

Tee



Describe

A tee is a common pipe fitting used for flow diversion, convergence, or direction change in a pipe system. It connects three pipes, either in a straight or branch connection, to distribute or converge fluids. There are different types of tees, such as equal diameter tees and reducing tees, depending on the pipe requirements. Tees are widely used in industries like petroleum, chemical, electric power, construction, and water treatment.

Product Features

- Multi-flow design: The tee usually has three connection ports, one of which can be used to connect different pipes, or to divert the fluid in the pipe to multiple directions.
- Equal diameter and different diameters: Equal diameter tee: All pipes have the same diameter, suitable for connecting pipes of the same diameter.
- Different diameter tee: Suitable for connecting pipes of different diameters, usually used for flow distribution or reducing flow rate.
- High strength and pressure resistance: The tee is made of high-strength materials and has strong pressure resistance, suitable for use in high pressure and high temperature environments.
- Corrosion resistance: According to the properties of the medium, corrosion-resistant materials such as stainless steel, carbon steel, alloy steel, and plastic can be selected to ensure long-term stable operation.
- Various connection methods: The tee can be connected by welding, threading, flanges and other methods to meet the needs of different pipeline systems.
- Fluid distribution and convergence: The tee can effectively distribute fluids to different pipeline directions, or converge fluids from multiple flow paths into one pipeline to ensure the efficient operation of the pipeline system.

Technical parameters

Material	Carbon steel, stainless steel, alloy steel, cast steel, copper, plastic, etc.
Specification	DN15 ~ DN1200 (1/2" ~ 48"), can also be customized according to customer needs
Pressure level	PN6 ~ PN250, depending on the materials used and the working environment
Connection	Butt welding, threaded connection, flange connection, socket connection, etc.
Temperature range	'-50°C ~ 450°C, the applicable temperature range varies depending on the material
standard	Comply with international standards such as GB, ANSI, DIN, JIS, etc.