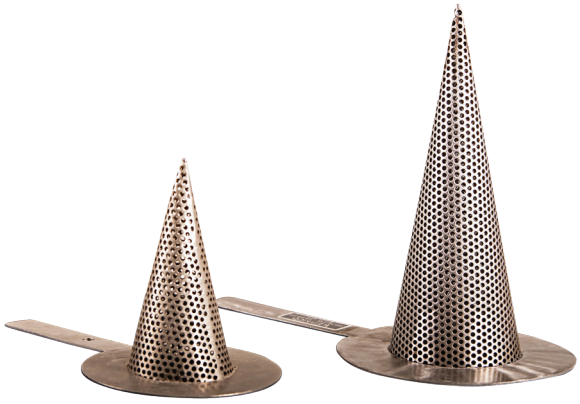
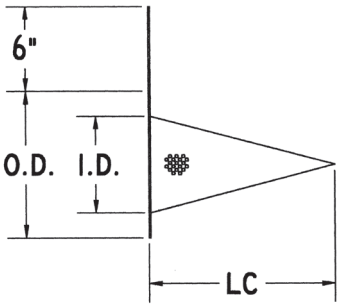
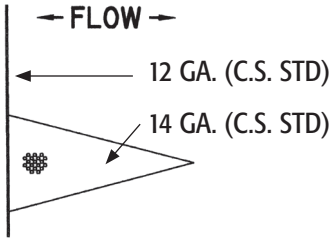
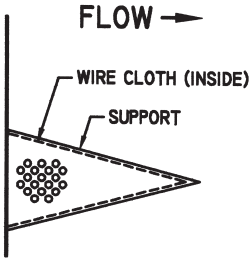
Cone Strainers



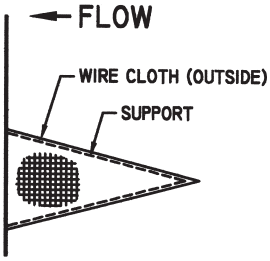




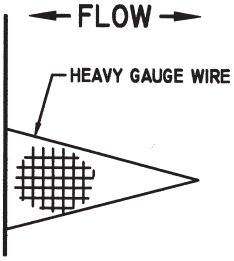
TYPE CP
1 ply perforated plate



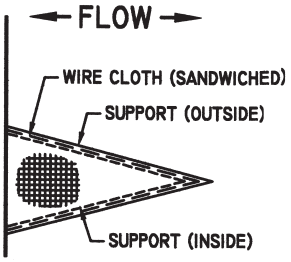
TYPE CWI
Wire cloth inside
Heavier support outside



TYPE CWO
Wire cloth outside
Heavier support inside



TYPE CW
1 ply heavy wire (SS)



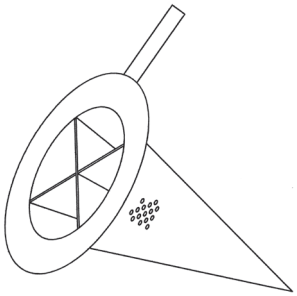
TYPE CTP
Wire cloth between
Heavier support inside
and outside

LINE SIZE (IN.)	LENGTH LC BASED ON % OF OPEN AREA			
	100% (STANDARD LENGTH)	150%	200%	300%
2	4	6	8	11
3	6	9	12	18
4	8	10	13	20
6	11	13	18	27
8	12	17	23	34
10	14	22	29	44
12	16	26	35	50
14	18	27	36	53
16	21	31	40	60
18	24	35	46	68
20	26	39	51	76
24	31	45	60	90
30	38	57	76	114
36	44	66	88	126

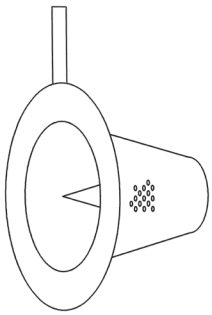
Open area ratios are based on cross sectional flow area of standard weight pipe, using a 40% open area basket media (see Bulletin AC-112).

- All dimensions are in inches
- Standard lengths are designed to fit weld neck flange plus long radius weld elbow
- OD is designed to fit inside flange bolt hole circle
- Full face with bolt holes is available
- ID is designed to fit inside standard weight pipe for 150# and 300# ASME, extra strong pipe for 600# ASME
- Advise pipe wall or schedule for higher pressure ratings
- See Bulletin BP112 for additional temporary strainer information

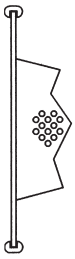
Cone Strainers



Cross bracing can be installed in both cone and basket strainers to help prevent collapse.



Both cone and basket strainers can be inverted to obtain a high percent of open area in a tight piping situation.



RTJ ring gasket is available with any type of temporary strainer.

CONES & BASKET STRAINERS											
LINE SIZE (IN.)	DIMENSIONS IN INCHES							ASA RING TYPE JOINT GASKET NUMBER (SOFT IRON CADMIUM PLATED IS STANDARD)			
	ID			OD							
	150/300 lb. RF/FF/RJ	600 lb. RF/RJ	900/1500 lb. RF/RJ	150/300 lb. RF/RJ	600 lb. RF	900 lb. RF	1500 lb. RF	300/600 lb. RTJ	900 lb. RTJ	1500 lb. RTJ	2500 lb. RTJ
2	1 7/8	1 7/8		4	4 1/8	5 1/2	5 1/2	R23	R24	R24	R26
2 1/2	2 1/4	1 15/16		4 5/8	5	6 1/4	6 3/8	R26	R27	R27	R28
3	2 7/8	2 33/64		5 1/4	5 3/4	6 1/2	6 3/4	R31	R31	R35	R32
4	3 3/4	3 5/8		6 3/4	7 1/2	8	8 1/8	R37	R37	R39	R38
6	5 3/4	5 5/8		8 5/8	10 1/8	11 1/4	11	R45	R45	R46	R47
8	7 1/2	7 3/8		10 3/4	12 3/8	14	13 3/4	R49	R49	R50	R51
10	9 1/2	9 1/4	*	13 1/8	15 1/2	17	17	R53	R53	R54	R55
12	11 1/2	11 1/8		15 7/8	17 3/4	19 3/8	20 1/4	R57	R57	R58	R60
14	12 7/8			17 1/2	19 1/8	20 1/4	-	R61	R62	R63	-
16	14 3/4			20	22	22 3/8	-	R65	R66	R67	-
18	16 3/4	*		21 3/8	23 7/8	24 7/8	-	R69	R70	R71	-
20	18 3/4			23 5/8	26 5/8	27 1/4	-	R73	R74	R75	-
24	22 3/4			28	30 7/8	32 3/4	-	R77	R78	R79	-

*Advise pipe schedule or flange dia. of bore. Strainer ID will be appropriately sized less than bore for proper fit. Larger sizes available.

Minimum Information Required for RFQ:

1. Quantity
2. Line size
3. Mating flange rating
4. Flange face type
5. Type of strainer required
6. Length or open area required
7. Material of construction
8. Wire mesh & material if required

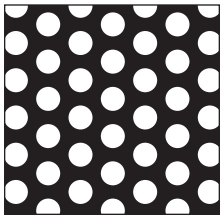
Reference Bulletin SI-112 for additional strainer design selection and construction information.

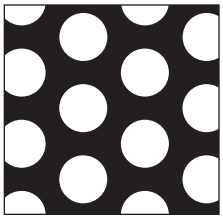
Materials Data

Perforated, Expanded Metal and Wire Cloth Media

Perforated patterns normally stocked

PATTERN		% OPEN AREA	# HOLES PSI	MATERIAL/GAUGE		
DIA	CENTERS			C.S.	304SS	316SS
1/8	3/16	40	33	14,11	14	14
3/16	1/4	51	18	14	16	16
1/4	3/8	40	8	11	14,11	14,11
3/8	9/16	40	3,7	11	11	-
1/2	11/16	48	2,4	11	11	-

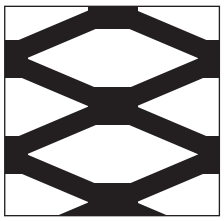

1/8" DIA. on 3/16" CTR


1/4" DIA. on 3/8" CTR

Expanded metal normally stocked

For straining or fine mesh wire cloth support

SIZE	TYPE	% OPEN AREA	MATERIAL	
			C.S.	304SS
1/2	Flattened	62	16	16
3/4	Flattened	72	13	13

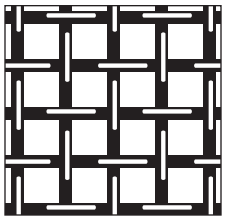

1/2" Expanded

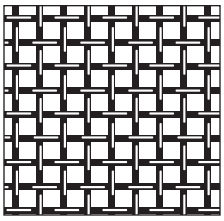

3/4" Expanded

Wire cloth normally stocked

Coarse mesh for straining or support

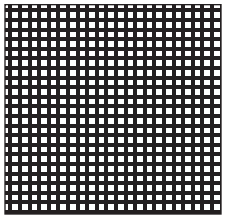
MESH*	WIRE DIA.	OPENING	MICRONS	% OPEN AREA
3 x 3	.080	.2533	6429	57.6
4 x 4	.063	.1870	4746	56.0
8 x 8	.035	.0900	2284	51.8
8 x 8	.047	.0780	1980	38.9
10 x 10	.035	.0650	1650	42.3

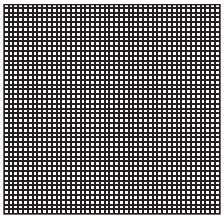

4 x 4 Mesh


8 x 8 Mesh

Fine mesh requiring support

MESH*	WIRE DIA.	OPENING	MICRONS	% OPEN AREA
20 x 20	.016	.0340	863	46.2
30 x 30	.012	.0213	541	41.0
40 x 40	.010	.0150	381	36.0
60 x 60	.0075	.0092	234	30.5
80 x 80	.0055	.0070	178	31.4
100 x 100	.0045	.0055	140	30.3


20 x 20 Mesh


40 x 40 Mesh

*Number of wires per linear inch. All meshes shown are available, in 304SS and 316SS.
Other meshes and materials are available upon request.
All dimensions in inches. C.S. = Carbon Steel

Linear Equivalents:
1 micron = .0000394 inches
25,400 microns = 1 inch
See Bulletin TG-112 for a comparative chart.