



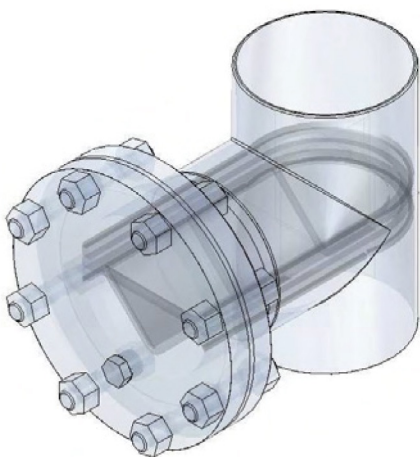
“Tee” STRAINERS

Our Tee Strainer section includes different types of strainers.
In the following tabs you can visualize the table of the desired strainer.

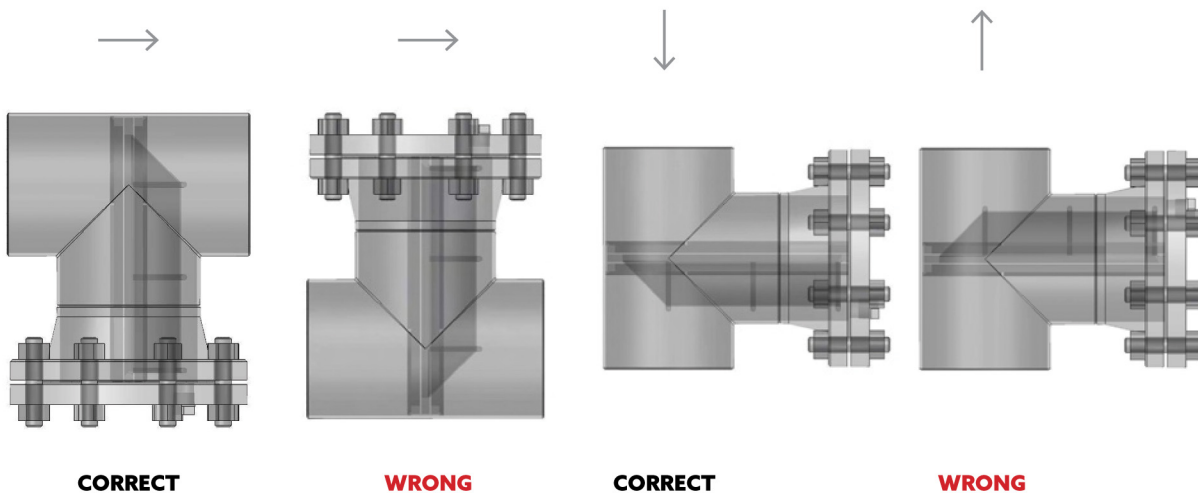
“Tee” STRAINER PAP

TS150

(Tee type strainer, class 150)

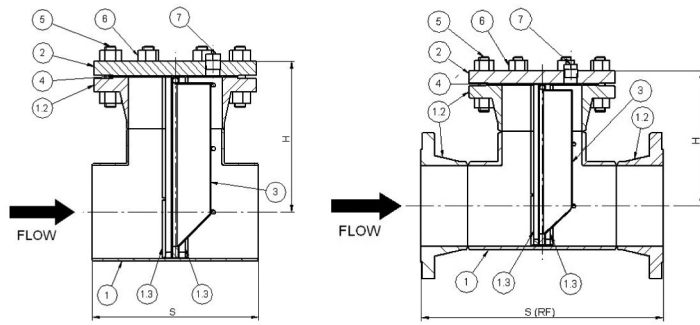


Strainer maintenance should be made at least once year, or whenever the pressure drop is found to be in Designed according to ANSI B16.34 strainer bodies are produced with a higher wall thickness to increase corrosion allowance. Standard strainers are equipped with screens for the average service of most gases & fluids (steam, gas, air, oil, chemicals, ect.). A large screen open area ensures an efficient filtering action with a low pressure drop. Filtering area to inlet area ratio is higher than 3 to 1. Screens area is manufactured with perforated plate in the materials and with the perforation specified in the relevant tables. Screens with different perforation (or wire mesh) and materials can be manufactured on request it is possible to manufacture screens.



All strainers should be mounted as close as possible to the valve or machinery they are installed to protect. It is important to ensure that the strainer is installed with the flow following the same direction of the flow direction arrow cast on the strainer body.

In horizontal or inclined pipelines, ensure that the screen housing is always mounted below the pipeline. In vertical pipelines “ Tee ” - strainers should never be installed in upward flow condition. (see above)



CONNECTIONS

Buttweld ANSI B16.25
 Flanged ANSI B16.5
 (Not for TS2500 - CLAMPED)

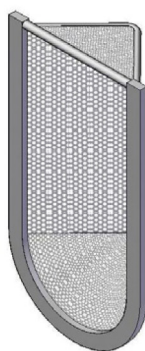
POS.	DESCRIPTION	MATERIALS				SPARES
1	Body	ASTM A234 WPB	ASTM A420 WPL6	ASTM WP 403 F316	ASTM A234 WP5	
1.2	Flange	ASTM A105	ASTM A350 LF2	ASTM A182 F316	ASTM A182 F5	
1.3	Guide rods	S.S. 304	S.S. 304	S.S. 304	S.S. 304	
2	Blind flange	ASTM A105	ASTM A350 LF2	ASTM A182 F316	ASTM A182 F5	
3	*Basket	S.S. 304	S.S. 304	S.S. 304	S.S. 304	X
4	Gasket	SS316/Graph.	SS316/Graph.	SS316/Graph.	SS316/Graph.	X
5	Stud Bolts	ASTM A193 B7	ASTM A320 L7	ASTM A320 L7	ASTM A193 B7	
6	Nuts	ASTM A194 2H	ASTM A194 Gr.4	ASTM A194 Gr.4	ASTM A194 2H	
7	Plug	ASTM A105	ASTM A350 LF2	ASTM A182 F316	ASTM A182 F5	

OTHER MATERIALS ON REQUEST

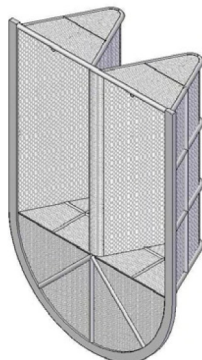
* BASKET TYPE: V - W - WW - Z. Basket configuration depend of % ratio requested by customer

Size (inches)	2"	3"	4"	6"	8"	10"	12"	16"	18"	20"	24"	26"
S	127	172	210	286	356	432	508	610	686	762	864	990
SF	254	312	363	464	560	636	737	864	966	1052	1169	1235
H	148	182	208	260	311	351	403	472	525	571	635	688

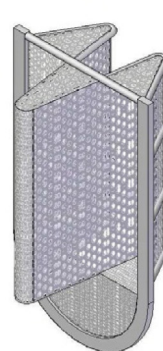
Dimension : SF , S , H are in millimeters (mm)



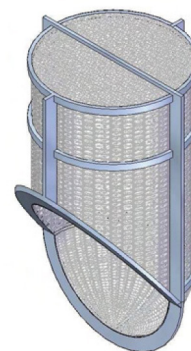
V Type



W Type



WW Type



Z Type

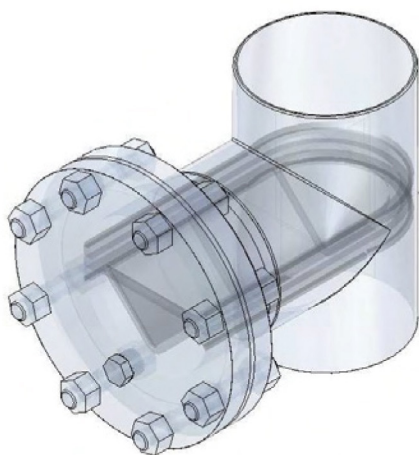
MAINTENANCE

Strainer maintenance should be made at least once a year, or whenever the pressure drop is higher than normal figures. A quick clean-up system, to perform approximately once a month, is to blow off small impurities through the drain-plug (5). It is recommended to install a drain valve by a nipple to the drain hole to speed-up this operation. For a complete maintenance follow the points herebelow: **1-** Be sure that the main line has been shut off. **2-** Untighten cover stud bolts (5) and nuts (6) and remove cover [blind flange] (2) and gasket (4). **3-** Remove basket (3) and carefully inspect it for damages. If any hole in the screen is clogged up, clean it with compressed air and / or any suitable tool. If the screen is broken in any part or out of shape, replace it with a new spare one. **4-** Carefully clean the inside of the strainer body. **5-** Fit a new gasket (4). **6-** Install the new screen or the cleaned one (3). **7-** Put cover in place (2). **8-** Slowly give pressure to the line, checking for leakages. **9-** Write on the strainer body the date of this maintenance operation.

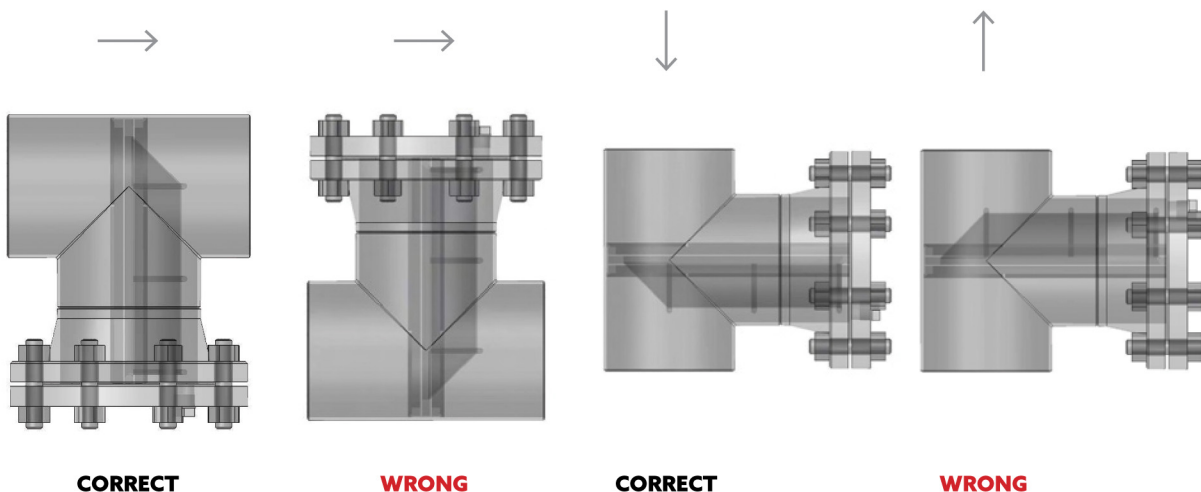
“Tee” STRAINER PAP

TS300

(Tee type strainer, class 300)

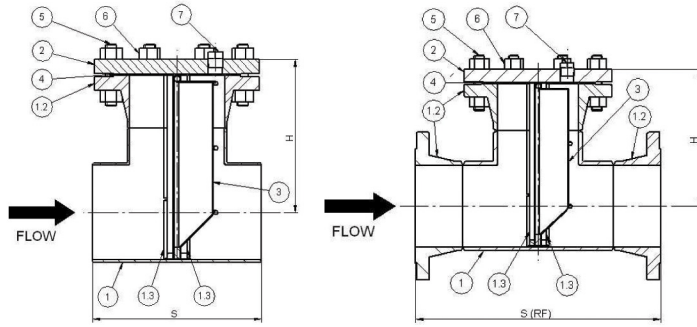


Strainer maintenance should be made at least once year, or whenever the pressure drop is found to be in Designed according to ANSI B16.34 strainer bodies are produced with a higher wall thickness to increase corrosion allowance. Standard strainers are equipped with screens for the average service of most gases & fluids (steam, gas, air, oil, chemicals, ect.). A large screen open area ensures an efficient filtering action with a low pressure drop. Filtering area to inlet area ratio is higher than 3 to 1. Screens area is manufactured with perforated plate in the materials and with the perforation specified in the relevant tables. Screens with different perforation (or wire mesh) and materials can be manufactured on request it is possible to manufacture screens.



All strainers should be mounted as close as possible to the valve or machinery they are installed to protect. It is important to ensure that the strainer is installed with the flow following the same direction of the flow direction arrow cast on the strainer body.

In horizontal or inclined pipelines, ensure that the screen housing is always mounted below the pipeline. In vertical pipelines “ Tee ” - strainers should never be installed in upward flow condition. (see above)



CONNECTIONS

Buttweld ANSI B16.25
 Flanged ANSI B16.5
 (Not for TS2500 - CLAMPED)

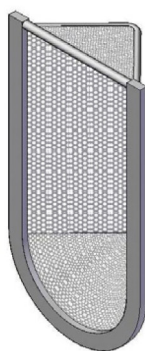
POS.	DESCRIPTION	MATERIALS				SPARES
1	Body	ASTM A234 WPB	ASTM A420 WPL6	ASTM WP 403 F316	ASTM A234 WP5	
1.2	Flange	ASTM A105	ASTM A350 LF2	ASTM A182 F316	ASTM A182 F5	
1.3	Guide rods	S.S. 304	S.S. 304	S.S. 304	S.S. 304	
2	Blind flange	ASTM A105	ASTM A350 LF2	ASTM A182 F316	ASTM A182 F5	
3	*Basket	S.S. 304	S.S. 304	S.S. 304	S.S. 304	X
4	Gasket	SS316/Graph.	SS316/Graph.	SS316/Graph.	SS316/Graph.	X
5	Stud Bolts	ASTM A193 B7	ASTM A320 L7	ASTM A320 L7	ASTM A193 B7	
6	Nuts	ASTM A194 2H	ASTM A194 Gr.4	ASTM A194 Gr.4	ASTM A194 2H	
7	Plug	ASTM A105	ASTM A350 LF2	ASTM A182 F316	ASTM A182 F5	

OTHER MATERIALS ON REQUEST

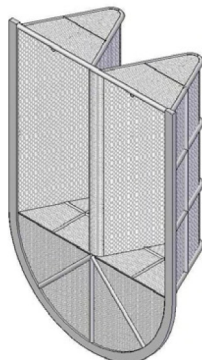
* BASKET TYPE: V - W - WW - Z. Basket configuration depend of % ratio requested by customer

Size (inches)	2"	3"	4"	6"	8"	10"	12"	16"	18"	20"	24"
S	127	172	210	286	356	432	508	610	686	762	864
SF	268	332	382	483	579	668	769	903	1004	1086	1201
H	158	197	225	281	333	385	438	511	565	609	673

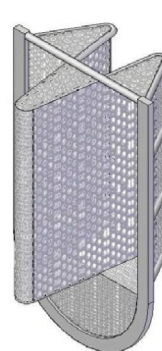
Dimension : SF , S , H are in millimeters (mm)



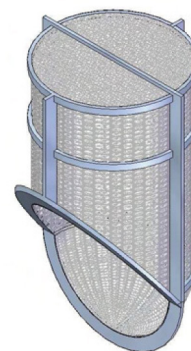
V Type



W Type



WW Type



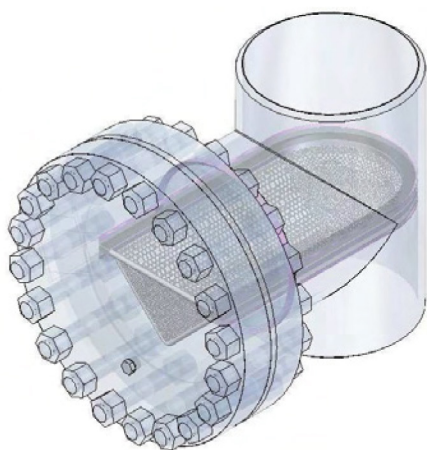
Z Type

MAINTENANCE

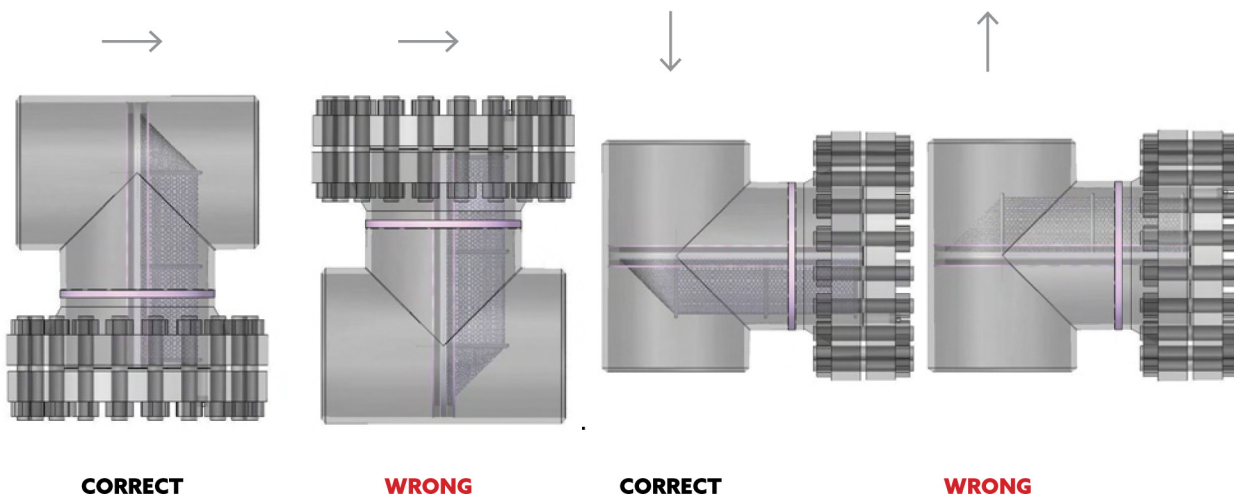
Strainer maintenance should be made at least once a year, or whenever the pressure drop is higher than normal figures. A quick clean-up system, to perform approximately once a month, is to blow off small impurities through the drain-plug (5). It is recommended to install a drain valve by a nipple to the drain hole to speed-up this operation. For a complete maintenance follow the points herebelow: **1-** Be sure that the main line has been shut off. **2-** Untighten cover stud bolts (5) and nuts (6) and remove cover [blind flange] (2) and gasket (4). **3-** Remove basket (3) and carefully inspect it for damages. If any hole in the screen is clogged up, clean it with compressed air and / or any suitable tool. If the screen is broken in any part or out of shape, replace it with a new spare one. **4-** Carefully clean the inside of the strainer body. **5-** Fit a new gasket (4). **6-** Install the new screen or the cleaned one (3). **7-** Put cover in place (2). **8-** Slowly give pressure to the line, checking for leakages. **9-** Write on the strainer body the date of this maintenance operation.

“Tee” STRAINER PAP TS600

(Tee type strainer, class 600)

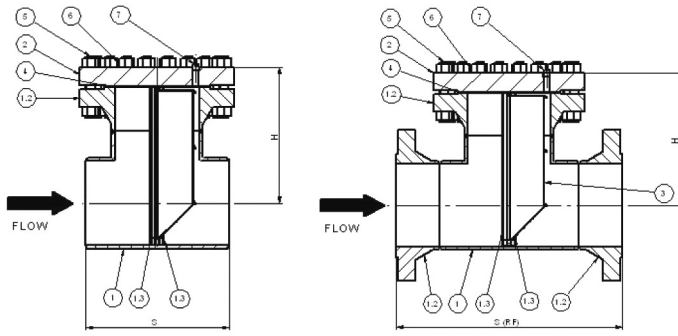


Strainer maintenance should be made at least once year, or whenever the pressure drop is found to be in Designed according to ANSI B16.34 strainer bodies are produced with a higher wall thickness to increase corrosion allowance. Standard strainers are equipped with screens for the average service of most gases & fluids (steam, gas, air, oil, chemicals, ect.). A large screen open area ensures an efficient filtering action with a low pressure drop. Filtering area to inlet area ratio is higher than 3 to 1. Screens area is manufactured with perforated plate in the materials and with the perforation specified in the relevant tables. Screens with different perforation (or wire mesh) and materials can be manufactured on request it is possible to manufacture screens.



All strainers should be mounted as close as possible to the valve or machinery they are installed to protect. It is important to ensure that the strainer is installed with the flow following the same direction of the flow direction arrow cast on the strainer body.

In horizontal or inclined pipelines, ensure that the screen housing is always mounted below the pipeline. In vertical pipelines “ Tee ” - strainers should never be installed in upward flow condition. (see above)



CONNECTIONS

Buttweld ANSI B16.25
 Flanged ANSI B16.5
 (Not for TS2500 - CLAMPED)

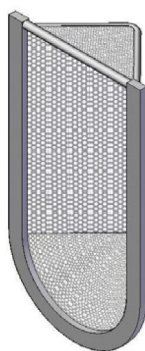
POS.	DESCRIPTION	MATERIALS				SPARES
1	Body	ASTM A234 WPB	ASTM A420 WPL6	ASTM WP 403 F316	ASTM A234 WP5	
1.2	Flange	ASTM A105	ASTM A350 LF2	ASTM A182 F316	ASTM A182 F5	
1.3	Guide rods	S.S. 304	S.S. 304	S.S. 304	S.S. 304	
2	Blind flange	ASTM A105	ASTM A350 LF2	ASTM A182 F316	ASTM A182 F5	
3	*Basket	S.S. 304	S.S. 304	S.S. 304	S.S. 304	X
4	Gasket	SS316/Graph.	SS316/Graph.	SS316/Graph.	SS316/Graph.	X
5	Stud Bolts	ASTM A193 B7	ASTM A320 L7	ASTM A320 L7	ASTM A193 B7	
6	Nuts	ASTM A194 2H	ASTM A194 Gr.4	ASTM A194 Gr.4	ASTM A194 2H	
7	Plug	ASTM A105	ASTM A350 LF2	ASTM A182 F316	ASTM A182 F5	

OTHER MATERIALS ON REQUEST

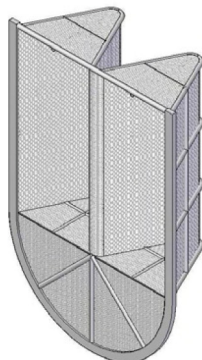
* BASKET TYPE: V - W - WW - Z. Basket configuration depend of % ratio requested by customer

Size (inches)	2"	3"	4"	6"	8"	10"	12"	16"	18"	20"	24"
S	127	172	210	286	356	432	508	610	686	762	864
SF	286	351	427	535	636	750	833	979	1067	1156	1284
H	177	216	260	324	382	492	574	624	676	753	673

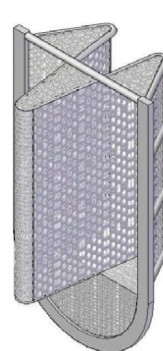
Dimension : SF , S , H are in millimeters (mm)



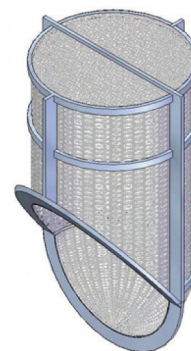
V Type



W Type



WW Type



Z Type

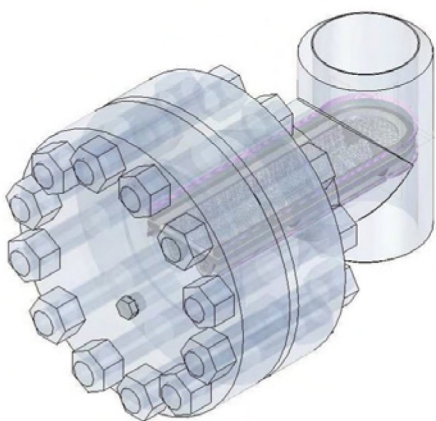
MAINTENANCE

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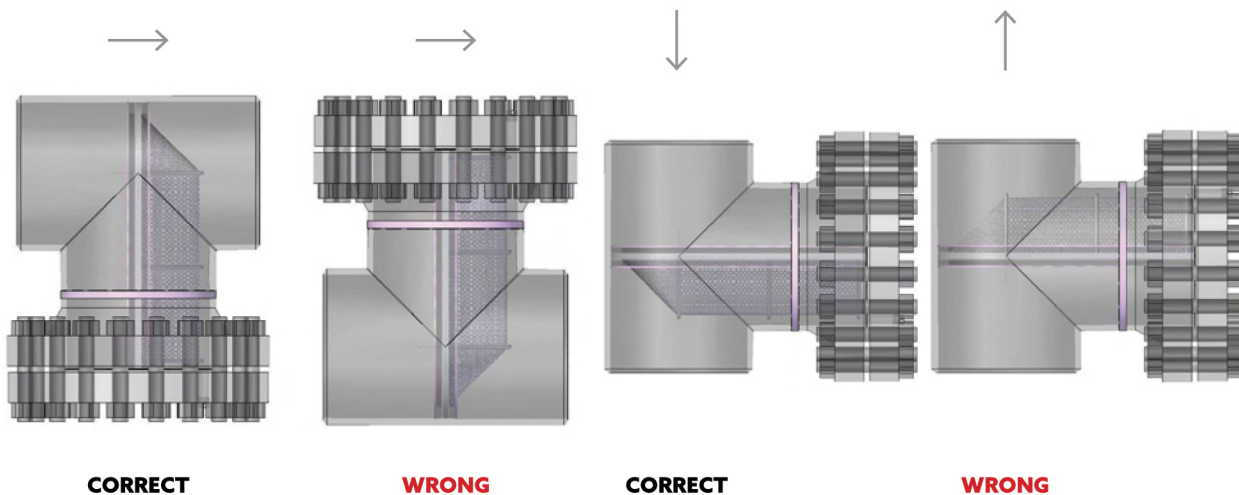
“Tee” STRAINER PAP

TS600

(Tee type strainer, class 600)

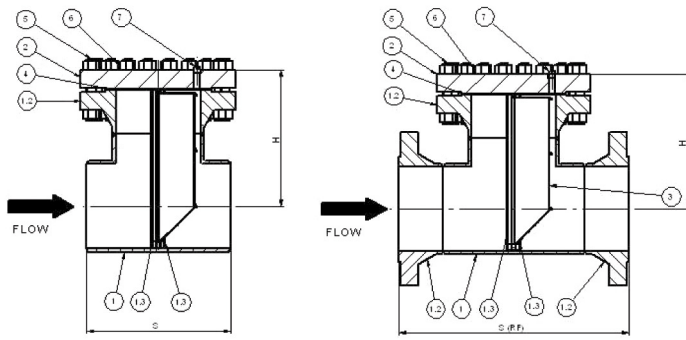


Strainer maintenance should be made at least once year, or whenever the pressure drop is found to be in Designed according to ANSI B16.34 strainer bodies are produced with a higher wall thickness to increase corrosion allowance. Standard strainers are equipped with screens for the average service of most gases & fluids (steam, gas, air, oil, chemicals, ect.). A large screen open area ensures an efficient filtering action with a low pressure drop. Filtering area to inlet area ratio is higher than 3 to 1. Screens area is manufactured with perforated plate in the materials and with the perforation specified in the relevant tables. Screens with different perforation (or wire mesh) and materials can be manufactured on request it is possible to manufacture screens.



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In horizontal or inclined pipelines, ensure that the screen housing is always mounted below the pipeline. In vertical pipelines “ Tee ” – strainers should never be installed in upward flow condition. (see above)


CONNECTIONS

Buttweld ANSI B16.25
Flanged ANSI B16.5
(Not for TS2500 - CLAMPED)

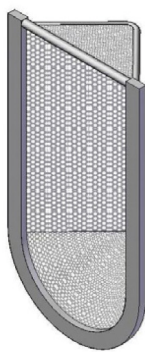
POS.	DESCRIPTION	MATERIALS				SPARES
1	Body	ASTM A234 WPB	ASTM A420 WPL6	ASTM WP 403 F316	ASTM A234 WP5	
1.2	Flange	ASTM A105	ASTM A350 LF2	ASTM A182 F316	ASTM A182 F5	
1.3	Guide rods	S.S. 304	S.S. 304	S.S. 304	S.S. 304	
2	Blind flange	ASTM A105	ASTM A350 LF2	ASTM A182 F316	ASTM A182 F5	
3	*Basket	S.S. 304	S.S. 304	S.S. 304	S.S. 304	X
4	Gasket	SS316/Graph.	SS316/Graph.	SS316/Graph.	SS316/Graph.	X
5	Stud Bolts	ASTM A193 B7	ASTM A320 L7	ASTM A320 L7	ASTM A193 B7	
6	Nuts	ASTM A194 2H	ASTM A194 Gr.4	ASTM A194 Gr.4	ASTM A194 2H	
7	Plug	ASTM A105	ASTM A350 LF2	ASTM A182 F316	ASTM A182 F5	

OTHER MATERIALS ON REQUEST

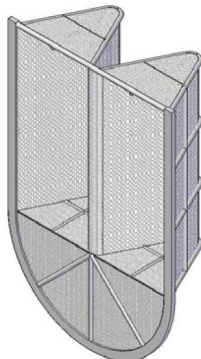
* BASKET TYPE: V - W - WW - Z. Basket configuration depend of % ratio requested by customer

Size (inches)	2"	3"	4"	6"	8"	10"	12"	16"	18"	20"	24"
S	127	172	210	286	356	432	508	610	686	762	864
SF	343	389	453	579	694	813	922	1056	1157	1271	1462
H	219	242	279	353	419	485	549	626	689	752	879

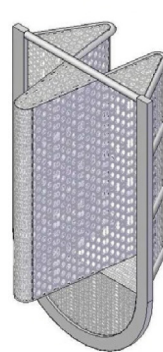
Dimension : SF , S , H are in millimeters (mm)



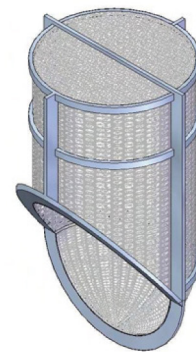
V Type



W Type



WW Type



Z Type

MAINTENANCE

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