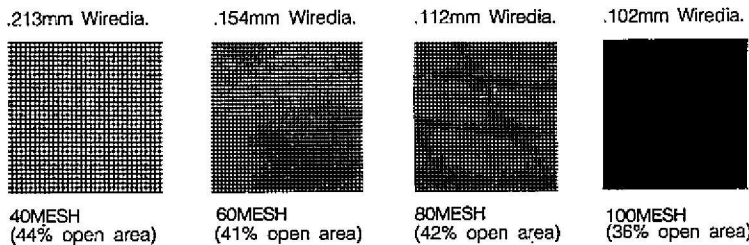
For screen with mesh inside (unit:mm)

Size	Part	t	øD	P	R(%)
15~50		0.5	3.0	4.0	51.19
65~100		0.7	5.0	6.5	53.85
125~200		1.0	8.0	10.0	58.24
250~350		1.5	10.0	12.0	63.19

For mesh to be coated screen (unit:mm)

Mesh	P	S.W.G	Wire dia.	R(%)
40	0.6350	35	0.2134	44.1
60	0.4233	38	0.1524	41.2
80	0.3175	41	0.1118	42.0
100	0.2540	42	0.1016	36.0

Mesh (stainless steel)



$$R = \frac{\sqrt{3}}{8} \times \frac{x}{p} \times \left(\frac{D}{P}\right)^2 \times 100 = \frac{91 \times D^2}{P^2} (\%)$$

R : Open area ratio(%)

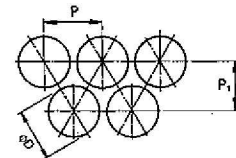
P : Pitch (Width)

P_i : Pitch (depth)

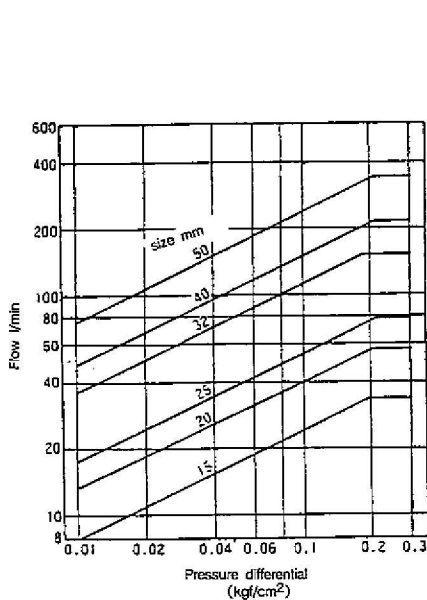
D : Diameter of hole

T : Thickness

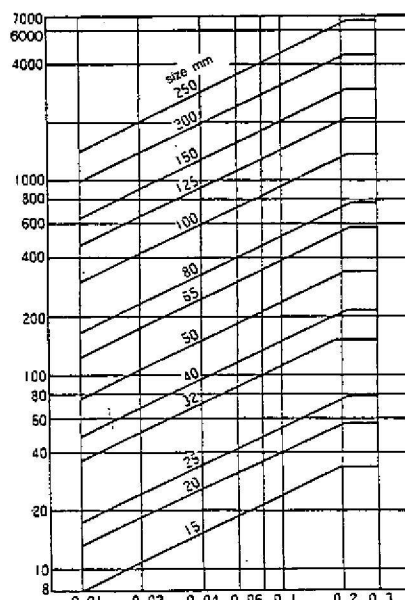
The letters show in dimension(mm)



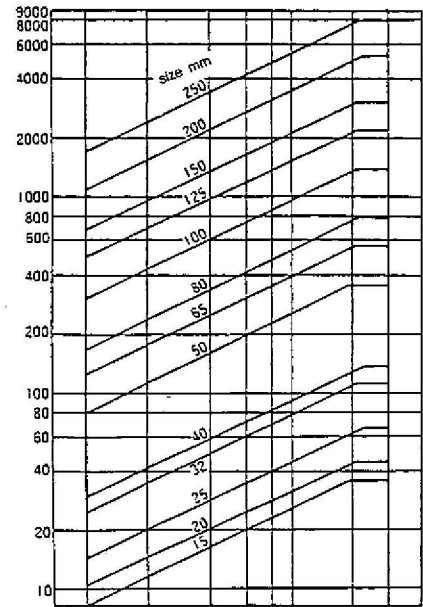
FRICION LOSS CURVE OF WATER HEAD



JKB & FST-S



FST-F



SST