

"Y" STRAINERS

Steel / Stn. Stl. - 1500Y Series



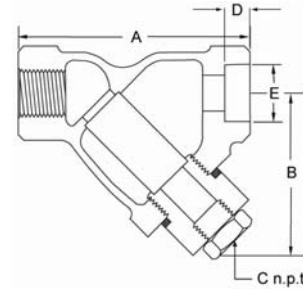
Threaded Cover (Sizes 1/2" to 1")



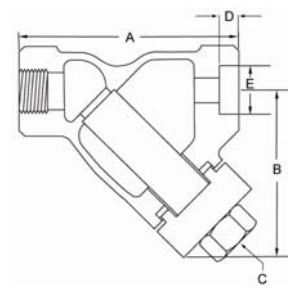
Bolted Cover (Sizes 1-1/4" to 2")

Model 1500YTS (Threaded) – Cbn. Steel
 Model 1500YSWS (Socket Weld) – Cbn. Steel
 Model 1500YTSS (Threaded) – Stn. Steel
 Model 1500YSWSS (Socket Weld) – Stn. Steel

Model 1500YTSB (Threaded) – Cbn. Steel
 Model 1500YSWSB (Socket Weld) – Cbn. Steel
 Model 1500YTSSB (Threaded) – Stn. Steel
 Model 1500YSWSSB (Socket Weld) – Stn. Steel



Threaded Cover



Bolted Cover

NOTES

- **SCREENS:** 1/32" perforated type 304SS supplied as standard. Other meshes, perforations and materials are available upon request.
- **CAPS:** Straight threaded and gasketed caps with a plugged blowdown connection are standard on sizes up to 1". Blind flanged and gasketed caps are supplied on sizes 1-1/4" and larger. For sizes 1-1/4" and larger, blowdown connections are available upon request.

MATERIALS

PART	1500YTS (Carbon Stl.)	1500YTSS (Stn. Stl.)
Body	A216-WCB	A351-CF8M
Screen	304 Stainless Steel	304 Stainless Steel
Gasket	304SS Spiral Wound	304SS Spiral Wound
Cap	A216-WCB	A351-CF8M
Plug	A105	A182-316

PRESSURE AND TEMPERATURE RATINGS

Temperature		Working Pressures			
		Carbon Steel		Stainless Steel	
°C	°F	kPa	PSI	kPa	PSI
-30 to 40	-20 to 200	25546	3705	24822	3600
95	200	23701	3375	21340	3095
150	300	22616	3280	19272	2795
200	400	21857	3170	17720	2570
260	500	20651	2995	16479	2390
315	600	18858	2735	15548	2255
370	700	18375	2665	14893	2160
425	800	14204	2060	14307	2075
480	900	5930	860	13583	1970

For temperatures over 900°F, please consult the factory

FEATURES

- Available with threaded (npt) or socket weld inlet/outlet connections
- Upper and lower machined seats
- Low Temp Carbon Steel, Chrome Moly or Alloy 20 body are available upon request

DIMENSIONS AND WEIGHTS

Size		DIMENSIONS										Weight	
		A		B		C		D		E			
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	kg	lbs
15	1/2	100	3-15/16	97	3-13/16	8	1/4	21.7	0.855	10	3/8	1.1	2-1/2
20	3/4	108	4-1/4	106	4-1/8	10	3/8	27.1	1.065	15	1/2	1.8	4
25	1	127	5	137	5-3/8	15	1/2	33.8	1.330	15	1/2	3.2	7
32	1-1/4	213	8-3/8	157	6-1/8	OPTIONAL		42.5	1.675	15	1/2	10	22
40	1-1/2	213	8-3/8	157	6-1/8	OPTIONAL		48.6	1.915	15	1/2	10	22
50	2	238	9-3/8	183	7-1/8	OPTIONAL		61.2	2.406	17	5/8	13.6	30

Colton has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice



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BULLETIN STR240-1