

spirax sarco

TP1 and TP2 Stainless Steel Temporary Cone Shaped Strainers

Description

The conical (TP1) and truncated conical (TP2) temporary strainers have been designed to fit between two flanges and are generally used during commissioning and start-up to remove any coarse debris. They are suitable for use on a wide range of fluids for applications in process lines, hot water systems, steam and condensate systems etc. The standard screens are manufactured using 3 mm perforated stainless steel. Other perforations or material of construction are available on request.

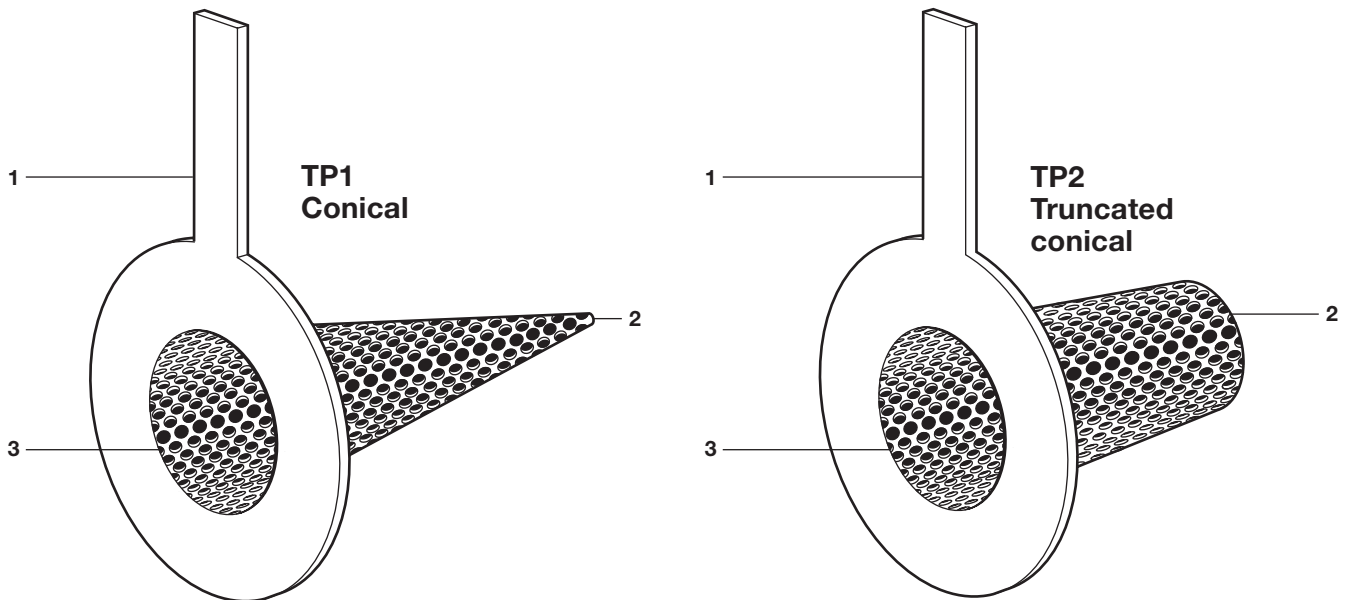
Temporary strainers are not intended to be used for permanent applications. Contact Spirax Sarco when permanent applications are required.

Standards

Designed in accordance with BS EN 14341:2006. These products fully comply with the requirements of the European Pressure Equipment Directive 97 / 23 / EC and carry the **CE** mark when so required.

Certification

These products are available with certification to EN 10204 3.1 and NACE approval. **Note:** All certifications/inspections requirements must be stated at the time of order placement.



Sizes and pipe connections

1½" – 28"

Designed for installation between the following flanges:
ASME (ANSI) 150, 300 and 600

Materials

No.	Part	Material
1	Collar	Stainless steel AISI 304L
2	Screen	Stainless steel AISI 304L
3	Mesh lining	Stainless steel AISI 304L

Optional extras

The following optional extras are available for all unit sizes at an extra cost and must be stated at the time of order placement:

Perforations: 3 mm (standard), 1.6 mm and 6 mm. Contact Spirax Sarco for availability of perforations not displayed.

Mesh: M40, M100 and M200. Contact Spirax Sarco for availability of mesh screens not displayed.

Screen material: AISI 304L (standard), AISI 316L and Monel 400.

Specific surface finish for collar: Ra 0.025 µm to 50 µm.

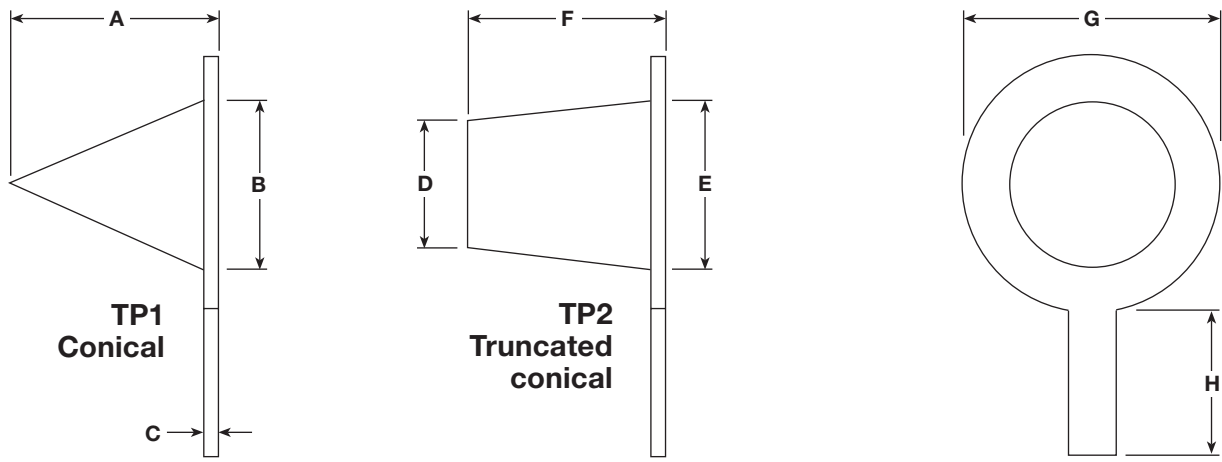
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Local regulation may restrict the use of this product below the conditions quoted. Limiting conditions refer to standard connections only.

In the interests of development and improvement of the product, we reserve the right to change the specification.

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Dimensions (approximate) inches



Size	A	B	C	D	E	F	G ASME	H
1½"	2	1.4	0.07	0.5	1.4	4.8	2.8	3.9
2"	2.5	1.8	0.07	0.7	1.7	5	3.6	3.9
2½"	2.9	2.4	0.07	1	2	5.4	4.0	3.9
3"	2.9	2.9	0.07	1.4	2.7	5.8	4.9	3.9
4"	5	3.7	0.07	1.5	3.6	8	6	3.9
5"	5.5	4.6	0.07	1.9	4.6	8.5	7	4.9
6"	5.9	5.6	0.07	2.7	5.5	9.7	8	4.9
8"	10	7.5	0.11	3.8	6.9	11.6	10	4.9
10"	10	9.5	0.11	4.2	8.8	13.9	12.5	5.9
12"	24.5	11.4	0.11	4.6	11	16	14.7	5.9
14"	25	12.7	0.11	5.8	12.7	17	15.9	5.9
16"	28.9	14.9	0.19	5.8	15	20.8	18	5.9
20"	36	18.7	0.19	6	17	23	20.6	7.8
24"	43	22.6	0.19	6.9	18.7	24.7	22.5	7.8
28"	81	26.4	0.19	7.7	22.6	29.3	26.7	7.8

Safety information, installation and maintenance

For full details see the installation and maintenance instructions (IM-P169-07) supplied with the product.

Warning: Carry strainers with gloves.

Disposal: These products are recyclable. No ecologic hazard is anticipated with disposal of these products providing due care is taken.

How to order

Example: 1 off Spirax Sarco 4" TP1 temporary conical shaped strainer having the standard 3 mm stainless steel screen, for installation between ASME ANSI 150 flanges.

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