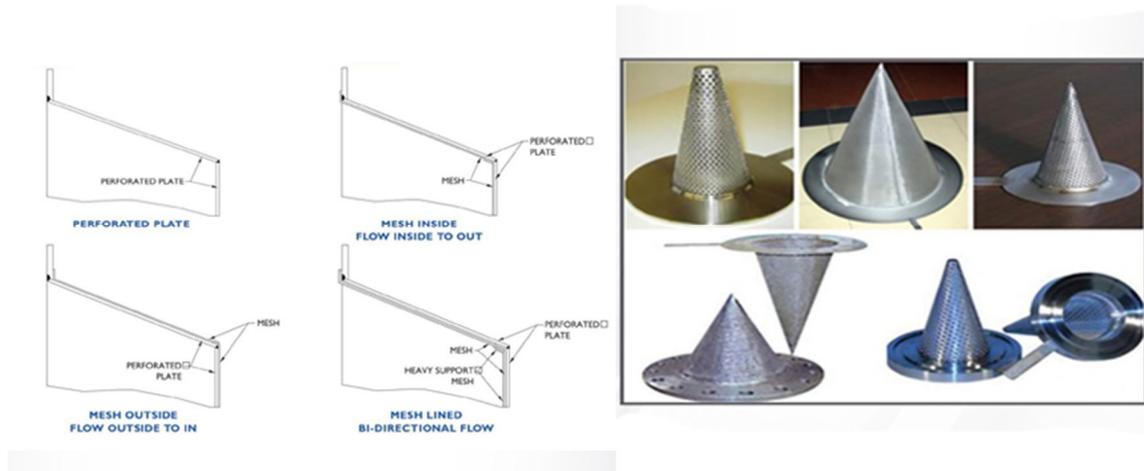


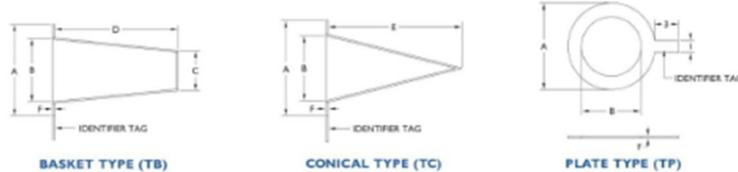
Conical Strainer



Design Features:

Strainers are used in Steam, water, oil or gas where protection from foreign matter in a pipeline is required. Perforated Sheets are rolled and formed into a conical shape with additional layers of wire mesh spot welded to the conical strainer. These strainers have the desired open area and are fabricated to withstand the required pressure drop. Additional reinforcements can be made on the strainers if required.

CONICAL STRAINER



Standard Screens		
Size Range	Opening	Gauge Thickness
3/4" - 8" (20mm - 200mm)	0.125 in. (3.2mm)	22
10" - 24" (250mm - 600mm)	0.125 in. (3.2mm)	16

Parts List and Standard Materials																
Size in. (mm)	A (O.D.) in. (mm)				B (I.D.) in. (mm)	C in. (mm)	D (Basket Length) in. (mm)				E (Cone Length) in. (mm)				F ² Weight in. Lbs. (mm) (Kg)	
	150#	300#	600#	900#			1500#	100%	150%	200%	300%	100%	150%	200%		300%
3/4"	2.13	2.50	2.63	2.63	0.63	0.31	0.75	1.13	1.50	2.25	1.13	1.69	2.25	3.38	0.13	0.5
20	54	64	67	67	16	8	19	29	38	57	29	43	57	86	3	0.2
1"	2.50	2.75	3.00	3.00	0.75	0.38	1.13	1.69	2.25	3.38	1.63	2.50	3.31	5.00	0.13	0.5
25	64	70	76	76	19	10	29	43	57	86	41	64	84	127	3	0.2
1 1/2"	3.25	3.63	3.75	3.75	1.25	0.63	1.50	2.25	3.00	4.50	2.19	3.38	4.50	6.75	0.13	0.5
40	83	92	95	95	22	16	38	57	76	114	56	86	114	171	3	0.2
2"	4.00	4.25	5.50	5.50	1.75	0.88	2.00	3.00	4.00	6.00	3.00	4.50	6.00	9.13	0.13	0.5
50	102	108	140	140	44	22	51	76	102	152	76	114	152	232	3	0.2
2 1/2"	4.75	5.00	6.38	6.38	2.25	1.13	2.19	3.37	4.50	6.75	3.19	5.00	6.69	10.13	0.13	1
65	121	127	162	162	57	29	56	86	114	171	81	127	170	257	3	0.5
3"	5.25	5.75	6.50	6.75	2.75	1.38	2.75	4.25	5.69	8.50	4.00	6.25	8.50	12.75	0.13	1
80	133	146	165	171	70	35	70	108	145	216	102	159	216	324	3	0.5
4"	6.75	7.50	8.00	8.13	3.75	1.88	3.50	5.32	7.19	11.00	5.13	7.88	10.63	17.00	0.13	2
100	171	191	203	206	95	48	99	135	183	279	130	200	270	432	3	0.9
5"	7.63	9.38	9.63	9.88	4.63	2.31	4.50	6.75	9.13	14.00	6.50	10.13	14.00	21.00	0.13	2
125	194	238	244	251	117	59	114	171	232	356	165	257	356	533	3	0.9
6"	8.63	10.37	11.25	11.00	5.38	2.69	5.50	8.50	11.37	17.00	8.13	13.00	17.00	26.00	0.13	3
150	219	263	286	279	137	68	140	216	289	432	207	330	432	640	3	1.4
8"	10.87	12.50	14.00	13.75	7.38	3.69	7.00	10.69	15.00	22.00	10.19	16.00	22.00	33.00	0.13	5
200	276	318	356	349	187	94	178	272	381	559	259	406	559	838	3	2.3
10"	13.25	15.63	17.00	17.00	9.38	4.69	8.63	14.00	18.00	27.00	13.00	20.00	27.00	40.00	0.13	7
250	337	397	432	432	238	119	219	354	457	686	330	508	686	1016	3	3.2
12"	16.00	17.87	19.50	20.37	11.00	5.50	10.50	17.00	22.00	33.00	16.00	24.00	33.00	49.00	0.13	11
300	406	454	495	517	279	140	267	432	559	838	404	610	838	1245	3	5.0
14"	17.37	19.00	20.37	22.62	12.25	6.13	11.50	18.00	24.00	36.00	17.00	27.00	36.00	54.00	0.13	12
350	441	483	517	575	311	156	292	457	610	914	432	686	914	1372	3	5.4
16"	20.12	21.87	22.50	25.13	14.00	7.00	14.00	21.00	28.00	42.00	20.00	31.00	41.00	62.00	0.13	16
400	511	555	572	638	354	178	356	533	711	1067	508	787	1041	1575	3	7.3
18"	21.25	23.75	25.00	27.63	15.75	7.88	16.00	24.00	32.00	47.00	23.00	35.00	47.00	71.00	0.13	20
450	540	603	635	702	400	200	406	610	813	1194	584	889	1194	1803	3	9.1
20"	23.50	26.62	27.38	29.63	17.50	8.75	17.00	27.00	35.00	53.00	25.00	39.00	53.00	79.00	0.13	26
500	597	676	695	753	445	222	432	686	889	1346	635	991	1346	2007	3	11.8
24"	27.87	30.87	32.88	35.38	21.25	10.63	21.00	32.00	42.00	64.00	30.00	47.00	63.00	95.00	0.13	30
600	708	794	835	899	540	270	533	813	1067	1626	762	1194	1600	2413	3	13.6