

Dairy Fittings

Sanitary valves, unions, bends, clamps and reducers for hygienic milk, food and pharma processing.

Our dairy fittings are designed for sanitary applications in milk processing and dairy product systems. They are available in various sizes and materials, ensuring leak-proof, durable, and easy-to-clean connections. Manufactured to meet industry standards, our fittings guarantee efficient and hygienic operation in dairy environments.

AVAILABLE GRADES

SS 304 · SS 316L · AISI 304 · AISI 316L · SUS 202

PLUG VALVE

Sanitary Plug Valve — Sanitary 3 Ways Plug Valve / Sanitary 2 Ways Plug Valve, Sanitary Union Plug Valve / Sanitary Thread Plug Valve. The plug valve is widely used for viscosity liquid. As the plug valve is sealed by stainless steel, it is clean type and high resistance of acid and alkali. While using the plug valve, please take care of the pressure. This valve can not be used for high pressure.

BUTTERFLY VALVE

Our Butterfly valve body could be offered with Weld end, Male end, female end, and Clamp end. Our butterfly valves can be installing with different type handles like 4 position pull handle, 12 position gripper handle and 10 more other types or installing with actuator for automatically control for your widely using. The Butterfly valve body and disk are all made from full CNC machined, high grade level polish.

ANGULAR VALVE

These valves are Manual Operated valves to regulate the flow anywhere from full open to fully close. These are designed specifically to accurately control the process. Improved sealing devices and highly accurate machining of the screw rod (stem) have provided tight shutoff as well as characterizable control. The design of the regulating element allows the stem holder to turn into the flow without any significant side loads. The linear action of the screw rod provides tight fit against the seal, which allows for clean separation of the process during closure. Tight shutoff is a characteristic of angular valves.

SAMPLING VALVE

Stainless steel sanitary sampling valve. The valve is used to get sampling liquid to inspect the liquid inside the system. Features: High precise casting body, Pressure: 10bar, Temperature: -60~180 degree, Working mode: Manual type, pneumatic type, Aseptic type, normal type, Gaskets: PTFE, EPDM or Silicone, Easy cleaning, easy maintenance, Connection end: Weld, tri-clamped, Standard: DIN, 3A, Material: SS304, SS316L, Inside surface finish: Ra0.4, Size: 1/4", 1/2", 1", Application: Food, beverage, dairy, pharmacy, chemical or any food processing industries.

SS SMS UNION

We can produce sanitary unions with DIN, SMS, 3A, IDF, RJT, ISO, DS standard. All Semifinished product made from the round steel or precision forging, machined by CNC machines. Standard: DIN, 3A, SMS, RJT, ISO, IDF, DS, Macon. Size: 1" - 6" DN10-DN200 17.2-168.3. Material: 304, 316L (Forged). Seal material: NBR, Silicone, EPDM, FPM, PTFE. We are one of the reliable manufacturers of the wide range of Din Union that is fabricated with the superior quality of the raw material. These are highly weldable and expandable range available in various sizes and dimensions.

SS BEND 90°

Expanding polished bend (90 degree). Material: SUS304/316L, AISI304, AISI316L, SUS202. Connection mode: Weld/clamp/thread/union etc. Standard: DIN, ISO, IDF, 3A, SMS, BS. Flux domination of pipeline: DN25-150 & 1"-6", 12.7mm-325mm applied to the stainless steel pipeline system. Degree: 45/90/180. All products are produced by CNC machine. Medium: Beer, Dairy, Beverage, Pharmacy. As a professional manufacturer, for all products, we can offer according to your requirement if your specification is out of our standard.

SS BEND WITH SMS UNIONS

SS Bend with Unions Connection. Connection Mode: Union connection. Specification: 1/2"-4", applied to the stainless steel pipeline system. Standard: ISO, DIN, SMS, 3A. Long Radius or Short Radius. Application: Beer, food, dairy, beverage, cosmetics, pharmacy, and chemical industries, etc. We offer all kinds of sanitary pipe fittings and can manufacture them according to any drawings. Our products meet high industry standards for quality and durability. Contact us for more details or custom requirements on our fittings.

SS TRICLOVER CLAMP AND FERRULE

Set contents	One PCS heavy duty clamp ring, two PCS ferrule, and one gasket
Material	AISI304, AISI316L
Size	1/2"-12", DN10-DN300
Ferrule length	12.7mm, 21.5mm, 28.6mm
Machining	Clamp: by casting; Ferrule: by forging, then CNC
Gasket material	EPDM, PTFE, VITON, SILICON

SS BLIND DUMMY NUT

We can produce sanitary unions that meet DIN, SMS, and IDF standards, ensuring high-quality, reliable connections for various industries. The forged parts are made from round steel, meticulously machined using advanced CNC machines for precision and durability. These unions can be manufactured with different surface finishes, such as matte, polished, or custom finishes, based on the client's specific requirements. We specialize in creating custom designs and specifications to meet the diverse and unique needs of our customers.

SS WELDED CONCENTRIC REDUCER

Name	Sanitary Stainless Steel Welded Concentric Reducer
Material	Stainless steel 304, 316L
Standard	3A, SMS, DIN
Size	DN20/15 – DN300/100
Surface treatment	Mirror, hairline polishing
Customisation	We also can produce the products size, height, thickness according to customer request.

FLOATING BALL VALVE

The floating ball valve is a widely used type of quarter-turn valve designed for precise flow control in various industrial applications. Its unique design features a ball with a through-hole that rotates within the valve body to control the flow of liquids or gases. The ball is not fixed to the stem, allowing it to "float" between the upstream and downstream seats. This floating action enables the ball to move slightly under pressure, ensuring a tight seal against the downstream seat. Floating ball valves are known for their excellent sealing performance, durability, and ease of operation.

TRUNNION MOUNTED BALL VALVE

A trunnion mounted ball valve is a robust and advanced type of quarter-turn valve designed for high-pressure and large-diameter applications. Unlike floating ball valves, the ball in a trunnion mounted valve is anchored at the top and bottom by trunnions (shafts), which prevents the ball from moving under pressure. This fixed position allows the valve seats to move and press against the ball, creating a reliable seal even at high pressures. These valves are ideal for demanding applications in industries such as oil and gas, petrochemical plants, power generation, and pipeline systems.

KEY FEATURES & APPLICATIONS

Key Features	Applications
CNC-machined bodies with mirror and hairline polished finishes	Milk and dairy processing plants
DIN, 3A, SMS, RJT, ISO, IDF, DS and Macon standards	Beer, beverage and brewing systems
Gaskets in EPDM, PTFE, VITON, Silicone and NBR	Food processing lines
Leak-proof, easy-to-clean sanitary connections	Pharmaceutical and cosmetics manufacturing
Weld, clamp, thread and union end connections	Chemical and sanitary pipeline systems

QUALITY ASSURANCE

All material is supplied with EN 10204 3.1 Material Test Certificates covering chemical composition and mechanical properties. Third-party inspection (TUV, SGS, BV, Lloyds) available on request. Material is third-party marked, colour coded and packed for export dispatch worldwide.

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