

# PRODUCT TECHNICAL SPECIFICATION

## STRAINER, FLANGED

### SCOPE

Strainer, Y Type, Flanged, Gray Cast Iron / Ductile Iron  
Sizes and Materials comply with the EN Standards, has TSE  
Certificate in accordance with the TS 11494 Standard  
DN 15, 20, 25, 32, 40, 50, 65, 80, 100, 125, 150, 200, 250, 300, 350, 400  
PN 16 / (PN 16 or PN 25 for Ductile iron)

### A. MATERIALS

<b>Body</b>	in accordance with the TS 552 EN 1561 Standard; Gray Cast Iron, EN GJL 250 (GG 25 according to the older rating) in accordance with the TS 526 EN 1563/A1 Standard; Ductile Iron, EN GJS 400 (GGG 40.3 according to the older rating)
<b>Bonnet</b>	in accordance with the EN 1561 Standard; Gray Cast Iron, EN GJL 250 (GG 25 according to the older rating) in accordance with the TS 526 EN 1563/A1 Standard; Ductile Iron, EN GJS 400 (GGG 40.3 according to the older rating)
<b>Filter</b>	Stainless Steel, AISI 410 or 420 or 304
<b>Plug</b>	St-37
<b>Plug Gasket</b>	Copper washer
<b>Gasket</b>	Graphite
<b>Fitting Components</b>	Minimum Property Class 6.8

### B. FACE TO FACE DIMENSIONS

in accordance with the TS EN 558-1 SERIES-1 Y Type Strainer Standard

### C. FLANGE SIZES

in accordance with the TS EN 1092-2 and BS EN 1092-2 Standards; PN 16

#### **D. NOMINAL PRESSURE / OPERATING PRESSURE**

PN 16 / 16 Bar (EN GJL 250)

PN 16 / PN 25/ 16 Bar / 25 Bar (EN GJS 400)

#### **E. OPERATING TEMPERATURE RANGE**

-10 ~ +300 °C

#### **F. MARKING**

Minimal marking that is legible and obtained in the form of embossing from casting;

##### **MANUFACTURER**

**(BRAND) TS**

**11494**

**BODY MATERIAL**

**IF GRAY CAST IRON: EN GJL 250**

**IF DUCTILE IRON: EN GJS 400**

**PRESSURE GRADING: PN16 / PN25**

**NOMINAL SIZE: DN15 / DN20 / DN25 / DN32 / DN40/DN50/DN65 / DN80 / DN100 /  
DN125 / DN150 / DN200 / DN250/ DN300 / DN350 / DN400**

#### **G. PAINT**

**Before Assembly** Cast Iron parts are primed,

**After Testing** Top coat, wet spray paint

#### **H. TEST**

Sealing in accordance with the EN 12266-1 standard

#### **I. WARRANTY**

2-year warranty against workmanship and material defects

#### **J. PACKAGING AND SHIPMENT**

Plastic plugs in fluid bore openings

Products are shipped as packed in individual plastics bags

## **K. OTHER ISSUES**

It should prevent entrance of foreign objects such as dirt, particles, etc. that may come along with fluids in the installations and it should be engineered in such way so it can be drained by removing the plug on the filter housing cover without removing the filter.

It can also be cleaned by removing the filter housing, and the filter, which may be deformed due to the effects of installation and dirt, should be replaced when necessary.

Single layer non-reinforced filter in diameters between DN 15 - 40, perforated sheet metal filter in diameters between DN 50 - 400.

The filter range includes 30 Mesh (600 Micron) in diameters between DN 15 - 40 and an average of 30% surface void area in diameters between DN 50 - 400.