



VISHAL GROUP

ABOUT US

We at VISHAL GROUP offer you one stop solution for Piping Engineering, Process Flow Control Instruments & Fittings, All kind of Gaskets, Flame Proof Lighting & Accessories, Galvanized Cable Tray and many more Engineering Products.

We cater to various Industries such as Oil & Gas, Chemical, Petrochemicals, Fertilizer Industries, Thermal & Nuclear Power, Pharmaceuticals, Foods & Beverage Industries, Sugar Mills, Cement Plants, Waste Water Treatment Plants, Mining Industries, Textile Industries and Pulp & Paper Industries.

TECHNICAL SUPPORT

Vishal Group offer Products Based on Cutting Edge Technology & Vast Industry experience coupled with strategic alliance with Industry leaders with focus on customer service and wide distribution network.

CERTIFICATION

The Quality management system has been certified and complies with the requirements of ISO 9001: 2015

WHY CHOOSE US?

We offer world class products at substantially lower price, compared to our International Competitors. Situated in the emerging economic hub of the Indian subcontinent.



PIPE

SIZE : SMLS – 1/8" TO 24" (NPS)

ERW/HFW – 1/2" to 24" (NPS)

SAW – 18" to 48" (NPS)

SCHEDULE: 5S to XXS (Odd Thickness will be available on request)

MATERIAL: Carbon Steel, Stainless Steel, Duplex & Super Duplex, Alloy Steel

STANDARDS	GRADES
A106/A53	Gr. B
API 5L	Gr. B, X42-X65
A333	GR. 3 & GR.6
A335	P1,P5,P9,P11,P12,P22,P91,P92
A312 / A358	TP 304 / TP 304L / TP 316 / TP 316L
A790	UNS 31803/UNS 32205, UNS 32750/ UNS 32760
A928	UNS 31803/UNS 32205, UNS 32750/ UNS 32760



TUBE

TYPE :

- Heat Exchanger Tubes
- Condenser Tubes
- Boiler Tubes
- Instrumentation Tube
- Coil Tubing

STANDARDS	GRADES
A106	Gr. A,B,C
A179	
B622	C276 (UNS N 10276)
B626	C276 (UNS N 10276), C22 (UNS N06022)
A789	UNS S 31803, UNS S32760, UNS 32750
B516	Alloy 600 (UNS N06600)
A213	T2,T5,T9,T11,T12,T22,T91
A269, A498, A554	304/30L, 316/316L, 321



BUTTWELD FITTINGS

TYPE :

- Long Radius 90° & 45° Elbows
- Short Radius 90° & 45° Elbows
- Long Radius 180° Returns
- Short Radius 180° Returns
- Straight Tees
- Reducing Tees
- Lateral Tees
- Barred Tees
- Concentric Reducers
- Eccentric Reducers
- Crosses
- Caps
- Stub Ends

SIZE: 1/2" to 28" (SMLS) / 1/2" to 48" (WELDED)

SCHEDULE: 5S to XXS.

STANDARDS	GRADES
A234	Gr. B
A420	WPL3 & WPL6
A234	WP1,WP5,WP9,WP11,WP22
A403	WP 304/WP 304L,WP 316/WP 316L
A815	UNS 31803,UNS 32205, UNS 3275, UNS 32760
A860	WPHY42, WPHY46, WPHY52, WPHY56,WPHY60,WPHY65
MSS-SP75	WPHY 42-46-52-60-65-70





BUTTWELD FITTINGS - BEND

APPLICATION: Gas Pipeline, Oil Pipeline, Water Pipeline & Other Industrial Process plants

SIZE: 2" to 60"

THICKNESS: 5mm to 100mm (0.2" to 4")

BENDING ANGLE: Up to 180°

MATERIAL: Carbon Steel, Stainless Steel, Duplex & Super Duplex, Alloy Steel

STANDARDS	GRADES
API 5L	Gr. B, X42-X80 (PSL 1 & PSL 2)
A106/A53	Gr. B
A333	GR. 3 & GR.6
A312/A358	TP 304/TP 304L, TP316/TP316L, TP 312, TP 347
A790	UNS S 31803, UNS 32205, UNS 32750, UNS 32760
A213	T2,T5,T9,T11,T12,T91,T92,TP304,TP304L,TP316,TP316L,TP321,TP347
A335	P1,P5,P9,P11,P12,P22,P91,P92



FORGED FITTING

TYPE :

- Long Radius 90° & 45° Elbows
- Short Radius 90° & 45° Elbows
- Equal Tees
- Reducing Tees
- Lateral
- Crosses
- Reducers
- Street Elbow
- Coupling
- Caps
- Inserts
- Bushing
- Union

SIZE: ½" to 4 ½"

SCHEDULE: 5S to XXS

CLASS: 2000 to 6000 lbs

MATERIAL: Carbon Steel, Stainless Steel, Duplex & Super Duplex, Alloy Steel

STANDARDS	GRADES
A105	
A350	LF2/LF3
A182	F1,F5,F9,F11,F22
A182	F304/304L, F316/316L
A694	F42,F46,F52,F56,F60,F65,F70
A182	F51,F53,F60



REINFORCED BRANCH FITTING

TYPE :

- Weldolet
- Sockolet
- Thredolet
- Elbolet
- Nippolet
- Laterolet
- Sweepolet

SIZE: Up to 36"

CLASS: 3000 to 9000 lbs

MATERIAL: Carbon Steel, Stainless Steel, Duplex & Super Duplex, Alloy Steel

STANDARDS	GRADES
A105	
A350	LF2/LF3
A182	F1,F5,F9,F11,F22
A182	F304/304L, F316/316L
A694	F42,F46,F52,F56,F60,F65,F70
A182	F51,F53,F60



FLANGE

TYPE :

- Weld Neck
- Slip-On
- Socket Weld
- Blind
- Threaded
- Lap Joint
- Long Weld Neck

SIZES: ½" TO 48"

CLASS: 150 to 2500 lbs

MATERIALS: Carbon Steel, Stainless Steel, Duplex & Super Duplex, Alloy steel



STANDARDS	GRADES
A105	
A350	LF2/LF3
A182	F1,F5,F9,F11,F22
A182	F304/304L, F316/316L
A694	F42,F46,F52,F56,F60,F65,F70
A182	F51,F53,F60

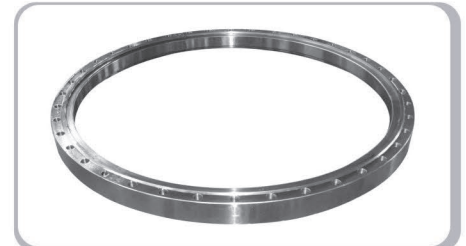
RING FORGINGS

TYPE :

- WIND TOWER FLANGES
- BEARING & GEAR BLANKS
- SLEWING BEARING

SIZES: UPTO 7000 MM OD

MATERIALS: CARBON & NON ALLOY STEEL



STANDARD	GRADE
ASMESA-182/SA182M-07A09	F11 CL1, F11 CL2, F11 CL3, F22 CL1, F22 CL3
EN 10222-2:1999	P280GH
EN 10222-2:1999	16Mo3, 13CrMo4-5, P250GH
DIN17243:1987	C22.8
DIN/EN10025-3	S355NL
ASTM A182	F304/ F304L/ F304H
	F316/ F316L/F316H
	F321/ F321H
	F347/ F347H
	F51/F53/F55/F60

FASTNER

TYPES

- Stud Bolts
- Turbine Bolting
- Hex Head Bolt
- Nuts
- Anchor Bolts
- High Tensile Threaded Rods
- Cap Screws
- Washers

SIZES: ¾"-3 ½"

MATERIALS: CS, SS, Aluminum, Duplex, Alloy steel

STANDARDS: ASTM, DIN, BS

GRADES

- A193- B5, B6, B7, B8, B8C, B8M, B8T, B16, B7M
- A194-2H, 2HM,3,4,6,7,8, 7M, 8C, 8M, 8T
- A320 -L7, L9, L10, B8, B8C, B8M, B8T, L7M

THREADING: ISO, ASME/ANSI, UN, UNF, ACME

COATINGS: Cadmium, Galvanized, Moly, PTFE, XYLAN



STRAINERS

TYPES

- Y Strainer
- T Strainer
- Basket Strainers
- Duplex Strainers
- Fabricated Strainers

END CONNECTION

- Threaded
- Flanged
- Socket weld
- Butt weld

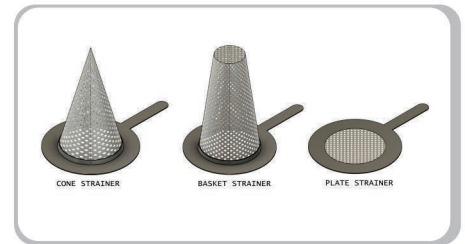


SIZES: ½" - 36"

PRESSURE CLASS: 150 # -2500#

MATERIALS: Carbon Steels, Stainless Steel, Aluminum

Standards	Grades
A216 (Casting)	GR.B
A105 (Forgings)	
A217 (Casting)	GR. WC 6
A182 (Forgings)	316 L
A351 (Casting)	CF8 M



ANTI VIBRATION MOUNTING

BUSHES :

- Load Range: 0.5kN to 600kN
- Size: OD 10 – 400 mm

BUMP STOPS :

- Load Range: 0.5kN to 50kN
- Size: 10 t – 250 mm

GENERATOR MOUNTS :

- Power: 0.5 kN – 200 kN
- Size: as per Customer Requirements

SANDWICH MOUNTS :

- Load Range: 0.1kN to 450kN
- Rectangle or Square: 10 x 10 x 10 to 300 x 300 x 300 mm
- Bobbin Size: OD 10 – 150 mm

SPECIAL VIBRATION ISOLATOR :

- Power: Ball Joints & Tunion Bushes for High Axial & Torsional Load



CABLE TRAY

TYPES: PERFORATED / LADDER

TRAY TYPE :

- PT – PLAIN TYPE FLANGE
- IR – INSIDE RETURNED FLANGE
- OR – OUTWARD RETURNED FLANGE
- CP – C-PROFILE FLANGE

SIZE RANGE:

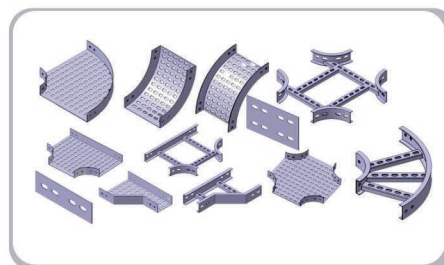
- SIDE HEIGHT: 25 MM TO 100 MM
- WIDTH: 50 MM (2") TO 900 MM (36")
- MATERIAL THICKNESS: 1 MM TO 2 MM
- LENGTH: 2440 MM / 3000 MM

ACCESSORIES :

- FLAT 90DEG BEND
- FLAT 45DEG BEND
- OUTSIDE RISER
- INSIDE RISER
- FLAT EQUAL TEE
- FLAT 4 WAY EQUAL INTERSECTION
- REDUCER
- STRAIGHT COUPLER
- CRANKED COUPLER
- FISH PLATE
- EARTH LINK

MATERIAL FINISH:

- HOT DIP GALVANISATION
- EPOXY PAINTED
- STAINLESS STEEL



GASKET

TYPE :

- Spiral Wound Gaskets
- Ring Joint Gasket
- Cam profile Gasket
- Corrugated Gasket
- Metal Jacketed

SIZES: ½" to 48"

THICKNESS: 3mm-7mm

MATERIALS: Soft Iron, Stainless Steel, Carbon Steel, Duplex & Nonmetallic.

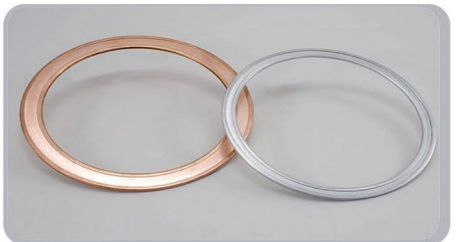
(Other Materials are available upon request).

STANDARDS: Suitable for ASME, BS, ANSI, API Flanges

GRADES: 304, 316, 321, 347, F11, F22, 904L, UNS 8825

STYLES: R, RX & BX

PRESSURE CLASS: 150#- 2500#



Asbestos & Non Asbestos Gaskets



Ring Joint Gaskets



Grooved or Camprofile Gaskets



Metal Eyelet Gaskets



Insulation Gasket Kits



Metallic Flat Flange Gasket



Other- Rubber to Metal Bonded Components



Other- Rubber to Metal Bonded Components



Spiral Wound Gaskets



PTFE Enveloped Gasket



PIFE, Graphite, Ceramic Gland Packing

PROCESS FLOW CONTROL INSTRUMENTS & FITTINGS



Control Valve



Diaphragm Seal Transmitter



Butterfly Valve



Thermowell



Level Indicators-Switches



Glass Tube Rotameter



Pressure Transmitter



Temperature Gauge



PH Analyser



Pressure Switches



RTD-Thermocouple



Temperature Transmitter



Pencil Type Pressure Transmitter



Solenoid Valves



Pressure Gauges



Electro Magnetic Flow Meter



Tube Fittings



Digital Pressure Gauge



Capacitance Level Level Transmitter



Process Indicators

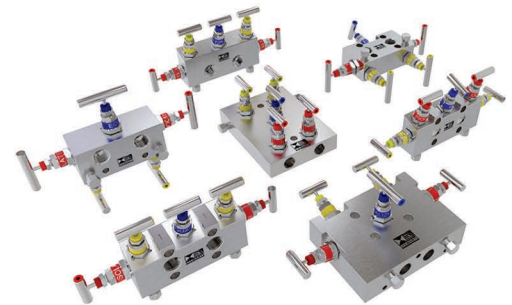
TUBE FITTINGS

- Range of double ferrule compression tube fittings
- Meet the standards of ASTM F1387-99 (2012)
- Offered in a variety of material such as SS316/L, SS304/L, CS, Monel, Brass
- NACE certification offered
- End connections as per customer requirement
- Working pressures as per ASME B31.3
- Temperatures up to 350° C
- Sizes up to 2 inch
- Heat code traceable



INSTRUMENTATION MANIFOLDS

- 2, 3 and 5 Valve Manifolds
- Separately mounted, direct mounted, coplanar and flanged configuration available
- Offered in a variety of material such as SS316/L, SS304/L, CS, Monel, Brass
- NACE certification offered
- END connections as per customer requirement
- Working pressure as per ASME B31.3
- Temperatures up to 350° C
- Sizes up to 2 inch
- Heat code traceable



NEEDLE VALVES

- A wide variety of needle valves available including two-way, three-way, multi-port, single block and bleed
- Offered in a variety of materials such as SS316/L, SS304/L, CS, Monel and Brass.
- NACE Certification offered
- END connections as per customer requirement
- Working pressures up to 10,000 psig (689 bar)
- Case hardened non-rotating swiveling plug
- Thread above the seal design to prevent wetting of threads
- Heat code traceable



INSTRUMENT HOOKUPS

- 3D Model for each Hook-Up designed in-house by a dedicated R&D team
- Finite Element Analysis using the customer technical brief such as temperature-flow and ambient, flow medium properties, surrounding environment conditions
- PDMS/PDS modeling which facilitates Hook-Up alignment with the plant layout
- End-to-End in-house manufacturing
- Complete traceability based compliance to quality control documents.
- Simplified packaging per TAG numbers.
- Optional on-site assistance if required while installation.



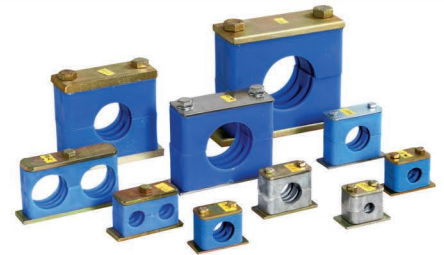
DOUBLE BLOCK & BLEED VALVES

- Designed as per ANSI 16.34
- Offered in a variety of materials such as SS316/L, SS304/L, CS, Monel.
- NACE certification offered.
- Flange and screwed end connections
- Working pressures up to 3,000 psig (207 bar)
- Sealing material – PTFE, Delrin
- Heat code traceable



PIPE AND TUBE CLAMPS

- Standard Duty construction as per DIN 3015 up to 2" of 50mm OD
- Heavy Duty Construction as per DIN 3015 up to 8" of 22mm OD
- A Special range of twin clamps available up to 42mm OD
- Clamps available in polypropylene, polyamide and aluminum with CS and SS metallic parts
- Channel mounting options available



NON RETURN VALVE

- Offered in a variety of materials such as SS316/L, SS304/L, CS, Monel, Brass
- NACE certification offered
- Screwed and tube end connections
- Working pressures up to 6,000 psig (414 bar)
- Standard cracking pressure 0.3-0.5 kg/cm²
- Cracking pressure up to 2kg/cm² can be offered for special applications
- Heat code traceable



HYDRAULIC FLARELESS FITTINGS

- Designed as per DIN 2353 / ISO 8434-1
- Offered in a variety of materials such as SS316/L, SS304/L, CS, Monel and Brass.
- NACE certification offered
- End connections as per the customer requirement/standard
- Offered in Light, Medium and Heavy Series
- Heat code traceable



SAE & CETOP FLANGES

SAE Flanges

- Designed as per ISO 6162
- Working pressures of 3000psig (207 bar) and 6000psig (414 bar)
- Butt weld and socket weld connections

CETOP Flanges

- Designed as per ISO 6164
- Dynamic working pressures of 2272psig (160 bar) and 4473psig (315 bar)
- Butt weld and socket weld end connections with square clamping



HIGH PRESSURE NEEDLE VALVES

- Specially designed for working pressures up to 30,000 psig (2, 112 bar)
- Offered in a variety of material such as SS316/L, SS304/L, Monel
- NACE certification offered
- End connections as per customer requirement
- Case hardened non-rotating swiveling plug
- Thread above the seal design to prevent wetting of threads
- Heat code traceable



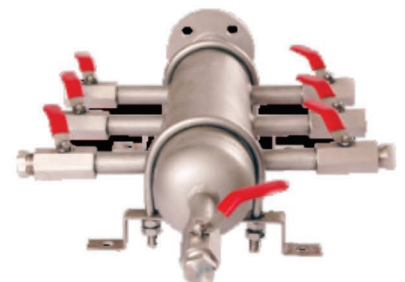
CONDENSATE POTS

- Designed in accordance with ASME Sec VIII Div I
- Offered in a variety of materials such as SS316/L, SS304/L, CS, Monel, A333, A335, dual certification, NACE certification
- Standard pipe size 2" to 8" and schedules 40,80,160, XX
- Socket weld, butt weld, NPT end connections
- Radiography offered on all weld joints
- Heat code traceable



AIR DISTRIBUTION MANIFOLDS

- Designed as per ASME Sec. VII, Div I
- Air manifold configurations customised to client specifications
- Offered in a variety of materials such as SS316/L, SS304/L, CS, Monel, NACE certification offered.
- Flanged, tube and screwed end connections offered
- A variety of mounting arrangements offered
- Radiography offered on all weld joints
- Heat code traceable



FLAME PROOF LIGHTINGS & ACCESSORIES



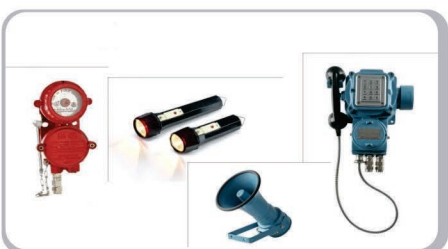
Junction Box



Lighting Fittings



Flameproof Cable Gland & Accessories



Misc Product



Socket & Station

INDUSTRIES WE SERVE



OIL & GAS



CHEMICAL - PETROCHEMICAL



POWER PLANT



FERTILIZER PLANT



WASTE WATER TREATMENT



TEXTILE INDUSTRY



PULP & PAPER



SUGAR INDUSTRY



PHARMACEUTICAL



FOOD & BEVERAGES



DYES & INTERMEDIATE



CEMENT INDUSTRY



VISHAL EXPORTS
VISHAL INTERNATIONAL
VISHAL INDUSTRIES



ADITYA
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