

Plate/Flat Type

All pictures shown are for illustrative purposes only. Actual product may vary due to product enhancement.

TEMPORARY PLATE STRAINERS

Temporary Strainers are fabricated in the Titan FCI factory, so they can be made to meet your unique specifications! Listed are standard models and dimensions. Contact factory for more information.

Model	Material	Class	Model	Material	Class
PS 17	CS or SS	150/300	PS 17	CS or SS	900
PS 17	CS or SS	600	PS 17	CS or SS	1500

Specify When Ordering:

• Pipe Size • Perforation or Mesh Size • Pressure Rating • Material

Uses

Temporary Cone and Basket Strainers are used for start up of new or revamped piping systems. They are designed to provide inexpensive protection for costly valves, pumps, meters, and other mechanical equipment.

Materials

Standard temporary strainer materials are stainless steel and carbon steel; however, other materials are also available. Contact factory.

Perforation/Mesh

Diameter holes of 1/8" on 3/16" centers is the standard perforation, but most sizes/varieties are available. For mesh lined strainers, flow direction must be specified.

Flanges

Titan can manufacture flanges to accommodate raised face or ring joint flanges.

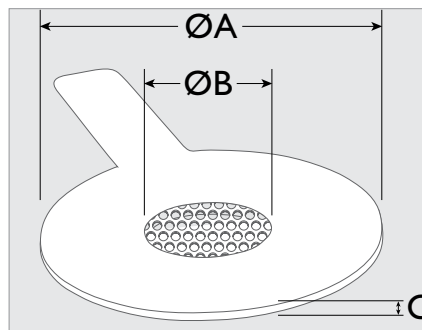


Plate Design (Flat Type)

Illustration represents Titan FCI's Temporary Plate Strainers. Titan FCI's fabricated products are made to each customer's unique specifications. Dimensions, materials, and all other product details referenced in this literature are general in nature. Some options may not be available in all sizes and/or models. Titan FCI reserves the right to make design and specification changes to improve the products without prior notification. **For exact product specifications, please consult the Titan FCI factory and request certified engineering drawings.**

DIMENSIONAL & TECHNICAL DATA

Nominal Pipe Size ⁽¹⁾	ØA (OD) (inches)					ØB (ID)	C ⁽³⁾ Gauge Thickness	Optional Thickness ⁽⁴⁾ (inches)
	ASME 150	ASME 300	ASME 600	ASME 900	ASME 1500			
3/4	2.13	C/F	2.5	2.63	2.63	0.63	11	No Change
1	2.5	C/F	2.75	3	3	0.75	11	No Change
1 1/2	3.25	3.63	3.63	3.75	3.75	1.25	11	No Change
2	4	4.25	4.25	5.5	5.5	1.75	11	No Change
2 1/2	4.75	5	5	6.38	6.38	2.25	11	No Change
3	5.25	5.75	5.75	6.5	6.75	2.75	11	No Change
4	6.75	7	7.5	8	8.13	3.75	11	No Change
5	7.63	8.38	9.38	9.63	9.88	4.63	11	No Change
6	8.63	9.75	10.38	11.25	11	5.38	11	0.1875
8	10.88	12	12.5	14	13.75	7.38	11	0.25
10	13.25	14.13	15.63	17	17	9.38	11	0.25
12	16	16.5	17.88	19.5	20.38	11	11	0.25
14	17.38	19	19	20.38	22.63	12.25	11	0.25
16	20.13	21.13	21.88	22.5	C/F	14	11	0.25"
18	21.25	23.38	23.75	25	C/F	15.75	11	0.375
20	23.5	25.63	26.63	C/F	C/F	17.5	11	0.375
24	27.88	30.38	30.88	C/F	C/F	21.25	11	0.375

1. Dimensions for Titan's PS 17 are provided for reference only. Certified drawings are required for all Titan Fabrications. OD and ID dimensions are in inches.

2. Larger sizes are available; please contact factory.

3. Gauge thickness is for flange thickness only. The standard gauge of strainer material ranges between 11 to 22, depending on hole size.

4. Denotes optional thicknesses. Recommended for 6" and larger sizes. There is no industry specification for plate strainers. When required by the application, the customer must specify the appropriate thickness.

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