

## Strainer



### Description

Strainers are used to protect the Valves, Pumps, Meters, etc and are usually installed in the upstream to filter the unwanted particles from the medium. The most common types used are the Y type, T type and the Basket type. These are available with various material combinations and End Connections.

### Y-Strainer

#### Construction

- ✓ Size: 1/2" to 24"
- ✓ Rating : ANSI Classes 150# – 600#
- ✓ Heavy Duty Construction, Compact Design
- ✓ Bolted or Threaded Cover
- ✓ Stress analysis code: ASME Section VIII Division 1.
- ✓ Face to Face as per Manufacturer Standard
- ✓ End Connection: Flanged Drilled as per ANSI/ BS/ DIN/ JIS Flanges.

#### Material of Construction

- ✓ Body : WCB/ CF8/ CF8M/ Al. Bronze
- ✓ Cover : WCB/ CF8/ CF8M/ Al. Bronze
- ✓ Filter : SS304/ SS316

#### Others on Request

- ✓ Other End Connections
- ✓ Other Screen Materials
- ✓ Perforation/ Mesh sizing as suitable for given application

## T-Strainer

### Construction

- ✓ Size: 2" to 48"
- ✓ Rating : ANSI Classes 150# – 600#
- ✓ Bolted or quick-opening hinged
- ✓ Fabricated Design
- ✓ Stress analysis code: ASME Section VIII Division 1.
- ✓ Face to Face as per Manufacturer Standard
- ✓ End Connection: Flanged Drilled as per ANSI/ BS/ DIN/ JIS Flanges.

### Material of Construction

- ✓ Body: Carbon Steel/ Stainless Steel
- ✓ Cover : Carbon Steel/ Stainless Steel
- ✓ Filter: SS304/ SS316

### Others on Request

- ✓ Other End Connections
- ✓ Other Screen Materials
- ✓ Other Higher Pressure Rating
- ✓ Perforation/ Mesh sizing as suitable for given application

## Temporary Strainer

### Construction

- ✓ Size : 1/2" to 48"
- ✓ Rating : ANSI Classes 150# – 2500#
- ✓ Types : Basket Type/ Conical Type/ Flat Type
- ✓ Mesh : #2 ~ #400 / 11100 ~ 35 micron
- ✓ Stress analysis code: ASME Section VIII Division 1.
- ✓ End Connection: Suitable to mount between ANSI/ BS/ DIN/ JIS Flanges.
- ✓ Material : Stainless Steel/ Monel

### Others on Request

- ✓ Alloy construction, RTJ-style connections
- ✓ Perforation/ Mesh sizing as suitable for given application

## Simplex Strainer

### Construction

- ✓ Size: 1" to 8"
- ✓ Rating : ANSI Classes 150# – 600#
- ✓ Quick open cover, Large capacity baskets, Threaded Drain
- ✓ Mounting Feet for Stable installation
- ✓ Stress analysis code: ASME Section VIII Division 1.
- ✓ Face to Face as per Manufacturer Standard
- ✓ End Connection: Flanged Drilled as per ANSI/ BS/ DIN/ JIS Flanges.

### Material of Construction

- ✓ Body: Carbon Steel/ Stainless Steel/ Alu Bronze
- ✓ Cover : Carbon Steel/ Stainless Steel/ Alu Bronze
- ✓ Basket : SS304/ SS316

### Others on Request

- ✓ Other End Connections
- ✓ Other Screen Materials
- ✓ Other Higher Pressure Rating
- ✓ Other Higher Sizes in Fabricated Design
- ✓ Viton, PTFE-encapsulated, or EPDM seals
- ✓ Pressure differential gauge and switch
- ✓ Perforation/ Mesh sizing as suitable for given application

## Duplex Strainer

### Construction

- ✓ Size : 1" to 12"
- ✓ Rating : ANSI Classes 150# – 300#
- ✓ Easy-to-operate lever handle, Unique seat and seal design
- ✓ Foot Pas for Stable installation
- ✓ Side drain plugs on each basket well
- ✓ Stress analysis code: ASME Section VIII Division 1.
- ✓ End Connection: Flanged Drilled as per ANSI/ BS/ DIN/ JIS Flanges.

### Material of Construction

- ✓ Body: Ductile Iron/ Carbon Steel/ Stainless Steel/ Alu Bronze
- ✓ Cover : Ductile Iron/ Carbon Steel/ Stainless Steel/ Alu Bronze
- ✓ Basket: SS304/ SS316

### Others on Request

- ✓ Other End Connections
- ✓ Other Screen Materials
- ✓ Other Higher Pressure Rating
- ✓ Other Higher Sizes in Fabricated Design
- ✓ Vent & Drain Valves
- ✓ Pressure differential gauge and & switch connections
- ✓ Perforation/ Mesh sizing as suitable for given application