



SUNGOV ENGINEERING PRIVATE LIMITED



YSW Series

Y Screwed & Socket Weld Strainers

## Salient Features

- Compact end-to-end dimension
- Robust construction for high pressure applications
- Suitable for vertical or horizontal mounting
- No fluid bypass (machined seat)

## Design Features

- Single piece cast or forged construction
- Gross filtration area of over 8 times inlet cross section area for low pressure drop
- Tapered retainer cup on cover for tight screen holding and self alignment
- Machined screen seating area in the body
- Drain/blow off connection furnished with plug as standard
- Strainers meet ASME B1.20.1 (NPT (f) Screwed) or ASME B16.11 (Socket Weld) or ASME B16.25 (Butt Weld) and ASME B16.34 requirements
- Blow-out gasket proof design for effective gasket sealing

## Available Materials of Construction\*

- Carbon steel
- Low temperature carbon steel
- Stainless steel

## End Connection

- NPT Screwed
- BSP Screwed
- Socket Weld
- Butt Weld

## Size Range\*

- 1/2" to 3"
- #600 to #2500

## Applications

- Process Industry
- Pharmaceutical Industry
- Commercial Infrastructure
- Chemical Industry
- Oil and Gas Industry
- Pulp and Paper Industry
- Water and Waste Management
- Power Industry

## Legend

- YSWC1 - Y Screwed/Socket Weld #600 Carbon Steel Variants
- YSWC2 - Y Screwed/Socket Weld #600 Stainless Steel Variants
- YSWE1 - Y Screwed/Socket Weld #1500 Carbon Steel Variants
- YSWE2 - Y Screwed/Socket Weld #1500 Stainless Steel Variants
- YSWF1 - Y Screwed/Socket Weld #2500 Carbon Steel Variants
- YSWF2 - Y Screwed/Socket Weld #2500 Stainless Steel Variants
- YSW #800 - Y Screwed/Socket Weld #800 Carbon Steel Variants

\*Consult factory for other materials of construction, sizes and classes.

## Standard Parts List

Parts List	YSW#800	YSWC1, YSWE1, YSWF1				YSWC2, YSWE2, YSWF2			
Body & Cover	ASTM A105	ASTM A216 Gr. WCB	ASTM A216 Gr. WCC	ASTM A352 Gr. LCB	ASTM A352 Gr. LCC	ASTM A351 Gr. CF8	ASTM A351 Gr. CF8M	ASTM A351 Gr. CF3	ASTM A351 Gr. CF3M
Screen & Mesh^	AISI 304	AISI 304		AISI 316		AISI 304	AISI 316	AISI 304L	AISI 316L
Drain Plug	ASTM A105	ASTM A105		AISI 316		AISI 304	AISI 316	AISI 304L	AISI 316L
Gasket	SPW AF	Spiral Wound Asbestos Free				Spiral Wound Teflon			

**Notes:**

1. The list is indicative of our standard offerings. It is subject to change
2. Material combinations other than mentioned above can also be offered. Consult factory

**Optional Accessories and Spares**

1. Differential pressure indicator/inlet and outlet pressure gauges to indicate clogged screen (time for cleaning)
2. Special cover arrangements to ease maintenance operation
3. Spare screens, gaskets and fasteners to reduce process downtime

^Mesh Size is based on customer's requirement



## How to Order - General

1	2	3	4	5	6
Size of Strainer	Type of Strainer	End Connection	ASME Pressure Rating	Material of Construction	Special / Other
<ul style="list-style-type: none"> <li>• 1/4" &amp; larger</li> </ul>	<ul style="list-style-type: none"> <li>• Y - Type</li> <li>• Basket Type</li> <li>• Tee Type</li> <li>• Wafer Type</li> <li>• Temporary</li> <li>• Duplex Basket Type</li> </ul>	<ul style="list-style-type: none"> <li>• Raised Face</li> <li>• Flat Face</li> <li>• RTJ (Ring Joint)</li> <li>• NPT Screwed</li> <li>• Socket Weld</li> <li>• Butt Weld</li> <li>• Wafer Flat Face</li> </ul>	<ul style="list-style-type: none"> <li>• #125</li> <li>• #150</li> <li>• #300</li> <li>• #600</li> <li>• #900</li> <li>• #1500</li> <li>• #2500</li> </ul>	<ul style="list-style-type: none"> <li>• Carbon Steel</li> <li>• Low temp Carbon Steel</li> <li>• Stainless Steel</li> <li>• Other Alloy Steel</li> </ul>	<ul style="list-style-type: none"> <li>• Nace Compliance</li> <li>• Special N.D.E.</li> <li>• PED 97/23/EC (CE Mark) Compliance</li> <li>• Other Special</li> </ul>

## How to Order - Custom

Designing a strainer to suit your requirement is our foremost priority. Help us serve you better by providing us with the following details:

**PHOTOCOPY THIS PAGE, FILL IT UP AND SEND IT TO US FOR YOUR REQUIREMENT**

Description	Value
Size of Strainer Required	
Type of Strainer Required	
End Connection Required	
ASME Pressure Rating Required	
Fluid Viscosity	
Fluid Specific Gravity	
Design Pressure	
Design Temperature	
Design Fluid Flow Rate	
Desired Pressure Drop (Clean)	
Desired Pressure Drop (50% Clogged)	
Desired Material of Construction	
Desired Filtration Level (Mesh Size)	
Desired NDT (RT, LPT, MT, PAMI)	
Special Code/Standard Compliance (if any)	
Clearance Limitations (if any)	
Other Inspection/Testing Services (if any)	
Other Remarks (if any)	



### SUNGOV ENGINEERING PRIVATE LIMITED

Regd Off: 160, Baba Nagar, Villivakkam, Chennai - 600 049. India  
 Fax: 91-44-2650 1408, Tel: 91-44-2650 1404/2650 1536  
 Works: K27, Ambattur Industrial Estate, Chennai - 600 058. India  
 Tel: 91-44-2635 9940/2624 8230. E-mail: sungov@vsnl.com  
 Website: www.sungov.com

