



## 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

**KLIENFLO**  
ENGINEERING

## Precision & Performance

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



# 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 PACKAGING

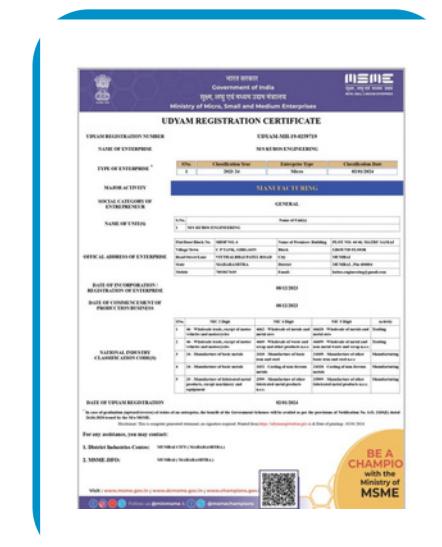
## OUR QUALITY

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

## FITTINGS



## BUTT WELD FITTINGS

**MATERIAL** Stainless Steel

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

**TYPES** Elbows (90°, 45°), Tees (Equal, Reducing), U-BEND, Reducers (Concentric, Eccentric), Crosses

**SIZE** ½" to 6"



## TRI-CLAMP/ TRI-CLOVER FITTINGS

**MATERIAL** Stainless Steel

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

**TYPES** Eclamps (Single pin, Double pin), Ferrules/LINERS (short, Long), Gaskets (Silicone, EPDM, PTFE)

**SIZE** ½" to 12"

# DAIRY & PHARMACEUTICAL FITTINGS

## FITTINGS



## UNION FITTINGS

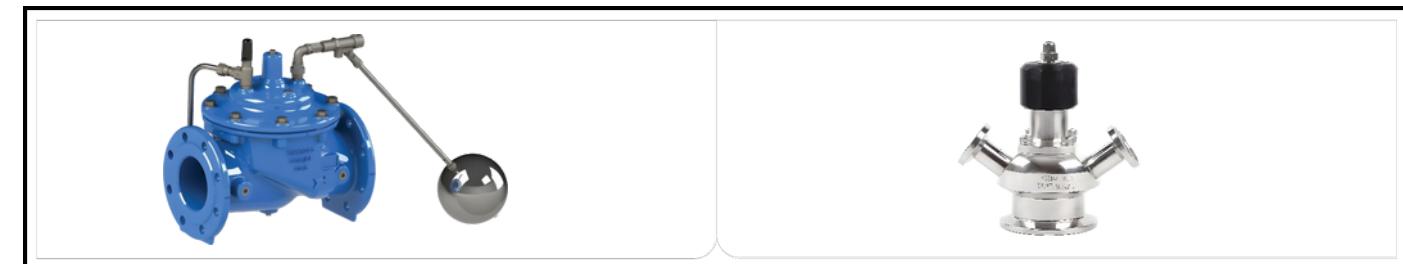
**MATERIAL** Stainless Steel

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

**TYPES** SMS UNION ( WELDABLE UNION, EXPANDABLE UNION )SMS Unions, DIN Unions, RJT Unions, IDF Unions

**SIZE** ½" to 6"

## DAIRY VALVES



**MATERIAL** Stainless Steel

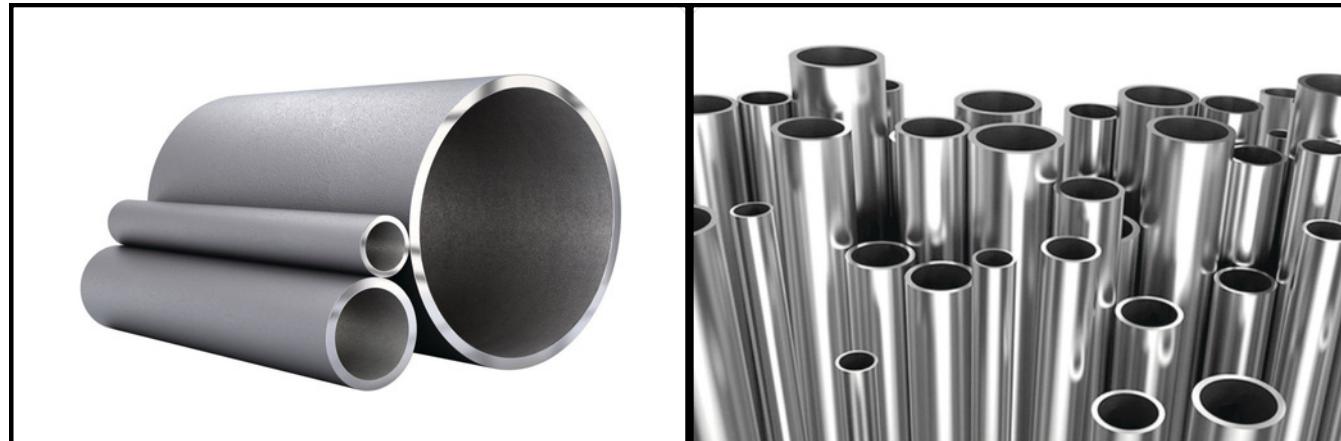
**GRADES** SS 304/304L, SS 316/316L

**TYPES** 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)

**SIZE** ½" to 4"

# DAIRY & PHARMACEUTICAL FITTINGS

## ELECTROPOLISHED PIPES



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

## PIPE HOLDING CLAMPS



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

# DAIRY & PHARMACEUTICAL FITTINGS

## INSTRUMENTATION



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

## TANK & VESSEL ACCESSORIES



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

# DAIRY & PHARMACEUTICAL 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 HOSES



**MATERIAL** Stainless Steel

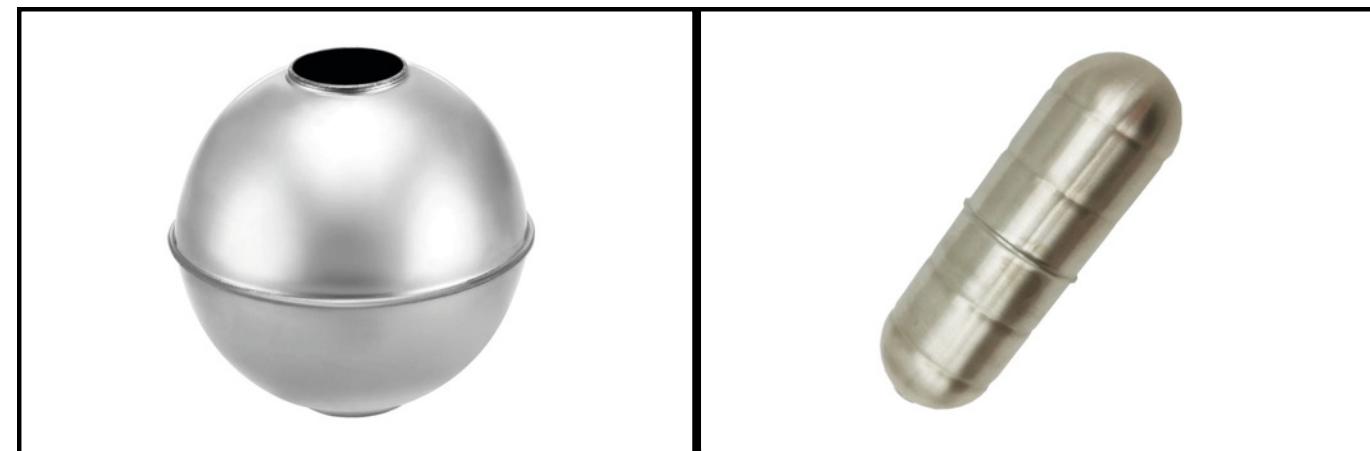
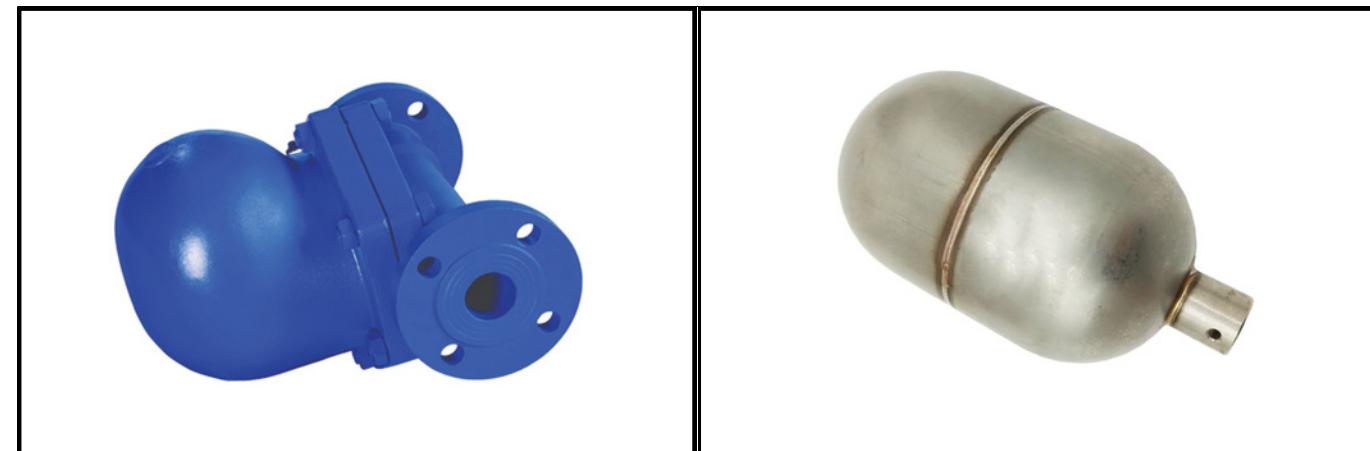
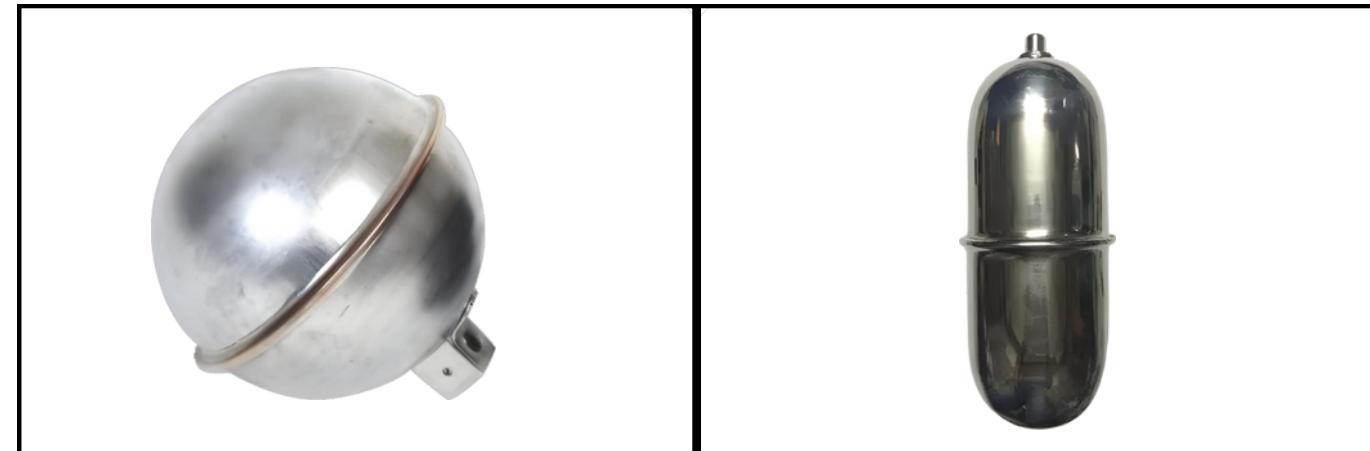
**GRADES** SS 304/304L, SS 316/316L

**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

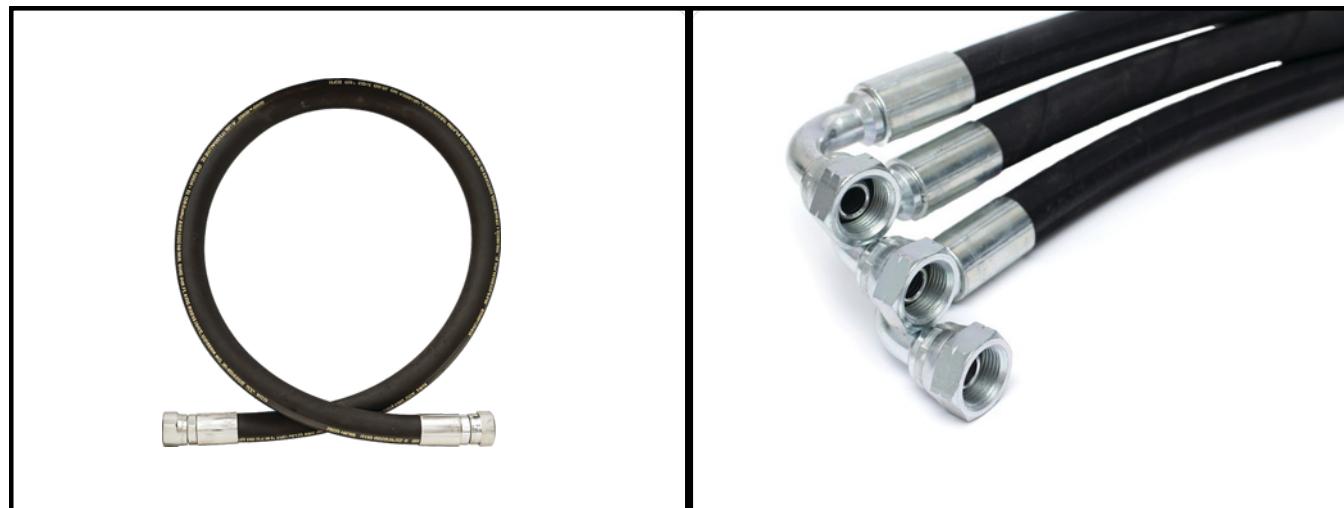
**SIZE** 2" TO 12"

**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)

## HYDRAULIC HOSE PIPES



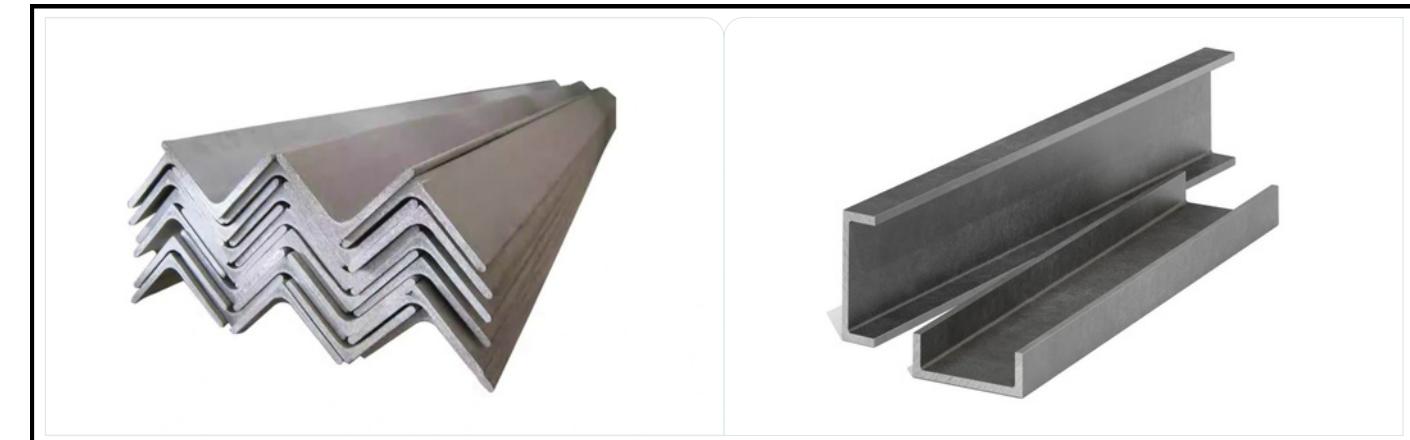
TYPES	REINFORCEMENT	PRESSURE RANGE	APPLICATION
R1 (1SN)	Single Wire Braid	Medium Pressure Up To ~225 Bar)	General Hydraulics
R2 (2SN)	Double Wire Braid	Higher Pressure Up To ~400 Bar)	Construction, Machinery
R3 / R6	Textile Braid	Low Pressure	Return Lines, Air, Water
4SP / 4SH	Spiral Wire (4 Layers)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

## ROUND BAR | HEX BAR | SQUARE BAR



MATERIAL	Stainless Steel, Carbon Steel, Alloy Steel
GRADES	Stainless Steel : ASTM/ASME SA 479 TP 304, 304L, 309S, 310S, 316, 316L, 316Ti, 317, 321, 347, 410, 430, 431 & 444. Carbon Steel : ASTM / ASME A 105. Alloy Steel : ASTM / ASME A 182 Gr. F5, F9, F11, F12, F91 ASTM/ASME A 729 Gr.B 11 & B 22
SPECIFICATION	ASTM, AISI, ASME, DIN, UNS etc

## ANGLES & CHANNELS



MATERIAL	Stainless Steel, Carbon Steel, Alloy Steel, Mild Steel (EN Series)
GRADES	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.
SIZES OF ANGLES	20mm to 150mm, in Thk = 3mm to 12mm
SIZES OF CHANNELS	20mm to 500mm, in Thk = 3mm to 50mm
SPECIFICATION	ASTM, AISI, ASME, DIN, UNS etc

## PIPES & TUBES(SEAMLESS & ERW)



**MATERIAL** Stainless Steel, Carbon Steel

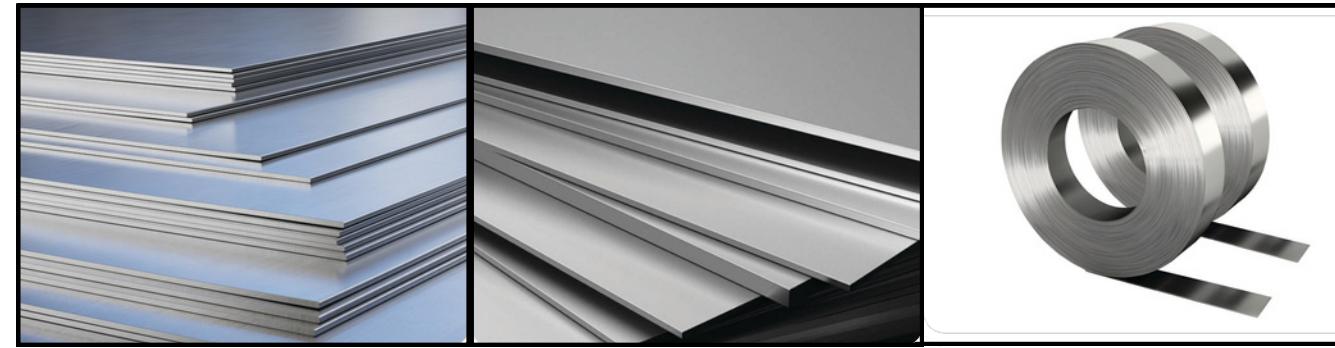
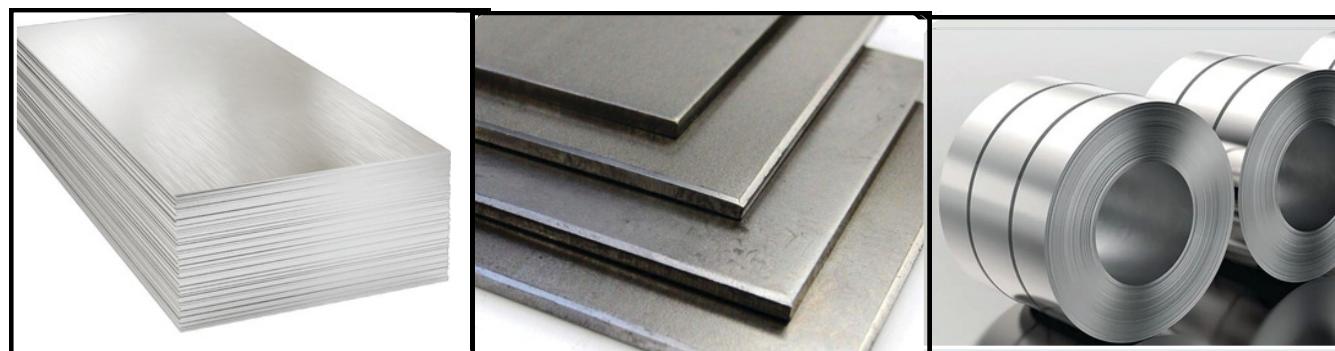
**GRADES** Stainless Steel : ASTM A 312 TP304/L/H, 316/L/H/Ti, 321/H, 347/H, 410, 904L  
Carbon Steel : ASTM/ASME A 53 Gr.A&B, ASTM A 106 Gr.A, B & C. API5L GR. B, API5L X 42, X46, X52, X 60, X65 & X70, ASTM/ASME A 691 Gr.A, B & C

## SHEETS | PLATES | COILS

### Stainless Steel Slitting Coils



## 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

**MATERIAL** Stainless Steel

**GRADE** SS 304/304L, SS 316/316L

**THICKNESS** 0.01mm To 3mm

**WIDTH** Up to 630 mm

**HARDNESS** Soft, 1/4 Hard, 1/2 Hard, 3/4 Hard & Full Hard

## FITTINGS



**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

**MATERIAL** Stainless Steel

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

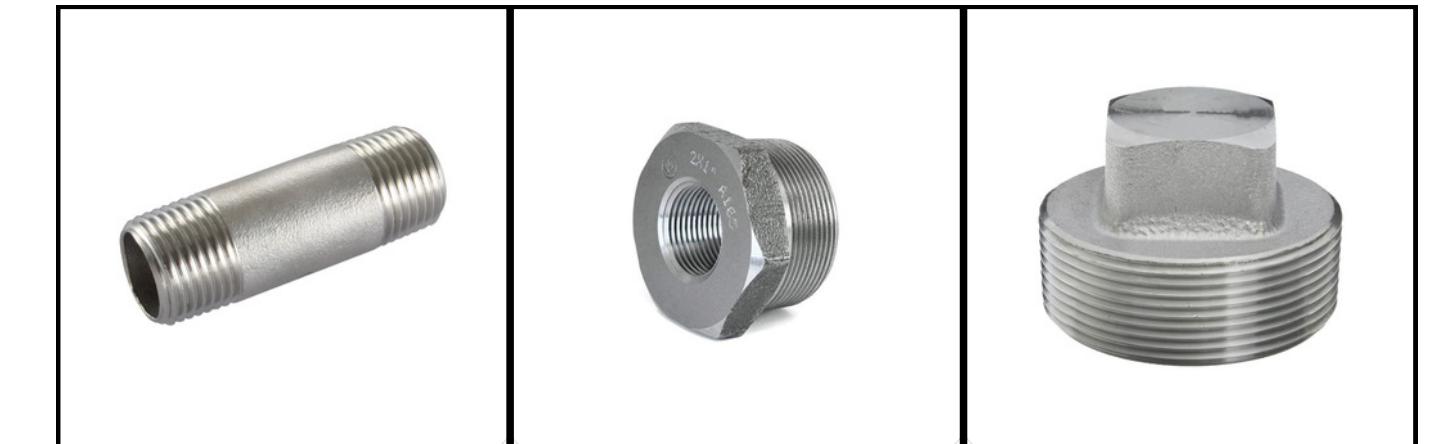
**TYPES** Butt welded Fitting, Socket Weld Fitting & Forged Fittings

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

## HYDRAULIC FITTINGS



## MS PIPE FITTINGS



**MATERIAL** Stainless Steel

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

**TYPES** 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

**MATERIAL** Mild Steel

**GRADES**

**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

## FLANGES



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

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

## FASTENERS



**MATERIAL** Stainless Steel, Duplex Steel, High Nickel, Carbon Steel, Alloy Steel.

**SPECIFICATION** 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)

**TYPES** 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.

# VALVES



**MATERIAL** Stainless Steel / Carbon Steel / Cast Iron/ Hastelloy / Inconel

**GRADES** WCB, Wc1, Wc6, Wc9, LCB, LCC, Lc3, C5, C12,Cf8, CF8M, Cf3, CF3M, CF8C, CN7M, CD4MCU, 304L, 316L etc

**MAKE** Racer Value

**STANDARD** ASTM/ASME/ANSI/AISI/DIN

**TYPES** Gate Valve, Ball Valve, Globe Valve, Butterfly Valve, Check Valve, Cryogenic Valve

**SIZE**  $\frac{1}{2}''$  to 60"

**CLASS** 150#, 300#, 600#, 800#, 900#, 1500# & 2500#