

## Reducing elbow



- **Packaging:** Depending on the size and quantity, the reducer elbows are usually packaged in protective packaging such as wooden boxes, pallets, bubble films, etc. to ensure that the products are intact during transportation.
- **Transportation:** We provide a variety of transportation methods such as sea, air, and land transportation to ensure that the products are delivered to customers on time.

### Describe

The reducing elbow (unequal diameter elbow) connects pipes of different diameters, changing both the direction and size of the pipe. One end has a larger diameter than the other. It is ideal for connecting pipes of varying sizes and helps improve fluid flow, reduce resistance, and optimize pipeline layout. Reducing elbows are commonly used in industries like petroleum, chemical, electric power, metallurgy, and water supply.

### Product Features

- The reducing elbow provides a smooth transition between pipe diameters, minimizing the impact of sudden size changes on fluid flow and reducing flow loss.
- **Reduce fluid resistance:** By optimizing the fluid transition path, the reducing elbow effectively reduces the resistance of the fluid and reduces pressure loss, thereby improving the operating efficiency of the pipeline system.
- **Strong adaptability:** The reducing elbow is suitable for the connection of pipes of various sizes, especially for applications that require the conversion of pipe direction and size in different industries and different working conditions.
- The reducing elbow is made of high-strength materials, offering strong pressure resistance, corrosion resistance, and high-temperature durability, making it suitable for harsh working conditions.
- **Compact structure:** The reducing elbow is compactly designed to save space in the pipeline system, especially for complex pipeline layout and narrow installation environment.
- **Strong customizability:** The reducing elbow can be customized according to customer needs, with different angles (such as 45°, 90°, 180°, etc.) and different pipe connection sizes to meet various engineering applications.

### Technical parameters

Material	Carbon steel, stainless steel, alloy steel, copper, nickel-based alloy, etc.
Specification	DN15 ~ DN1200 (1/2" ~ 48"), can also be customized according to customer requirements
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.
angle	Common elbow angles such as 45°, 90°, 180°, etc. can also be customized according to needs
Connection	Welding, flanges, clamps, etc.
Surface treatment	Spraying, galvanizing, phosphating, etc.