

Socket flange



Describe

Socket welding flange is a flange used in high pressure systems, usually used to connect small diameter pipes. It is sealed and connected by inserting the pipe into the inner hole of the flange and welding it on the flange. Socket welding flange has good strength and sealing performance, and is widely used in pipeline connections under high pressure, low temperature and high temperature conditions in petroleum, chemical, electric power, steel and other industries.

Product Features

- Excellent sealing: The insertion design of the socket welding flange ensures that the connection surface is tight and has excellent sealing performance.
- Suitable for high-pressure systems: Suitable for small-diameter pipeline systems, withstand high pressure and temperature, and are often used in high-pressure, low-temperature and high-temperature environments.
- Strong structure: The socket design enhances the integrity of the flange and the pipeline and reduces the risk of leakage.
- Easy to install: The installation process is simple, and the pipeline is directly welded after being inserted into the flange, which is easy and fast to operate.
- Widely used: Suitable for various industrial fields, especially for occasions with high requirements for sealing and strength.

Technical parameters

Material	Carbon steel, stainless steel, alloy steel, cast steel, etc.
Specification	DN15 ~ DN1200 (1/2" ~ 48")
Pressure level	PN6 ~ PN250
standard	Comply with international standards such as GB, ANSI, DIN, JIS, etc.
Surface treatment	Spraying, hot-dip galvanizing, chrome plating, etc.
Connection	Socket welding
Temperature range	-50°C ~ 450°C
Pipe wall thickness	Usually used for Schedule 40/80 pipes, but can also be customized upon request.

- Packaging: wooden boxes, pallets, bubble films and other packaging methods are used to ensure the safety of flanges during transportation.
- Transportation: It can be delivered by sea, air, land and other means to ensure on-time delivery.