

## Forged Strainer

### Design

- Forged body and bonnet
- Bolted bonnet or Pressure Seal
- Different screen mesh options

### Advantages

- Long service life
- Easy handling and maintenance

### Options

- Threaded plug or valve installed on cover for quick draining
- Different Trim sets
- End Connection can be screwed/socket weld, buttweld or flanged

### Applications

- Power plant, Chemical, Petrochemical, Refining

### Materials

- Carbon, heat resistant alloy and stainless steels

### Testing

- Every produced valve was tested according to API598

### Media

- Depending on the valve materials: water, steam, gas, oil and oil derivatives and other non aggressive media

### Pressure and temperature

- Class 150 ÷ Class 1500
- Temperature up to 600

#### Gate valve according to API 600

#### Class 150 ÷ Class 1500

Face-to-face (FTF) and End-to-end (ETE) dimensions acc. to

ASME B16.10

Flanged ends according to

ASME B16.5

Welding ends according to

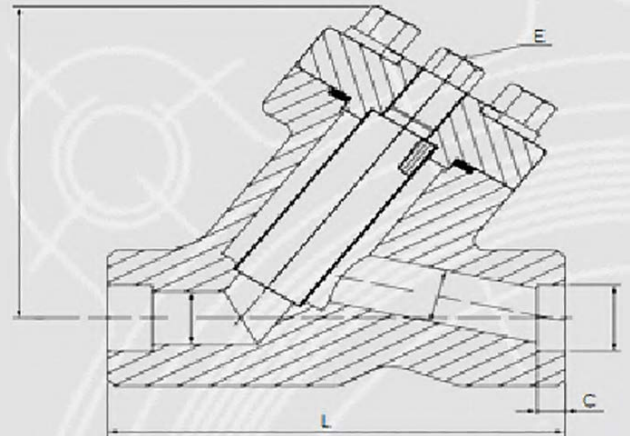
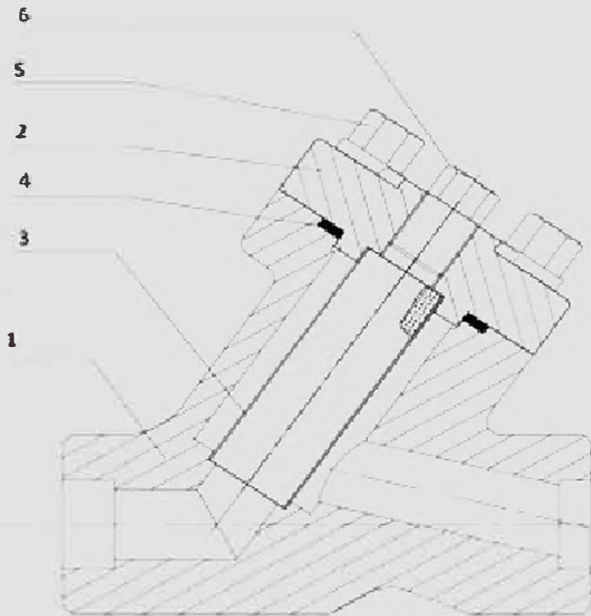
ASME B16.25

Screw ends according to

ASME B1.20.1



## Forged Strainer



No	Description	Material		
1	Drain plug	A105N	A 182 F304	A 182 F316
2	Bolt	A193-B7	A 193-B8	A 193-B8
3	Gasket	SS 316 + graphite	SS 316 + graphite	SS 316 + graphite
4	Screen	AISI 304	AISI 304	AISI 316
5	Cover	A105N	A 182 F304	A 182 F316
6	Body	A105N	A 182 F304	A 182 F316

Note: Seal surface materials can be designed according to customer's requirement.

Class	NPS	L	C	ØB	H	Ød	[kg]
	[inch]	[mm]	[mm]	[mm]	[mm]	[mm]	
800	½	94	10	21,8	92	10	1,2
	¾	98	13	27,2	92	13	1,4
	1	120	13	33,9	114	17,5	2,5
	1 ¼	140	13	42,7	137	23	3,7
	1 ½	140	13	48,8	137	28,5	3,9
	2	170	16	61,2	143	36,5	6,6