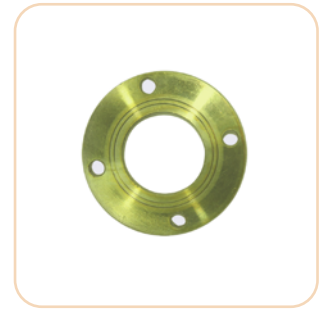
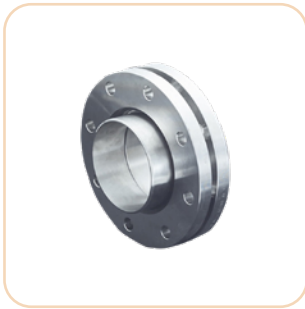


Loose flange



Describe

A loose flange is a pipe connection flange that uses bolts and gaskets instead of welding. It allows easy disassembly and replacement due to the gap between the flange and pipe. Commonly used in medium and low-pressure systems that require regular maintenance or inspection, loose flanges offer easy installation, lower maintenance costs, and flexibility. They are widely used in industries like chemicals, power, oil and gas, and water supply.

Product Features

- No welding connection: Loose flanges do not require welding, and rely on bolts and gaskets to achieve connection, avoiding the process difficulty and cost brought by welding.
- Easy to disassemble: Due to the bolt connection method, the installation and disassembly of loose flanges are more convenient, suitable for pipeline systems that require regular inspection and maintenance.
- Easy maintenance: When parts need to be replaced, cleaned or inspected, the flange can be easily disassembled to reduce the downtime of the pipeline system.
- High flexibility: Loose flanges are suitable for a variety of pipeline systems, especially medium and low pressure pipelines, and can be quickly adjusted and replaced as needed.
- Economical and practical: Compared with fully welded flanges, loose flanges reduce the cost of welding processes, making installation and maintenance more economical.

Technical parameters

Material	Carbon steel, stainless steel, alloy steel, cast steel, etc.
Specification	DN15 ~ DN1200 (1/2" ~ 48")
Pressure level	PN6 ~ PN40
standard	Comply with international standards such as GB, ANSI, DIN, JIS, etc.
Surface treatment	Spraying, galvanizing, phosphating, etc.
Connection	Bolted connections
Temperature range	-20°C ~ 250°C
Pipe wall thickness	Suitable for different pipe wall thicknesses, can be customized according to customer requirements

- Packaging: According to the size and quantity of flanges, protective packaging methods such as wooden boxes, pallets or bubble films are used to ensure that the products are intact during transportation.