

Concentric reducer



Describe

Concentric reducers connect pipes of different diameters, allowing smooth fluid transition. Their aligned pipe ports ensure stable fluid delivery. Widely used in industries like petroleum, chemical, power, and shipbuilding, they are ideal for connecting fluid and gas pipelines.

Product Features

- Smooth fluid flow: Ensures smooth fluid transition, reducing resistance and turbulence.
- Reduce pressure loss: Optimizes flow path, minimizing pressure loss and improving efficiency.
- Wide applications: Ideal for medium/low-pressure systems where pipeline symmetry is needed.
- Corrosion resistance: Made from corrosion-resistant materials like stainless steel, enhancing lifespan.
- High strength & durability: Withstands high pressure and temperature for stable long-term operation.
- Easy installation: Supports welding, flange, and threaded connections for easy setup.

Technical parameters

Material	Carbon steel, stainless steel, alloy steel, nickel-based alloy, etc.
Specification	DN15 ~ DN1200 (1/2" ~ 48"), can be customized according to customer needs
Pressure level	PN6 ~ PN250, suitable for medium and low pressure piping systems
Temperature range	-50°C ~ 450°C (depending on materials and working conditions)
standard	Comply with international standards such as GB, ANSI, DIN, JIS, ASME, etc.
Connection	Welding, flanges, clamps, etc.
Surface treatment	Spraying, galvanizing, phosphating, etc.
Design	Concentric design, smooth transition between the inner and outer diameters of the circular interfaces at both ends of the pipe

- Packaging: Concentric reducers are packed in wooden boxes, pallets, bubble films, etc. according to size and quantity to ensure that they are not damaged during transportation.
- Transportation: We provide a variety of transportation methods such as sea, air, and land transportation to ensure on-time delivery according to customer needs.