



**KLIENFLO**  
ENGINEERING

## Precision & Performance

Klienflo Engineering's reputation is built on a foundation of quality, reliability and precision.



## Contact Us

📍 Office No. 204, 2nd Floor, Plot No.639, Neo Clarissa  
Sicka Nagar, N.D Road, Mumbai- 400004.

☎ +91 70930 27619

✉ sales@klienfloengg.com  
klienfloengineering@gmail.com

## ABOUT OUR COMPANY

At Kubos Engineering, we are proud to be at the forefront of industrial valve solutions, delivering unmatched reliability, precision, and performance to industries worldwide. Our commitment to excellence and passion for engineering drives us to create cutting-edge valve solutions that stand the test of time. We have a rich history of providing high-quality industrial valves to meet the demanding needs of diverse sectors.

Our journey has been marked by a relentless pursuit of innovation and a steadfast commitment to delivering products that exceed industry standards. At the heart of our success lies a team of dedicated engineers and experts who bring unparalleled skill and knowledge to the design and manufacturing of industrial valves.

### OUR VISION

To become an internationally respected company that improves the quality of life for all stakeholders via long-term industrial and commercial development.

### OUR VALUES

To deliver high-quality goods on time and within budget, while maintaining positive relationships with the top individuals in the steel industry.

### OUR MISSION

To build a forward-thinking corporation in the ferrous and non-ferrous metals industry. To become increasingly well-known for our superior product quality and great customer service.



## WHY CHOOSE US?

- CUSTOMER CENTRIC
- ON TIME DELIVERY
- COST EFFICIENCY
- QUALITATIVE APPROACH
- STAFF EXPERTISE
- PRODUCT PACKGING

## OUR QUALITY

Product quality is a paramount factor that significantly influences consumer satisfaction and brand reputation. A product's quality is a multifaceted concept that encompasses various aspects, including durability, performance, safety, and overall functionality. High-quality products not only meet but often exceed customer expectations, demonstrating reliability and superior craftsmanship.

Product developers play a pivotal role in bringing innovative ideas to life. Their expertise lies in transforming concepts into tangible, market-ready products.

- QUALITY ASSURANCE
- THIRD PARTY INSPECTION
- TESTING FACILITY

## UDHYAM REGISTRATION CERTIFICATE



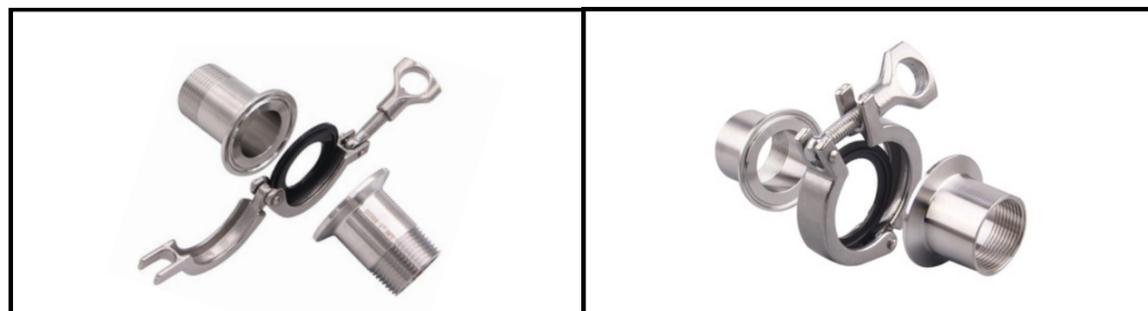
# DAIRY & PHARMACEUTICAL FITTINGS

## BUTT WELD FITTINGS



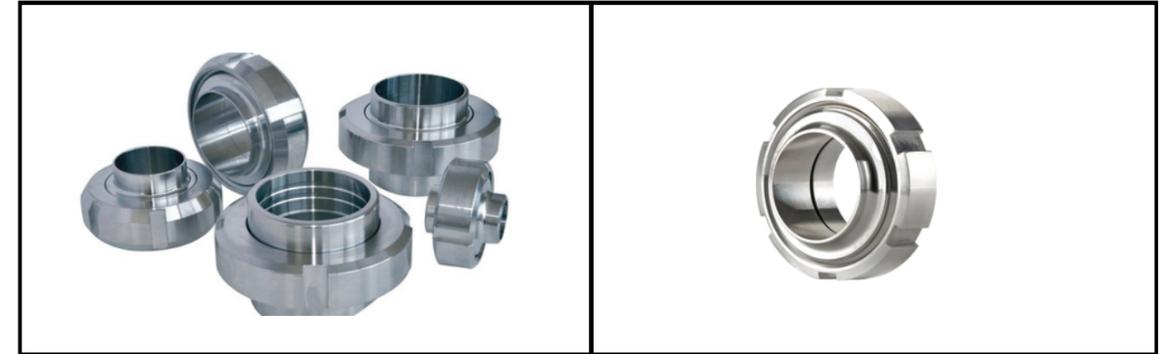
<b>MATERIAL</b>	Stainless Steel
<b>GRADES</b>	SS 304/304L, SS 316/316L
<b>TYPES</b>	Elbows (90°, 45°), Tees (Equal, Reducing), U-BEND, Reducers (Concentric, Eccentric), Crosses
<b>FINISH</b>	Inside (E.P) Outside (Mirror / Matt)
<b>SIZE</b>	½" to 6"

## TC (TRI-CLOVER) CLAMP & FERRULES



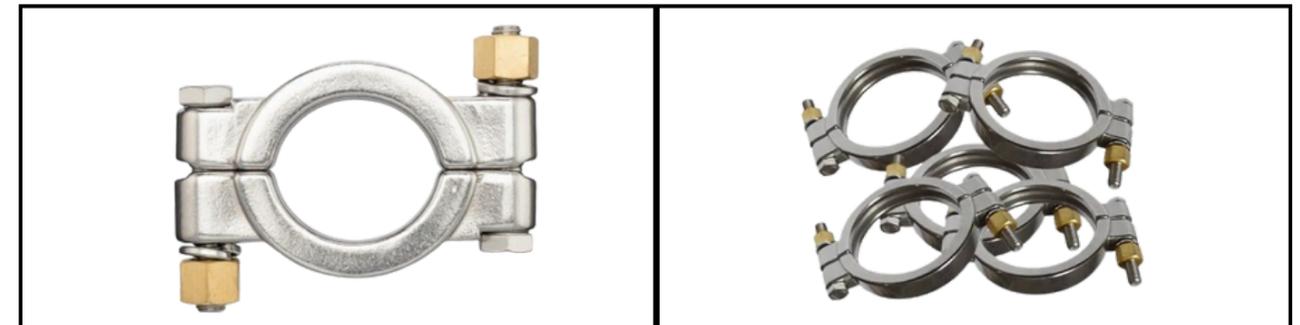
<b>MATERIAL</b>	Stainless Steel
<b>GRADES</b>	SS 304/304L, SS 316/316L
<b>TYPES</b>	Eclamps (Single pin, Double pin), Ferrules/LINERS (Short, Long), Gaskets (Silicone, EPDM, PTFE)
<b>SIZE</b>	½" to 12"

## SMS UNIONS



<b>MATERIAL</b>	Stainless Steel SS
<b>GRADES</b>	304/304L, SS 316/316L
<b>TYPES</b>	SMS UNION ( WELDABLE UNION, EXPANDABLE UNION ) SMS Unions, DIN Unions, RJT Unions, IDF Unions, Union Nut, Blind Nut
<b>SIZE</b>	½" to 6"

## HIGH PRESSURE TC CLAMP



<b>MATERIAL</b>	Stainless Steel
<b>GRADES</b>	SS 304
<b>TYPES</b>	Eclamps (Single pin, Double pin), Ferrules/LINERS (Short, Long), Gaskets (Silicone, EPDM, PTFE)
<b>SIZE</b>	1" to 4"

## TC FITTINGS



<b>MATERIAL</b>	Stainless Steel
<b>GRADES</b>	SS 304
<b>TYPES</b>	TC Bend, TC Tee, Reducer, TC Hose, TCAdaptors (Male / Female)
<b>SIZE</b>	1" to 4"

## STAINLESS STEEL FILTERS



<b>MATERIAL</b>	Stainless Steel
<b>GRADES</b>	SS 304, 316
<b>TYPES</b>	Conical Filter (Union End) Inline Filter (L Type, I Type)
<b>SIZE</b>	1" to 4"

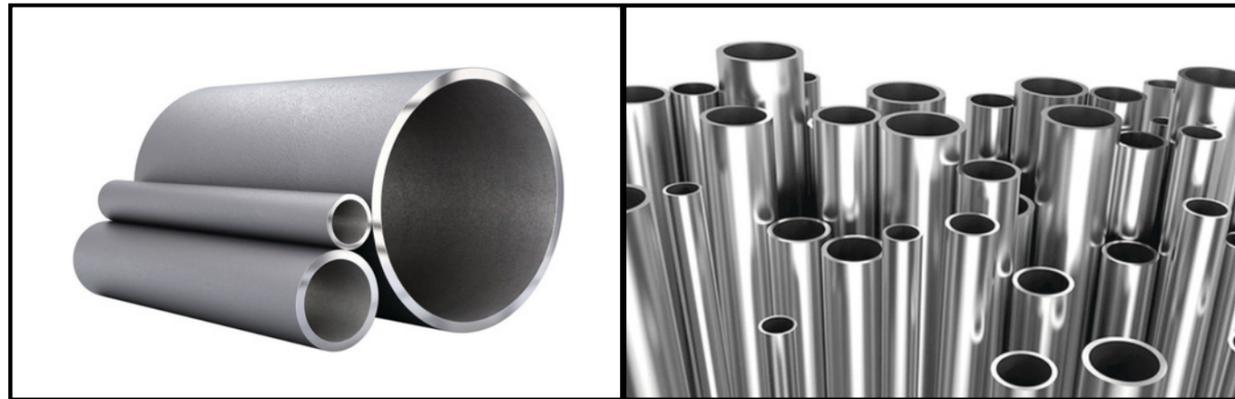
## DAIRY & PHARMACEUTICAL VALVES



<b>MATERIAL</b>	Stainless Steel
<b>GRADES</b>	SS 304/304L, SS 316/316L
<b>END CONNECTION</b>	TC, UNION, WELABLE, THREADED
<b>TYPES</b>	Butterfly Valves (Manual, Pneumatic, Electric), Plug Valves, Ball Valves (3-piece, Full bore, Cavity filled), Diaphragm Valves (Weir-type, Straight-through), Check Valves (Non-return valves), Sampling Valves, Spray Ball (Threaded, TC End, PIN Type), Float Valve (Full Set)
<b>SIZE</b>	½" to 4"

# DAIRY & PHARMACEUTICAL FITTINGS

## ELECTROPOLISHED PIPES



<b>MATERIAL</b>	Stainless Steel SS 304/304L, SS
<b>GRADES</b>	316/316L
<b>INSIDE POLISH</b>	Electro-polished, Mechanical
<b>OUTSIDE POLISH</b>	Matt, Mirror
<b>SIZE</b>	½" to 12"

## PIPE HOLDING CLAMPS



<b>MATERIAL</b>	Stainless Steel
<b>GRADES</b>	SS 304/304L, SS 316/316L
<b>TYPES</b>	Indian, Imported
<b>SIZE</b>	½" to 12"

## INSTRUMENTATION



<b>MATERIAL</b>	Stainless Steel
<b>GRADES</b>	SS 304/304L, SS 316/316L
<b>TYPES</b>	Sight Glass (Inline, Full-view), Pressure Gauges (Sanitary design), Temperature Sensors (RTD, Thermowell), Flow Meters (Magnetic, Turbine, Electromagnetic), UNION SPANNER, TUBE EXPANDER
<b>SIZE</b>	½" to 4"

## TANK & VESSEL ACCESSORIES



<b>MATERIAL</b>	Stainless Steel
<b>GRADES</b>	SS 304/304L, SS 316/316L
<b>TYPES</b>	Spray Balls / Cleaning Nozzles (CIP/SIP), Manways / MANHOLES (Round, Oval, Rectangular), Vents / Air Relief Valves, Level Indicators, Agitator Seals and Fittings

## GASKETS & SEALS

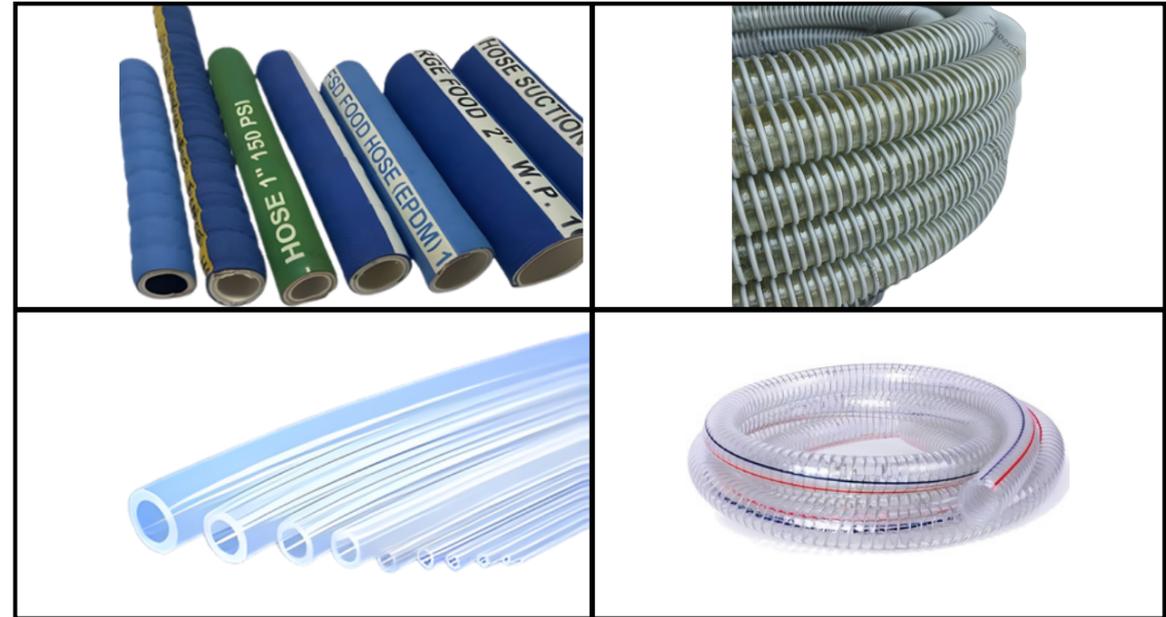


**MATERIAL** EPDM, PTFE, Silicone, Rubber, Viton, Stainless Steel

**GRADES** SS 304/304L, SS 316/316L

**TYPES** Union Gasket, TC Gasket, Valves Gasket etc.

## FOODGRADE DAIRY HOSES



**MATERIAL** Stainless Steel

**GRADES** SS 304/304L, SS 316/316L

**TYPES** Silicone Hoses, UHMWPE Rubber Hose, Nylon Braided Hose, PVC Hose, Thunder Spring Hose, PTFE Hoses, Hose Barb Fittings, Camlock Fittings (For utility lines, not sterile fluid)

**QUALITY** Food Grade

PIPE WITH FITTINGS ALSO AVAILABLE AS PER REQUIREMENT

## FLOAT BALLS



**MATERIAL** Stainless Steel (304/316), Copper, Bronze

**TYPES** Magnetic Float, Ball Type Float, Tank Level Indicator Float, Float Steam Traps, CIP/SIP Systems

**SHAPES** Round, Capsule, Disc

**SIZE** 2" TO 12"

**THICKNESS** 0.5MM TO 2 MM

**THREAD SIZE** M10, M12, 1/4" BSP etc.

**FINISH** Electro Polish(Pharma Grade) Mirror Finish Or Satin Finish(For DAIRY)

## CLAMPS



**MATERIAL** SS, Mild Steel (MS)

**GRADES** 304, 306, MS, GI

**TYPES** Hose Clamp, GI-Shade, Patti-Clamps, Universal Clamps, U-Bolts, Toggle Clamp

## BELLOW & FLEXIBLE HOSES WITH FITTINGS



<b>MATERIAL</b>	Stainless Steel, PTFE, PVC, Silicon, UHMWPE, Wire braided...
<b>GRADES</b>	SS 304, SS 316, Food grade...
<b>END CONNECTION</b>	Union End, TC End, Swivel Fittings, Couplings, Etc....
<b>QUALITY</b>	Food Grade

## HYDRAULIC INSTRUMENTAL FITTINGS



<b>MATERIAL</b>	Stainless Steel
<b>GRADES</b>	SS 304/304L, SS 316/316L
<b>TYPES</b>	Field Attachable Hose Fittings, Crimp Fittings – No-Skive, Crimp Fittings – Skive, Face Seal Fittings, Hydraulic Flanges, Flare Fittings, Flareless Fittings, Hydraulic DIN Fittings, PTFE Hose Fittings, Hydraulic Push-to-Connect Fittings, Rotary and Swivel Fittings, Subsea Hose Fittings, Weld Fittings

## HYDRAULIC HOSE PIPES



TYPES	REINFORCEMENT	PRESSURE RANGE	APPLICATION
<b>R1 (1SN)</b>	Single Wire Braid	Medium Pressure Up To ~225 Bar)	General Hydraulics
<b>R2 (2SN)</b>	Double Wire Braid	Higher Pressure Up To ~400 Bar)	Construction, Machinery
<b>R3 / R6</b>	Textile Braid	Low Pressure	Return Lines, Air, Water
<b>4SP / 4SH</b>	Spiral Wire (4 Layers)	Very High Pressure (Up To 450-600 Bar)	Heavy-Duty Systems
<b>THERMOPLASTIC</b>	Synthetic Fibers Or Steel	Variable, Often Lower	Compact, Lightweight, Clean Environments
<b>PTFE HOSE</b>	Stainless Braided	High Temperature & Chemical Resistance	Pharma, Food-Grade, Chemical Transfer
<b>END CONNECTION/ FITTING</b>	BSP, NPT, Metric, Crimped, Reusable Type, Straight, Elbow, Flange Type		

## STAINLESS STEEL BUTWELD & FORGED FITTINGS



**MATERIAL** Stainless Steel

**GRADES** SS 304/304L, SS 316/316L

**TYPES** Butt welded Fitting, Socket Weld Fitting & Forged Fittings

**FORMS** Elbows, Reducers, Tees, Bends, Stub Ends, Couplings, Nipples, Collars, Caps, Olets, etc.

## IC INVESTMENT CASTING FITTING



**MATERIAL** SS, MS

**GRADES** 304, 316, GI

**TYPES** Elbow, Tee, Reducer, Couplings, Flange, Caps & Plugs, Unions, Adaptors, Hex Nipple.

**SIZE** ½" to 3"

## STAINLESS STEEL FLANGES



**MATERIAL** Stainless Steel, Carbon Steel, Alloy Steel

**GRADES** Stainless Steel : ASTM/ASME SA 182F : 304, 304L, 316, 316L, 316LN, 317, 317L, 347

Carbon Steel : ASTM/ASME A 105, ASTM/ASME A 350 LF 2

Alloy Steel : ASTM/ASME A 182 Gr. F5, F9, F11, F12, F22, F91

**TYPES** Slip on, Socket Weld, Blind, Lapped, Screwed, Weld Neck, Reducing, Spectacle, Slip on Boss, Plate, Plate Blank, Screwed Boss

## INDUSTRIAL VALVES



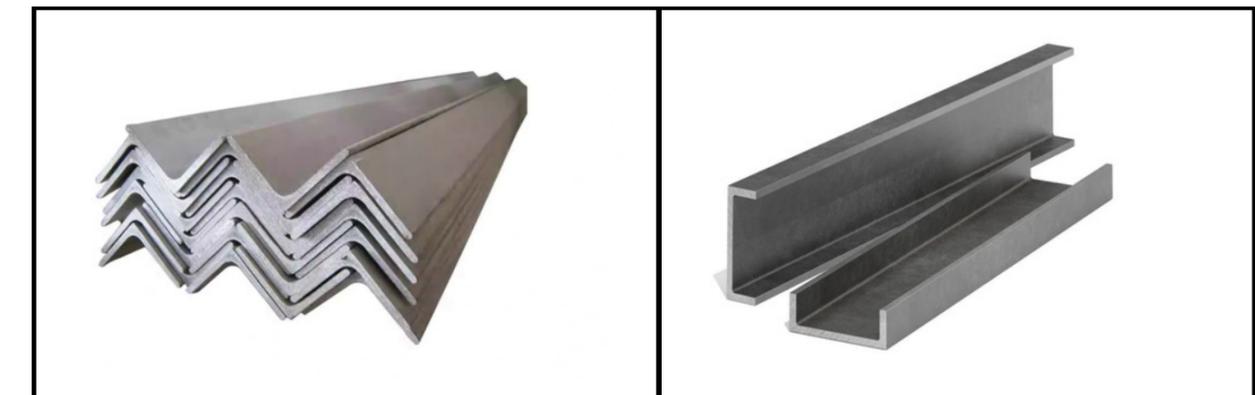
<b>MATERIAL</b>	Stainless Steel / Carbon Steel / Cast Iron/ Hastelloy / Inconel
<b>GRADES</b>	WCB, Wc1, Wc6, Wc9, LCB, LCC, Lc3, C5, C12, Cf8, CF8M, Cf3, CF3M, CF8C, CN7M, CD4MCU, 304L, 316L etc
<b>MAKE</b>	Racer Value
<b>STANDARD</b>	ASTM/ASME/ANSI/AISI/DIN
<b>TYPES</b>	Gate Valve, Ball Valve, Globe Valve, Butterfly Valve, Check Valve, Cryogenic Valve
<b>SIZE</b>	½" to 60"
<b>CLASS</b>	150#, 300#, 600#, 800#, 900#, 1500# & 2500#

## PIPES & TUBES (SEAMLESS & ERW)



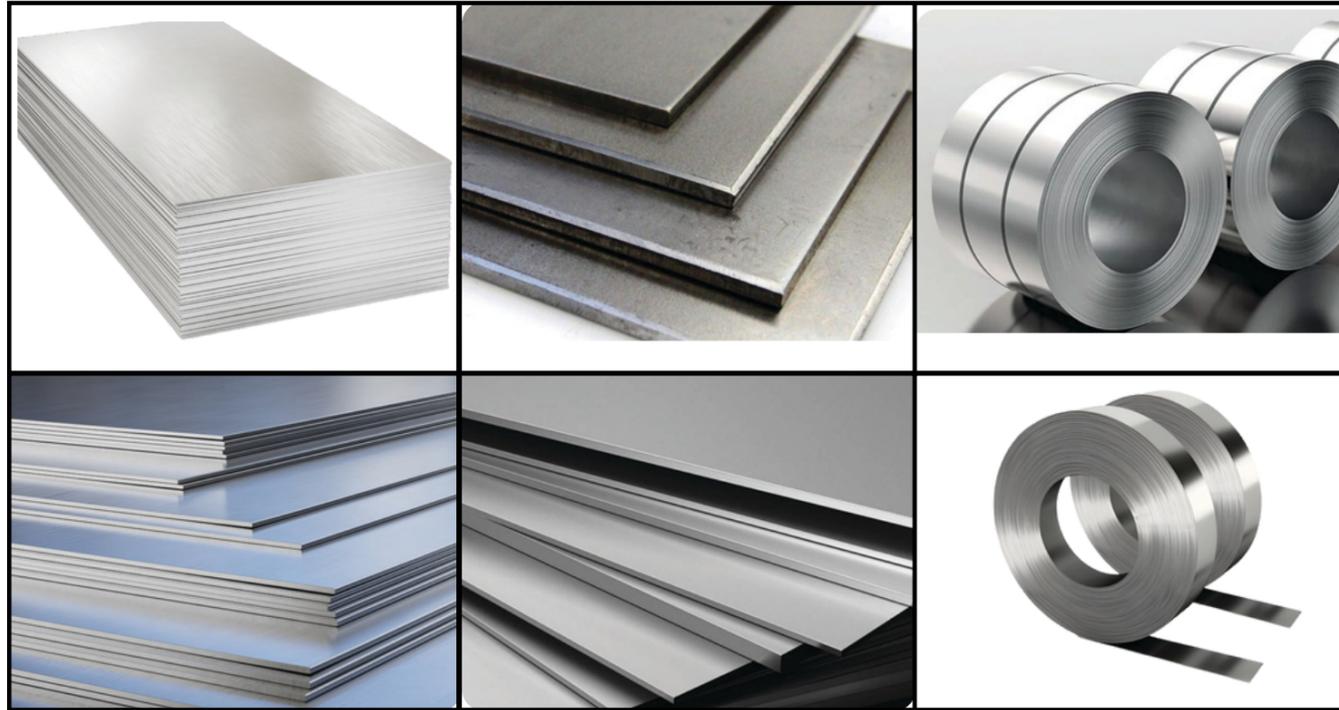
<b>MATERIAL</b>	Stainless Steel, Carbon Steel
<b>GRADES</b>	Stainless Steel : ASTM A 312 TP304/L/H, 316/L/H/Ti, 321/H, 347/H, 410, 904L Carbon Steel : ASTM/ASME A 53 Gr.A&B, ASTM A 106 Gr.A, B & C. API5L GR. B, API5L X 42, X46, X52, X 60, X65 & X70, ASTM/ASME A 691 Gr.A, B & C

## ANGLES & CHANNELS



<b>MATERIAL</b>	Stainless Steel, Carbon Steel, Alloy Steel, Mild Steel (EN Series)
<b>GRADES</b>	Stainless Steel : 304/304L, 316/316L/316Ti, 321, 310/310S, 317/317L, 347, 17-4Ph, 15-5Ph, 904L, 410, 420, 430, 431, 430F, 416, 440C etc. Alloy Steel : F5, F9, F11, F22, F91.
<b>SIZES OF ANGLES</b>	20mm to 150mm, in Thk = 3mm to 12mm
<b>SIZES OF CHANNELS</b>	20mm to 500mm, in Thk = 3mm to 50mm
<b>SPECIFICATION</b>	

## SHEETS | PLATES | COILS



**MATERIAL** Stainless Steel, Carbon Steel, Alloy Steel

**GRADES** Stainless Steel : ASTM/ASME SA 304, 304L, 309S, 310S, 316, 316 Ti, 317, 317L, 321, 347, 409, 410, 410S, 430  
Carbon Steel : ASTM A 516Gr.60, 70 etc.  
Alloy Steel : ASTM A 537 CL1, CL2 etc.

**TYPES** Sheet, Plates, Coils, Foils, Rolls, Plain Sheet, Shim Sheet, Perforated Sheet, Chequered Plate, Strip, Flats, Blank (Circle), Designer Sheet

## MS PIPE FITTINGS



**MATERIAL** Mild Steel

**GRADES** ASTM A105, ASME B16.9

**TYPES** MS Elbows, MS Tees, MS Reducers, MS Couplings, MS Unions, MS Caps, MS Crosses, MS Stub Ends, MS Nipples, MS Bushings, MS Plugs, MS Tray Clamps

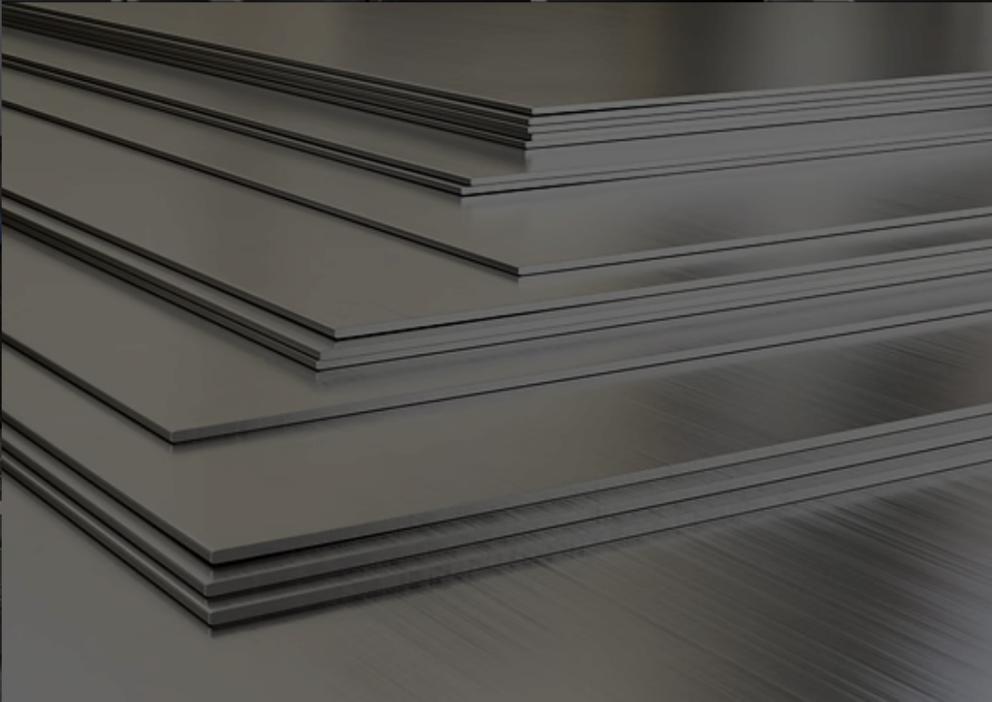
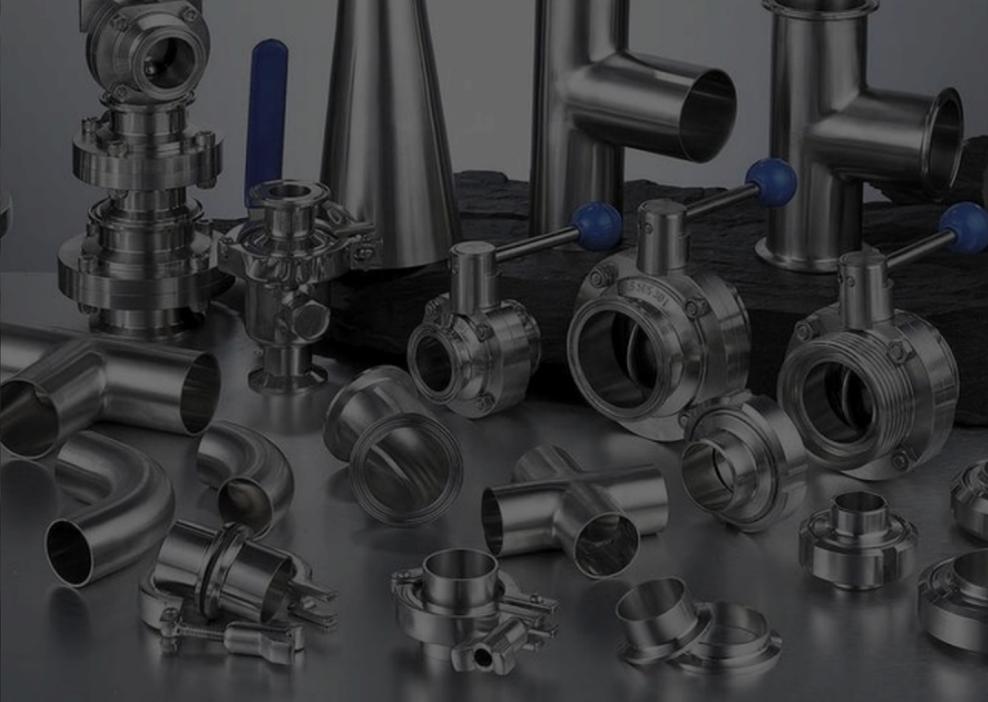
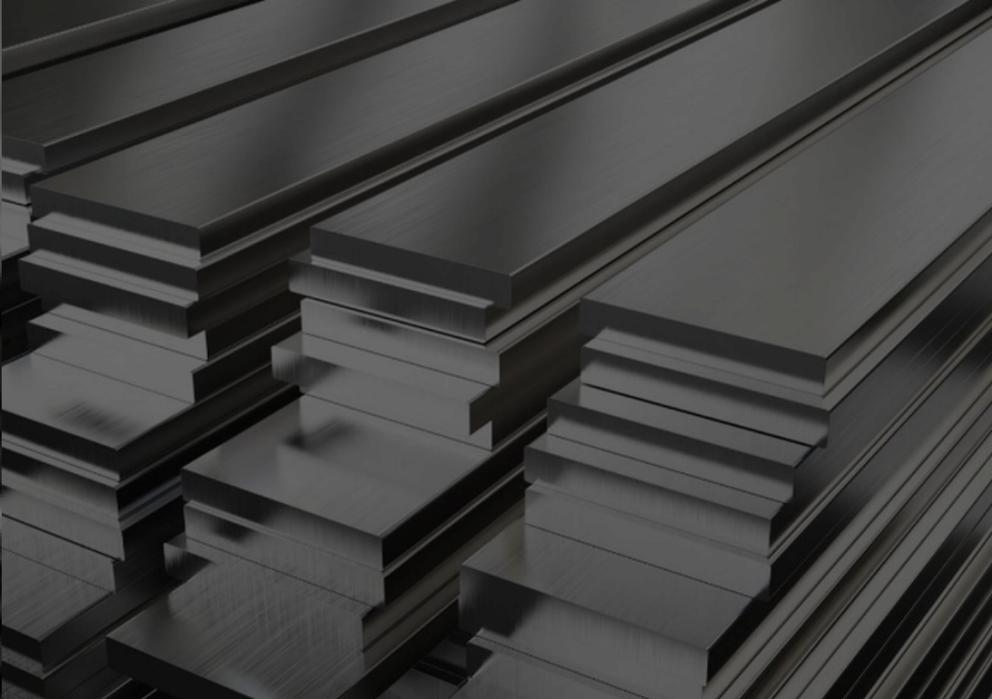
## FASTENERS



<b>MATERIAL</b>	Stainless Steel, Duplex Steel, High Nickel, Carbon Steel, Alloy Steel.
<b>SPECIFICATION</b>	ASTM/ASME A193 B8 (304), B8C (SS 347), ASTM A193 /A193M A320, A325, A194, A563, F-436.B8M(SS316), B8T(SS321), A2, A4//ASTMA 194 B8 (304), B8C(SS 347), B8M (SS 316), B8T (SS 321)
<b>TYPES</b>	Socket Head Cap Screws, Hexagonal Head Bolts & Screw, Marine Fenders, Hex. Nuts, Lock Nuts & Special Nuts, Fully Threaded Studs, Double Ended Studs, Hex Slotted & Castle Nuts, Punch Washers, Machined Washers, Spring Washers, Disc Spring Washers etc.

### Key Sectors:

- Pharmaceutical & Biotech:** Specialized SS 316L fittings and electro-polished pipes ensuring sterile processing environments.
- Food, Dairy & Beverage:** Food-grade SMS unions and dairy hoses designed for hygiene and easy maintenance.
- Chemical & Petrochemical:** Heavy-duty carbon and alloy steel valves capable of withstanding extreme pressures and corrosive fluids.
- Water & Waste Management:** Durable flow meters and pipe holding clamps for efficient large-scale water treatment.



# KLIENFLO

