



## WSTX Y-Strainer

WSTX-Y Strainer is used for screen out the debris and rubbish, it is installed at outlet of pump or inlet of control valves of important equipment in order to protect the pipeline system, equipment and facility from clogging, keep the pipeline system in a safe, clean and efficient operation environment.



### Service Fields:

- General clean water supply, HVAC, fire fighting, irrigation, cooling and industrial system.

### Technical Data:

Size Range: DN50- 300mm

Pressure Rating: 1.0Mpa; 1.6Mpa; 2.5Mpa

Temperature: -10°C-80°C (NBR);  
-20°C-250°C (PTFE)

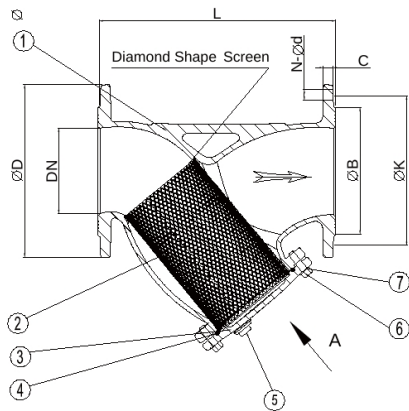
Flow media: Clean water, Oil, Steam

End Connection: PN10; PN16;

### Features:

- Advanced new design with diamond shaped screen for better flow coefficient and much lower head loss.
- Enforcement concaved bonnet design gets more stronger top cover.
- Specially reinforced steel bar ribs on the screen outside surface which gets more rigid and resistance of being destroyed or flushed out during operation.
- A hanging hook is designed on the top edge for easy handling and installation.
- Different gasket material for both water system and industry system services.
- Option:
  1. Round bore holes perforation on the screen.
  2. Dual boss on top of strainer which can be used for installation of pressure gauge kits, this can help site checking of the system.
  3. Fine mesh (20-40); Mesh can be provided upon request.
- Powder epoxy coated body for water system, and liquid coating for industry services.

## Main Valve



### Part List & Material

No.	Name	Material	Standard
1	Body	Ductile Iron	GGG/DI
2	Screen	Stainless Steel	AISI 304
3	Bonnet	Ductile Iron	GGG/DI
4	O-Ring	Rubber	NBR
5	Plug	Carbon Steel	Galvanized
6	Bolt	Carbon Steel	Galvanized
7	Washer	Carbon Steel	Galvanized

Test:

Hydraulic test to BS/ISO/GB

Seat: 1.1 X PN

Body: 1.5 X PN

### Dimension

Unit: mm

DN	Model No	L	ØB	ØD	ØK	C	n- Ød
50	WSTX-0050	210	99	165	125	18	4-Ø19
65	WSTX-0065	225	118	185	145	18	4-Ø19
80	WSTX-0080	240	132	200	160	18	4-Ø19
100	WSTX-0100	280	156	220	180	18	8-Ø19
125	WSTX-0125	345	184	250	210	18	8-Ø19
150	WSTX-0150	395	211	285	240	18	8-Ø23
200	WSTX-0200	500	266	340	295	18	8-Ø23
250	WSTX-0250	542	319	405	350	19	12-Ø23
300	WSTX-0300	650	370	460	400	21	12-Ø23

\* DN80 drilling according to PN6.

### Ordering Code

Model:

WST:Y Strainer for water with powder epoxy coating.

IST: Y Strainer for industrial with liquid painting.

Screen Type:

X: Standard type with diamond shape screen-7 Mesh

R: Round bore shape screen (perforation)-6 Mesh

WST X - 0150-16

End Connection / Ratings:

10: PN10

16: PN16

25: PN25

Valve Size:

0080: 80 mm

0150: 150 mm