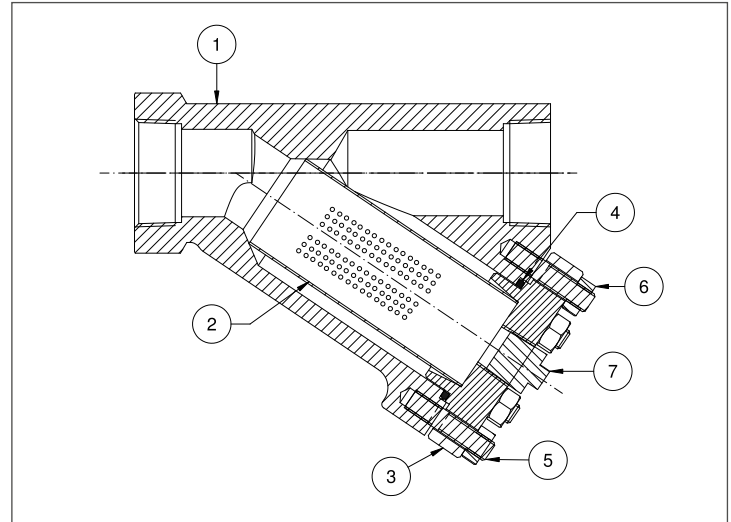


# FMSTR51#600 / FMSTR52#600

## Forbes Marshall Forged Strainer

### Description

The Forbes Marshall Forged Strainer, FMSTR51#600 / FMSTR52#600, are Y-type forged steel strainers with stainless steel screen having 0.8 mm perforations as standard



### Sizes and Pipe Connection

DN15, 20, 25 and 40

Screwed BSPT/NPT/BSP and Socket weld ends

#### Note :

1. Available with IBR certificate.
2. Other screen perforations available on special order.
3. Also available with Class 150 , 300 and 600 weld-on flange on request .
4. Blow down or drain cock connections : the cap is drilled to enable a blow down or drain cock to be fitted.

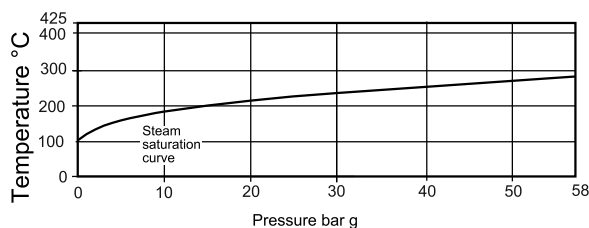
### Dimensions (approx.) in mm

Size (DN)	A	B	C	Weight (kg)
15	122	92	50	3
20	122	92	50	3
25	122	92	50	5
40	195	137	65	7

### Limiting Conditions

Parameter	Screwed ends	Socket weld ends
PMO (barg)	57.5	57.5
TMO (°C)	425	425
Cold Hydraulic Test Pressure (Kg/cm <sup>2</sup> )	86.5	86.5
Min Operating temperature (°C)	-10°C	

### Operating range

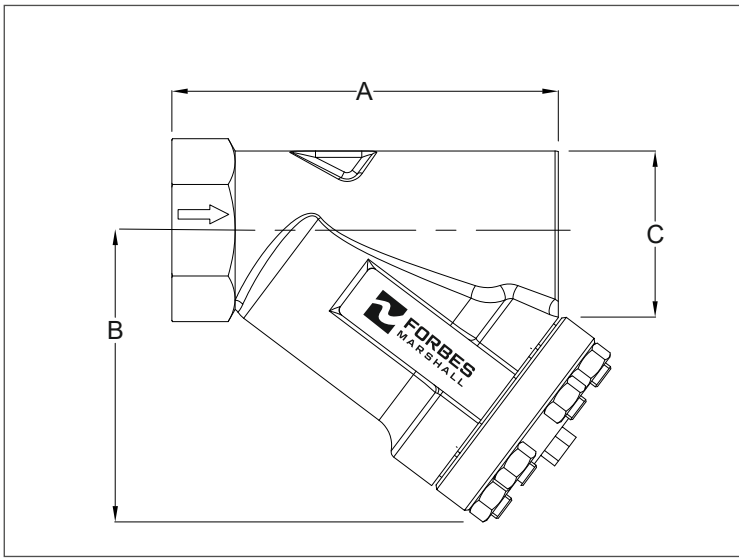


### How to Order

Example : 1 No. DN 40 Forbes Marshall Forged Strainer, FMSTR51#600 / FMSTR52#600, screwed BSPT, IBR

### Material

Sr. No.	Part	Material	Standard
1	Body M/C (BSPT, NPT & SWE)	Forged carbon steel	ASTM A105
2	Screen 0.8 mm perforation	Stainless steel	AISI 304
3	Cap M/C	Forged carbon steel	ASTM A105
4	Gasket	Stainless steel	Spiral wound SS304 with flexible graphite filler
5	Stud	Steel	ASTM A193 Gr. B7
6	Hex nut	Steel	ASTM A194 Gr. 2H
7	½" BSPT end plug	Forged carbon steel	ASTM A105



### Installation

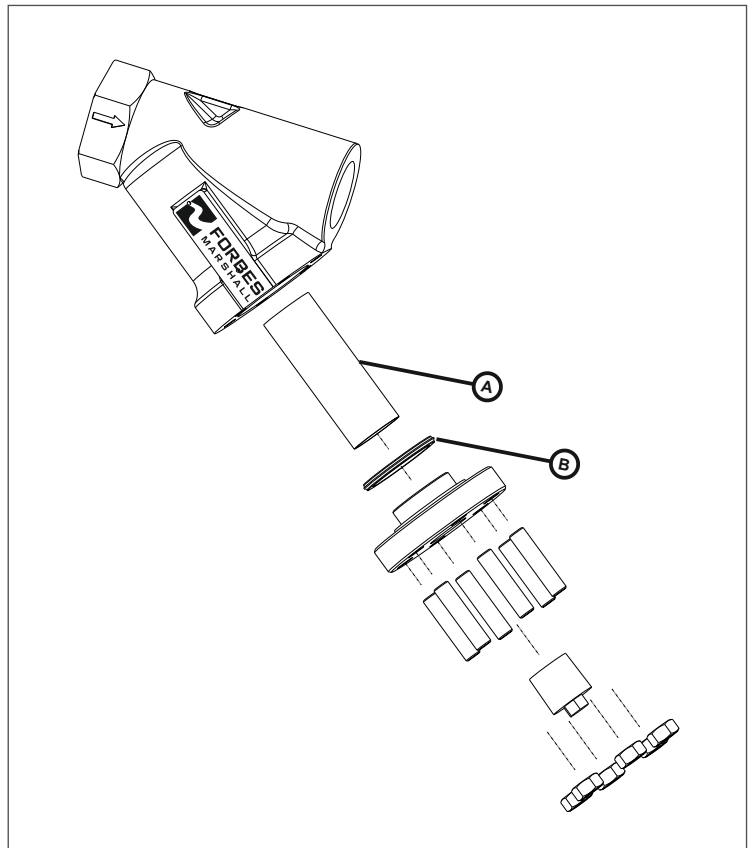
The strainer should be installed in the direction of flow, as indicated on the body. On applications involving steam or gases the pocket should be in the horizontal plane. On liquid systems the pocket should point downwards. Suitable isolation valves must be installed to allow for safe maintenance and trap replacement.

### Maintenance Note

Maintenance can be completed with the strainer in the pipeline.

### Recommended Tightening Torques

Strainer Size (DN)	Stud	Nut
15, 20	15 - 20	15 - 20
25	15 - 20	15 - 20
40	80 - 85	80 - 85



### Available Spares (refer above.)

Screen	A
Gaskets	B

### How to Order Spares

Always order spares by using the description given in the column headed "Available Spares" in user manual



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Forbes Marshall Arca

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Forbes Vyncke

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**A: Forbes Marshall Pvt. Ltd.**  
Opp. 106th Milestone, CTS 2220,  
Mumbai-Pune Road, Kasarwadi,  
Pune MH 411034 INDIA  
**P:** +91(0)20-68138555  
**F:** +91(0)20-68138402

**E:** ccmidc@forbesmarshall.com

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**Forbes Marshall International Pte. Ltd.**  
16A, Tuas Avenue 1,  
#05-21, JTC Space @Tuas  
Singapore - 639533  
**P:** +65 6219 3890

**CIN No:** U28996PN1985PTC037806