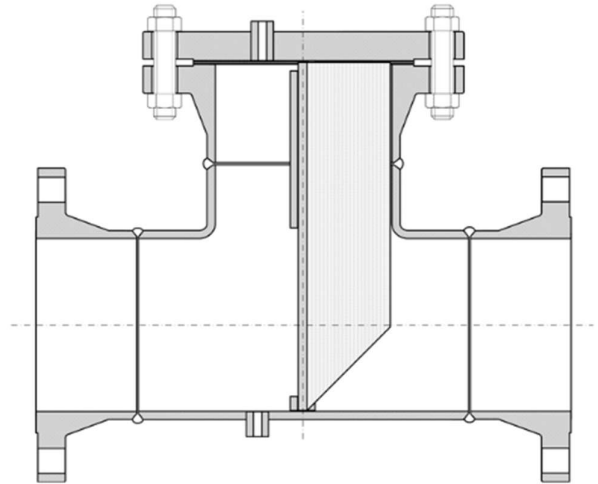


FABRICATED T-TYPE STRAINER

T-Type Strainer is a high-performance fabricated pipeline filtration device engineered to remove solid contaminants from liquids, gases, steam, and process fluids. The T-pattern design provides a larger straining area with lower pressure drop, making it ideal for horizontal pipeline installations handling high debris loads.

DESIGN STANDARD	
Parameter	Specification
Design & Manufacturing	ASME B31.3
Flange Standard	ASME B16.5 / B16.47
Butt Weld Ends	ASME B16.25
Face to Face	Manufacturer Standard / ASME B16.10
Testing	Hydrostatic Test as per API 598
Pressure Class	150# to 2500#

CONSTRUCTION	
Components	Material Options
Body	Carbon Steel (WCB), SS304, SS316, Alloy Steel
Cover	Same as Body
Screen / Element	SS304 / SS316 / Duplex SS
Gasket	CAF / PTFE / Spiral Wound
Fasteners	ASTM A193 B7 / SS304 / SS316
Drain Connection	Carbon Steel / Stainless Steel



PRESSURE DROP CHART

Fabricated T-TYPE Strainers

This pressure drop chart is based on the flow of clean water through the Strainflow Engineering fabricated basket strainers with a 1/8" perforated basket.

TO USE CHARTS:

Find your desired rate of flow (GPM) on the left hand side of the chart. Follow its corresponding horizontal line to the point where it intersects the diagonal line indicating the strainer pipe size. From this point of intersection, follow the vertical line down to the bottom of the chart to determine the approximate pressure drop.

CORRECTION FACTORS:

For finer mesh baskets that are backed with a perforated sheet, multiply the pressure drops shown at right by the following:

- 40 mesh x 1.2
- 60 mesh x 1.4
- 80 mesh x 1.6
- 100 mesh x 1.7
- 150 mesh x 1.8
- 200 mesh x 2.0

