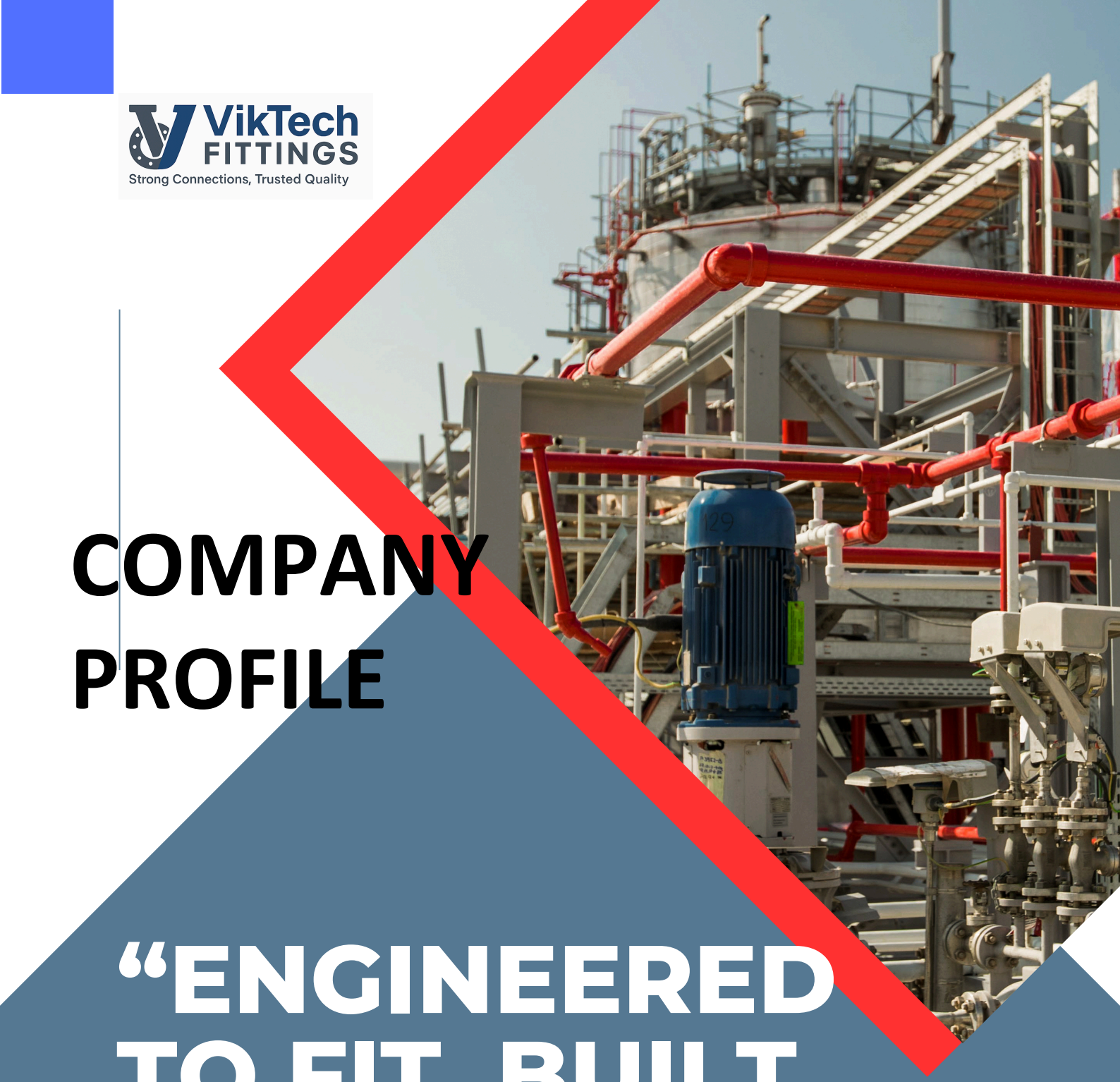
VikTech FITTINGS
Strong Connections, Trusted Quality



COMPANY PROFILE

“ENGINEERED TO FIT. BUILT TO LAST”

Connecting the World, One Fitting at a Time

+917678070276
viktechfittings@gmail.com
www.viktech.co.in
Mumbai Maharashtra-400093

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GSTN:27BNJPV4170K1ZD

PRODUCT CATALOGUE

Viktech Fittings is a reliable supplier of a wide range of pipe fittings and industrial hardware solutions.

"Delivering Trust in Every Fitting"

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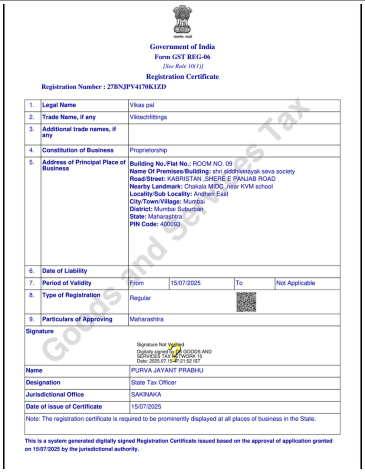


Government of India
Form GST REG-06
[See Rule 10(1)]
Registration Certificate
Registration Number : 27BNJPV4170K1ZD

1.	Legal Name	Vikas pal			
2.	Trade Name, if any	Viktechfittings			
3.	Additional trade names, if any				
4.	Constitution of Business	Proprietorship			
5.	Address of Principal Place of Business	Building No./Flat No.: ROOM NO. 09 Name Of Premises/Building: shri siddhivinayak seva society Road/Street: KABRISTAN ,SHERE E PANJAB ROAD Nearby Landmark: Chakala MIDC ,near KVM school Locality/Sub Locality: Andheri East City/Town/Village: Mumbai District: Mumbai Suburban State: Maharashtra PIN Code: 400093			
6.	Date of Liability				
7.	Period of Validity	From 15/07/2025	To	Not Applicable	
8.	Type of Registration	Regular			
9.	Particulars of Approving Signature	Maharashtra			
	Name	PURVA JAYANT PRABHU			
	Designation	State Tax Officer			
	Jurisdictional Office	SAKINAKA			
	Date of issue of Certificate	15/07/2025			

Note: The registration certificate is required to be prominently displayed at all places of business in the State.

This is a system generated digitally signed Registration Certificate issued based on the approval of application granted on 15/07/2025 by the jurisdictional authority.

ISO 9001:2015

Certificate of Registration

This is to certify that the Quality Management System of

VIKTECHFITTINGS

09, SIDDHIVINAYAK SEVA SOCIETY, SHERE E PANJAB ROAD, MIDC CHAKALA, ANDHERI EAST, MUMBAI SUBURBAN-400093, MAHARASHTRA, INDIA.

has been audited and conformed to be in accordance with the requirements of

ISO 9001:2015

The Quality Management System is Applicable to :

SOURCING, PROCUREMENT, SUPPLY, DISTRIBUTION, TENDERING PARTICIPATION AND EXPORT OF INDUSTRIAL FLANGES, PIPE FITTINGS, VALVES, FASTENERS, GASKETS, AND ALLIED PIPING COMPONENTS FOR EPC PROJECTS, INDUSTRIAL PLANTS, INFRASTRUCTURE SECTORS, AND DOMESTIC AS WELL AS INTERNATIONAL MARKETS.

IAF CODE : 29

Certificate No : 24UQLL05
Initial Registration Date : 24/02/2026 Issuance Date : 24/02/2026
Date of Expiry : 23/02/2029
1st Surv. Due : 24/01/2027 2nd Surv. Due : 24/01/2028

DIRECTOR

AQC UAF IAF

CB/MS-7001/I3

Certificate Verification: The Certification Validity can be checked at www.aqcboardofdirectors.org and re-checked at www.aboutassurancequality.com or Clients Directory.
The Certification Body Assurance Quality Certification Private Limited (AQC) located at A-60, Ground Floor, Sector - 2, Noida - 201301 U.P. Email: info@aboutassurancequality.com and shall be removed immediately when demanded.
*Validity of the Certificate is subject to successful completion of surveillance audit on or before of due date.

Government of India / भारत सरकार
Ministry of Commerce and Industry / वाणिज्य और उद्योग मंत्रालय
Directorate General of Foreign Trade / विदेश व्यापार महानिदेशालय
Office of the Additional Director General of Foreign Trade, Mumbai
CGO Office, New Building, SE wing, New Marine Lines, Churchgate, Mumbai, MAHARASHTRA, 400020 / सीजीओ कार्यालय, नई बिल्डिंग, एसई विंग, न्यू मरीन लाइन्स, चर्चगेट, मुंबई, महाराष्ट्र, 400020

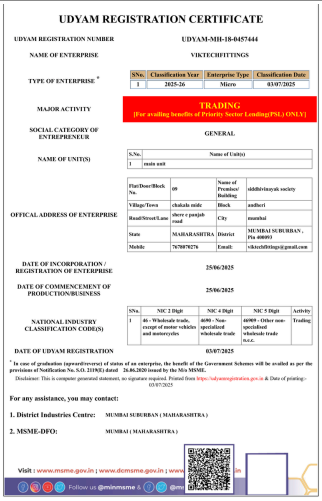
Importer-Exporter Code

This is to certify that VIKTECHFITTINGS is issued an Importer-Exporter Code (IEC) BNJPV4170K with details as follows -

IEC	BNJPV4170K
फर्म्स पैन कार्ड नं./PAN /PAN	BNJPV4170K
फर्म का नाम/Firm Name	VIKTECHFITTINGS
नियम की प्रकृति /Nature of Concern	Proprietorship
जारी करने की तारीख/Date of Issue	12/08/2025
पता/Registered Address	09 ,SIDDHIVINAYAK SEVA SOCIETY, SHERE E PANJAB ROAD , MIDC CHAKALA, ANDHERI EAST, MUMBAI SUBURBAN, MAHARASHTRA, 400093
धारक का नाम / Name of the Signatory	Vikas Pal
Director / Partner Details	Refer online at https://dgft.gov.in or scan the QR Code
शाखा/ब्रांच/ Branch Details	Refer online at https://dgft.gov.in or scan the QR Code

Last Modified : 12/08/2025
File Number : MUMIECPAPPLY0002445AM26

Note : This is a system-generated certificate. Authenticity / Updated details of the IEC can be checked at official DGFT website https://dgft.gov.in by entering the IEC and Firm Name under Services > View Any IEC Details. You can also authenticate the certificate by scanning the QR code.



UDYAM REGISTRATION CERTIFICATE

UDYAM REGISTRATION NUMBER	UDYAM-MH-18-0457444
NAME OF ENTERPRISE	VIKTECHFITTINGS
TYPE OF ENTERPRISE *	S.No. 1 | Classification Year 2025-26 | Enterprise Type Micro | Classification Date 03/07/2025
MAJOR ACTIVITY	TRADING [For availing benefits of Priority Sector Lending(PSL) ONLY]
SOCIAL CATEGORY OF ENTREPRENEUR	GENERAL
NAME OF UNIT(S)	S.No. 1 | Name of Unit(s) main unit
OFFICAL ADDRESS OF ENTERPRISE	Flat/Door/Block No. 09 | Name of Premises/ Building siddhivinayak society | Village/Town chakala mide | Block andheri | Road/Street/Lane shere e panjab road | City mumbai | State MAHARASHTRA | District MUMBAI SUBURBAN , Pin 400093 | Mobile 7678078276 | Email: viktechfittings@gmail.com
DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE	25/06/2025
DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS	25/06/2025
NATIONAL INDUSTRY CLASSIFICATION CODE(S)	S.No. 1 | NIC 2 Digit 46 - Wholesale trade, except of motor vehicles and motorcycles | NIC 4 Digit 4690 - Non-specialized wholesale trade | NIC 5 Digit 46909 - Other non-specialized wholesale trade n.e.c. | Activity Trading
DATE OF UDYAM REGISTRATION	03/07/2025

* In case of graduation (upward/reverse) of status of an enterprise, the benefit of the Government Schemes will be availed as per the provisions of Notification No. S.O. 2119(E) dated 26.06.2020 issued by the M/o MSME.

Disclaimer: This is computer generated statement, no signature required. Printed from https://udyamregistration.gov.in & Date of printing:- 03/07/2025

For any assistance, you may contact:

1. District Industries Centre: MUMBAI SUBURBAN (MAHARASHTRA)
2. MSME-DFO: MUMBAI (MAHARASHTRA)

Visit : www.msme.gov.in | www.dcmsme.gov.in | www

Follow us @minmsme & @ms

ABOUT US

Viktech Fittings

Established in Mumbai, Viktech Fittings is a trusted supplier of industrial pipe fittings, flanges, and accessories. We specialize in providing high-quality MS, SS, GI, and CS products for various industries including oil & gas, chemical, and construction. With a focus on quality, timely delivery, and client satisfaction,

we aim to become a one-stop solution for piping needs. Our experienced team ensures every product meets industrial standards. Backed by reliability and competitive pricing, Viktech Fittings continues to grow as a preferred choice for customers across India. We deliver trust, precision, and performance in every fitting.

VikTech FITTINGS
Strong Connections, Trusted Quality

CONTENTS

VikTech FITTINGS
Strong Connections, Trusted Quality

OUR PRODUCTS

(ALL TYPES MATERIALS ,SIZE & STANDARDS)

PIPE FITTINGS

- Flanges (Slip-On, Weld Neck, Blind, Threaded, Lap Joint),
- Elbows (45°, 90°),
- Tees (Equal, Reducing),
- Reducers (Concentric, Eccentric),
- Couplings (Full, Half, Reducing),
- Caps,
- Nipples,
- Stub Ends,
- Unions,
- Bushing
- Gaskets & Seals

VikTech FITTINGS
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FLANGES.....

- **Flanges** are vital pipe connectors, joining pipes, valves, pumps & equipment securely.
- They ensure leak-proof flow, easy maintenance & system safety.
- **Viktech** offers a complete range:

1. Slip-On — easy to align & weld
2. Weld Neck — handles high pressure & temperature
3. Blind — blocks pipe ends for inspection or repair
4. Threaded — screwed connection, no welding needed
5. Socket Weld — for small bore high-pressure pipes
6. Lap Joint — with stub ends, for easy dismantling
7. Orifice — for flow measurement
8. Long Weld Neck — used for vessels & tanks
9. Spectacle Blind — isolates sections for safety

- **Available** in Carbon Steel, Stainless Steel, Alloy Steel, Duplex, Copper Nickel, etc.
- **Sizes**: ½" NB to 72" NB,
- **Pressure ratings**: #150, #300, #600, #900, #1500. #2500,
- **Facings:** RF, FF, RTJ.
- **Standards**: ASME, ANSI, DIN, ISO, with full hydro & dimensional testing.

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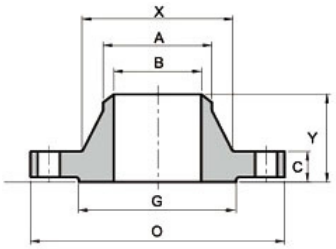
FLANGES -TECHNICAL SPECIFICATIONS

1)Weld Neck Flange (WNRF)

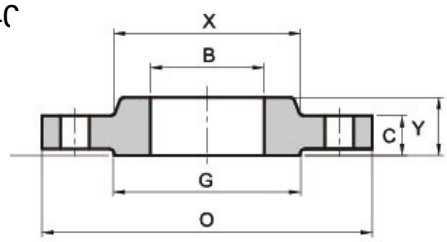
Standards: ASME B16.5, B16.47 Series A/B, ANSI B16.5, DIN EN 1092-1 Type 11, BS 4504, ISO 7005-1
Size Range: ½" to 60" (DN15–DN1500)
Pressure Class: ANSI Class 150# to 2500#, PN6–PN400
Face Type: RF, RTJ, FF
Material Options:
✓ **Carbon Steel:** ASTM A105, A350 LF2
✓ **Stainless Steel:** A182 F304, F304L, F316, F316L, F32
✓ **Alloy Steel:** F11, F22
✓ **Duplex/Super Duplex:** F51, F53
✓ **Nickel Alloys:** Inconel, Hastelloy, Monel
Description: Long tapered hub; best for high-pressure & high-temp pipelines; full penetration welds reduce stress.
Applications: Oil & Gas, Petrochemical, Offshore, Power Plant , etc.



WELDING NECK

2)Slip-On Flange (SO)

Standards: ASME B16.5, ANSI B16.5, DIN EN 1092-1 Type 01/02, BS 4504, ISO 7005-1
Size Range: ½" to 24" (DN15–DN600)
Pressure Class: Class 150#–600#, PN6–PN40
Face Type: RF, FF
Material Options:
✓ **CS:** A105
✓ **SS:** A182 F304, F316
✓ **Duplex:** F51
✓ **MS Plates:** IS 2062 for light duty
Description: Slides over pipe then fillet welded; easy to align & cost-effective for low-pressure lines.
Applications: Water supply, HVAC, firefighting, general industries ,etc.



SLIP-ON

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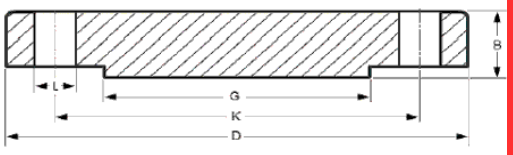
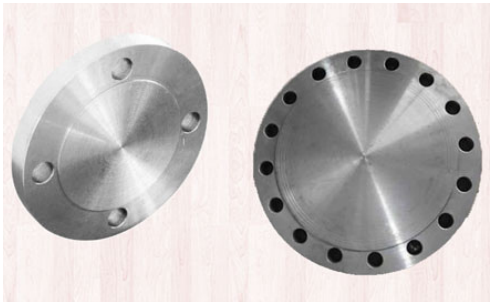
FLANGES -TECHNICAL SPECIFICATIONS

3)Blind Flange (BL)

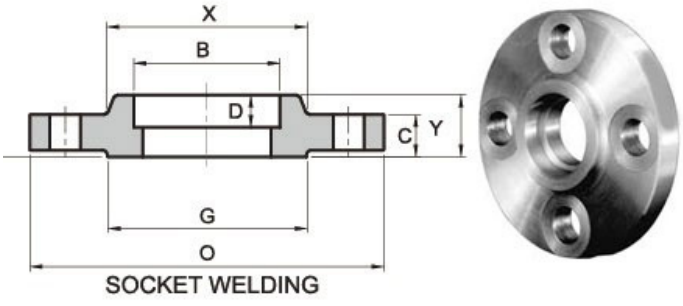
Standards: ASME B16.5, B16.47, ANSI B16.5, DIN EN 1092-1 Type 05, BS 4504, ISO 7005-1
Size Range: ½" to 60" (DN15–DN1500)
Pressure Class: 150#–2500#, PN6–PN400
Face Type: RF, RTJ, FF
Material Options:
✓ **CS:** A105, A350 LF2
✓ **SS:** A182 F304, F316, F321
✓ **Alloy Steel:** F11, F22
✓ **Duplex, Super Duplex, Copper-Nickel**
Description: Solid flange to block pipeline or vessel ends for isolation & maintenance.
Applications: Oil & Gas, Petrochemical, Chemical, Refineries, Power Plants.





4)Socket Weld Flange (SW)

Standards: ASME B16.5, ANSI B16.5, DIN EN 1092-1 Type 12, BS 4504
Size Range: ½" to 3" (DN15–DN80)
Pressure Class: 150#–600#, PN6–PN40
Face Type: RF
Material Options:
✓ **CS:** A105
✓ **SS:** A182 F304, F316
✓ **Duplex:** F51
Description: Bore is counterbored; pipe is inserted & fillet welded. Ideal for small bore, high-pressure lines.
Applications: Instrumentation, Hydraulic, Chemical plants.



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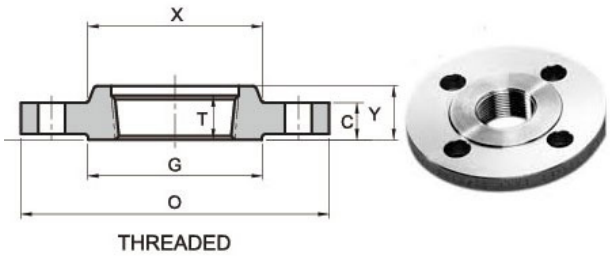
FLANGES -TECHNICAL SPECIFICATIONS

5)Threaded Flange (THD)

Standards: ASME B16.5, ANSI B16.5, DIN EN 1092-1 Type 13
Size Range: ½" to 4" (DN15–DN100)
Pressure Class: 150#–600#, PN6–PN40
Face Type: RF
Material Options:
✓ **CS:** A105
✓ **SS:** A182 F304, F316
✓ **Brass/Bronze:** For marine pipelines

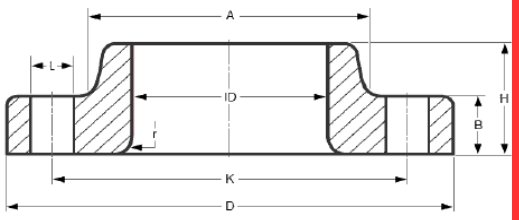


THREADED

Description: Bore is internally threaded; connects to pipe without welding — safe for flammable lines.
Applications: Small bore fuel lines, gas pipelines, explosive zones.

6)Lap Joint Flange (LJ)

Standards: ASME B16.5, ANSI B16.5, DIN EN 1092-1 Type 02/04, BS 4504
Size Range: ½" to 24" (DN15–DN600)
Pressure Class: 150#–600#, PN6–PN40
Face Type: FF
Material Options:
✓ **CS:** A105
✓ **SS:** A182 F304, F316
✓ **Duplex, Monel, Cu-Ni**



Description: Used with stub ends; allows rotation for easy bolt alignment — suitable for frequent dismantling.
Applications: Food industry, shipbuilding, water treatment.

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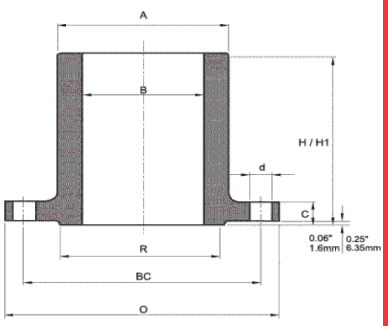
FLANGES -TECHNICAL SPECIFICATIONS

7)Orifice Flange (ORF)

Standards: ASME B16.36, ANSI B16.36, DIN EN 1092-1 with orifice tapping
Size Range: 1” to 24” (DN25–DN600)
Pressure Class: 150#–600#, PN6–PN100
Face Type: RF, RTJ
Material Options:
✓ **CS:** A105
✓ **SS:** A182 F304, F316
✓ **Duplex:** F51
Description: Equipped with tapped holes for meter taps — used for flow measurement.
Applications: Process pipelines, oil metering.

8)Long Weld Neck Flange (LWN)



Standards: ASME B16.5, B16.47, ANSI B16.5
Size Range: 2” to 24” (DN50–DN600)
Pressure Class: 150#–2500#
Face Type: RF, RTJ
Material Options:
✓ **CS:** A105
✓ **SS:** A182 F304, F316
✓ **Alloy Steel:** F11, F22
✓ **Duplex**
Description: Long hub for welding to vessels or nozzles — ensures stress distribution.
Applications: Pressure vessels, tanks, nozzles.

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FLANGES -TECHNICAL SPECIFICATIONS

9)Spectacle Blind / Spade & Spacer

Standards: ASME B16.48, ANSI B16.48, DIN EN 1092-1
Custom Plate
Size Range: 1” to 24” (DN25–DN600)
Pressure Class: 150#–600#, PN6–PN100
Face Type: RF, RTJ
Material Options:
✓ **CS:** A516 Gr.70 plate
✓ **SS:** A240 Type 304, 316
✓ **Duplex, Cu-Ni**
Description: Steel plate that isolates or allows flow when rotated — used for maintenance shutoff.
Applications: Petrochemical, offshore pipelines.

STANDARD	USES
ASME/ANSI B16.5	Pipe Flanges & Flanged Fittings (½” to 24”)
ASME B16.47	Large Diameter Flanges (26” to 60”)
ASME B16.36	Orifice Flanges
ASME B16.48	Line Blanks / Spectacle Blinds
ISO 7005-1	International flange dimensions
DIN EN 1092-1/DIN 2633	European standard for flanges
BS 4504	British Standard for circular flanges
IS 6392 / IS 1538	Indian Standards for flanges

VikTech FITTINGS
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BUTTWELD FITTINGS

Buttweld fittings are vital components for connecting pipes permanently in high-pressure and high-temperature systems.

- They ensure smooth flow, structural strength, leak-proof joints, and long-term system integrity.
- **Ideal for oil & gas, chemical, power, and water process industries.**
- **Viktechfittings offers a complete range:**

✓ **Elbow** — changes flow direction (45°, 90°, 180°, Long/Short Radius**)**
✓ **Tee** — for branching pipelines; available as Equal and Reducing
✓ **Reducer** — joins different pipe sizes; Concentric & Eccentric types
✓ **Cap** — closes pipe ends for pressure testing or system closure
✓ **Stub End** — used with Lap Joint Flange for easy dismantling
✓ **Cross** — 4-way connection for flow distribution
✓ **Bends** — long-radius directional change fittings
✓ **Y Tee / Lateral Tee** — for angled branch connections
✓ **Barred Tee / Special Fittings** — for restricted or directional flow

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BUTTWELD FITTINGS-
TECHNICAL SPECIFICATIONS

Material Options:

- **Carbon Steel –** ASTM A234 WPB / WPC
- **Mild Steel (MS) –** IS 1239 / IS 3589
- **Stainless Steel –** SS304, 304L, 316, 316L, 310, 321, 347
- **Alloy Steel –** WP1, WP5, WP9, WP11, WP22, WP91
- **Low Temperature Steel** – ASTM A420 WPL6
- **Duplex & Super Duplex –** UNS S31803 / S32205 / S32750
- **Nickel Alloys –** Inconel 600/625, Monel 400, Hastelloy C22/C276
- **Copper Nickel (Cu-Ni)** – 90/10, 70/30
- **Titanium, Aluminium, Brass – on request**

Sizes & Specifications:

- **Size Range:** ½" NB to 72" NB
- **Thickness (Schedules):** SCH 10, SCH 20, SCH 40, SCH 80, SCH 120, SCH 160, SCH XXS
- **Form:** Seamless / Welded
- **Ends:** Bevel End (BE) as per ASME B16.25
- **Finish:** Black (MS/CS), Pickled, Mirror/Matt Polish (SS), Galvanized (optional)

Standards & Codes:

- **ASME B16.9 –** Factory-made wrought buttwelding fittings
- MSS-SP-43 – Light gauge SS fittings
- **ASTM A234 / A403 / A420 / A815 / A860 –** Material standards
- **DIN / EN / ISO / BS –** European & international standards
- **IBR Approved –** For use in boiler & high-pressure piping systems (India)

Quality Assurance:

- 100% Hydro Test, Visual & Dimensional Check
- Material Test Certificate (MTC) as per EN 10204 3.1 / 3.2
- Third Party Inspection (TPI) from SGS, BV,etc. (on request)
- Export-grade packaging – Bubble wrap, wooden crates, or gunny bags

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LR ELBOW

45°ELBOW

SR ELBOW

90°ELBOW

180°ELBOW

EQUAL TEE

UNEQUAL TEE

PIPE CAP

CONCENTRIC REDUCER

ECCENTRIC REDUCER

UNEQUAL CROSS

EQUAL CROSS

LAP JOINT STUB END

SHORT STUB END

LONG STUB END

PIPE BENDS

VikTech FITTINGS
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SCREWED FORGED PIPE FITTINGS

Forged pipe fittings are made by heating steel and forming it under high pressure into the desired shape. These fittings are stronger and more durable than cast or machined fittings, making them ideal for high-pressure, high-temperature, and corrosive environments.

TYPES OF FORGED FITTINGS

1. Socket Weld Fittings (SW)

- Connected by inserting pipe into a recessed area and then welding.
- Best for small bore, high-pressure systems.

2. Threaded Fittings (THD)

- Connected by threading; no welding required.
- Best for low-pressure or non-critical piping.

MAIN FITTING TYPES (Available in Both SW & THD)

Fitting Name	Function
Elbow (90°/45°)	Change direction of flow
Tee	Branch connection
Cross	Four-way connection
Coupling	Join two pipes
Half Coupling	Join pipe to a fitting or valve
Union	Disconnect pipes easily
Cap	Close pipe end
Plug	Seal pipe end (threaded only)
Bushing&Nipple	Reduce fitting size (threaded only)

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MATERIAL GRADES

Material	Grade	Standard
Carbon Steel	ASTM A105, A350 LF2	ASME B16.11
Stainless Steel	ASTM A182 F304, F316, F321	ASME B16.11
Alloy Steel	ASTM A182 F5, F9, F11, F22	ASME B16.11
Duplex & Super Duplex	ASTM A182 F51, F53, F55	ASTM / ASME
Nickel Alloys	Inconel 600/625, Monel 400, Hastelloy	ASTM B564
Brass / Bronze	ASTM B62	ASTM

SIZE RANGE

- Threaded & Socket Weld: 1/8” to 4” (DN6 to DN100)
- Custom sizes available on demand

PRESSURE CLASS (RATING)

Class	Pressure
2000#	Low-pressure
3000#	Standard (industrial)
6000#	High-pressure
9000#	Extreme-pressure (limited sizes)

STANDARDS FOLLOWED

- **ASME B16.11** – Forged Steel Fittings
- **BS 3799** – Pipe Fittings Specifications
- **ASTM A105 / A182 / B564** – Forged Material Grades
- **MSS SP-79 / SP-83 / SP-95 / SP-97** – For special Olets

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Socket Weld 90° Elbow

Socket Weld 45° Elbow

Socket Weld Tee

Socket Weld Unequal Tee

Socket Weld Union

Socket Weld Cross

Socket Weld Unequal Cross

Socket Weld Half Coupling

Socket Weld Full Coupling

Socket Weld Pipe Cap

Threaded / Screwed 90° Elbow

Threaded / Screwed 45° Elbow

Threaded / Screwed Street Elbow

Threaded / Screwed Half Coupling

Threaded / Screwed Full Coupling

Threaded / Screwed Tee

Threaded / Screwed Unequal Tee

Threaded / Screwed Unequal Cross

Threaded / Screwed Cross

Threaded / Screwed Pipe Cap

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Threaded / Screwed Hex Nipple

Threaded / Screwed Hex Plug

Threaded / Screwed Union

Threaded / Screwed Bushing

Threaded / Screwed Swage Nipple

Threaded / Screwed Pipe Nipple

Threaded / Screwed Square Plug

APPLICATION INDUSTRIES

- Oil & Gas
- Power Plants
- Petrochemical & Chemical
- Offshore Platforms
- Refineries
- Boilers & Steam Lines
- Shipbuilding
- Fertilizer Plants

KEY FEATURES

- High mechanical strength
- Excellent corrosion resistance
- Reliable under pressure & heat
- Tight tolerances for leak-proof fit
- Tested as per IBR & NACE standards

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GASKET AND SEAL

What is a Gasket?

A gasket is a sealing component placed between two mating surfaces to prevent leakage of liquids or gases. It ensures a tight, leak-proof seal under varying pressure and temperature conditions.

- **Application:** Flanges, pipelines, compressors, heat exchangers, pumps.
- **Industries:** Oil & Gas, Petrochemical, Power, Food, Water, Marine, and Pharmaceutical.

COMMONLY USED GASKETS IN INDUSTRIES

Material Options:

Non-Metallic:

- Rubber (NBR, EPDM, Neoprene, Silicone)
- Compressed Asbestos / Non-Asbestos Fiber (CAF / CNAF)
- PTFE (Teflon)
- Graphite
- Cork

Semi-Metallic:

- Spiral Wound Gaskets (SS + filler)
- Metal Jacketed Gaskets

Metallic:

- Stainless Steel (SS304, SS316, SS321)
- Soft Iron, Copper, Monel, Inconel

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Temperature Range:

- **Rubber:** –40°C to +200°C (Silicone up to +250°C)
- **Graphite/Spiral Wound:** Up to +550°C
- **PTFE:** –200°C to +260°C
- **Metallic:** Up to +800°C (varies by alloy)

Pressure Rating:

- **Rubber Gaskets:** Up to 50 bar
- **CAF / CNAF:** Up to 100 bar
- **Spiral Wound Gaskets:** Up to 250 bar
- **Metal Gaskets (Ring Type Joint):** Up to 400+ bar

Hardness (Shore A):

- **Rubber:** 40–80 Shore A
- **Graphite:** Flexible, compressible
- **PTFE:** Medium hardness, low friction

Thickness Range (Standard):

- **Rubber & Non-Metallic:** 1.5 mm to 6 mm
- **Metallic/Spiral Wound:** 3.2 mm to 4.5 mm
- **Custom Available:** Up to 10 mm or more as per design

Chemical Resistance:

- **NBR:** Oil, fuel, water
- **EPDM:** Steam, water, alcohol
- **PTFE:** Universal chemical resistance
- **Graphite:** High-temp + corrosion resistance
- **Metallic:** Pressure and temperature strength + resistance to corrosives (based on alloy)

Applications:

- Pipe flanges (ASME/ANSI, DIN, BS)
- Heat exchangers
- Pumps and compressors
- Engines and turbines
- Chemical reactors and pipelines
- Food, pharma, oil & gas industries

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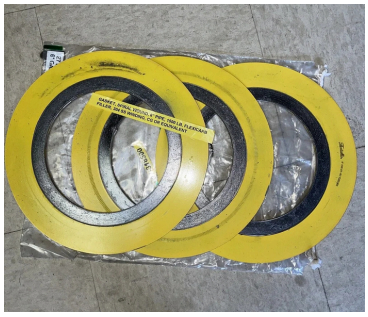

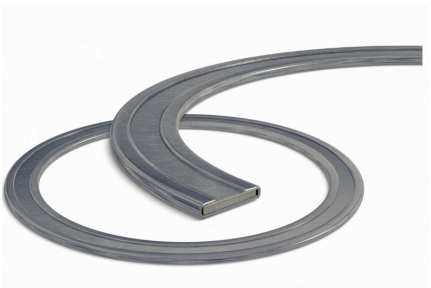

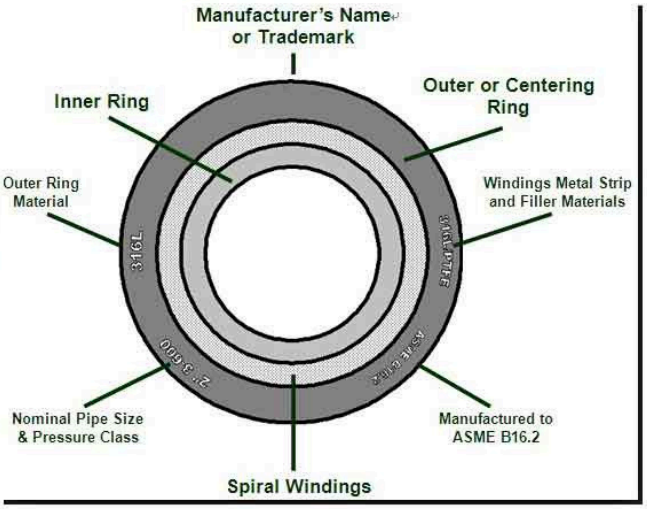

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What is a Seal?

A Seal prevents fluid leakage between two moving or stationary parts. It is commonly used in rotating shafts, hydraulic/pneumatic systems.

- **Application:** Valves, gearboxes, motors, cylinders, pumps.
- **Industries:** Automotive, Aerospace, Hydraulic, Manufacturing, Chemical.

COMMONLY USED SEAL IN INDUSTRIES

- O-Ring
- Oil Seal (Rotary Shaft Seal)
- Mechanical Seal
- Rod Seal
- Piston Seal
- U-Cup Seal
- Backup Ring
- Wiper Seal (Scraper Seal)

SEAL – TECHNICAL SPECIFICATIONS

Material Options:

- **Elastomers:** NBR (Nitrile), EPDM, Viton (FKM), Silicone
- **Plastics:** PTFE (Teflon), Nylon
- **Rubber Compounds:** Polyurethane (PU), Neoprene
- **Metals (For mechanical seals):** Stainless Steel, Carbon, Ceramic, Tungsten Carbide

Temperature Range:

- Standard Elastomers: –30°C to +120°C
- High-Performance Seals: –200°C to +350°C

Speed Limit (Rotating Equipment):

- **Rotary Seals/Oil Seals:** Up to 12,000 RPM
- **Mechanical Seals:** Up to 25 m/s surface speed

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Pressure Range:

- **Low-Pressure Seals:** Up to 10 bar
- **Hydraulic Seals:** Up to 400 bar
- **Mechanical Seals:** Up to 200 bar
- **Backup-supported O-Rings:** Up to 500 bar

Hardness:

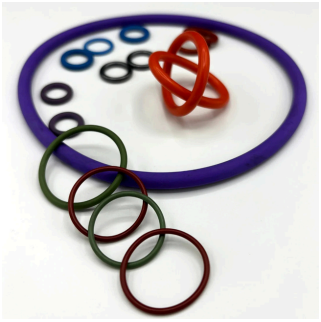
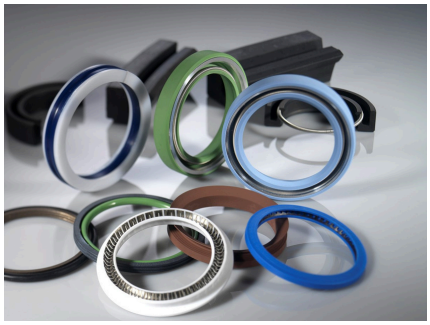
- Typically 70–95 Shore A for elastomers
- PTFE-based seals are harder and wear-resistant

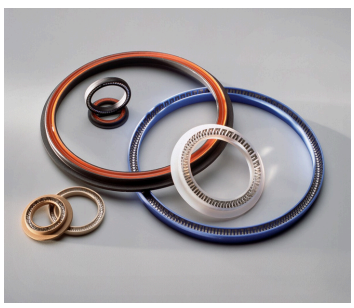
Chemical Resistance:

- **NBR:** Oil & fuel resistant
- **EPDM:** Water, steam, and chemical resistant
- **Viton:** Excellent chemical and high-temp resistance
- **PTFE:** Resistant to most chemicals and solvents

Applications:

- Hydraulic & Pneumatic Cylinders
- Pumps and Valves
- Gearboxes, Compressors, Motors
- Automotive and Marine Systems
- Food, Pharma, and Chemical Equipment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QUALITY ASSURANCE

Skill India
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OUR QUALITY PROMISE

"At Viktech, Quality is Our Identity."

Every pipe fitting from Viktech is manufactured strictly as per international standards (ASTM, ASME, ANSI, DIN, ISO).
All products undergo 100% hydrostatic & dimensional testing before dispatch. We provide Material Test Certificates (MTC) with every supply & arrange Third-Party Inspection (TPI) if needed. Our fittings are packed with plastic caps, bubble wrap & wooden boxes to avoid any transit damage. With a 12-month warranty against manufacturing defects, we promise strength, safety & total customer satisfaction.

- ✓ 100% Tested
- ✓ MTC with every supply
- ✓ TPI on request
- ✓ Export standard packing
- ✓ 12-month warranty

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PACKING TERMS

- All products are packed using high-quality HDPE bags, corrugated boxes, or wooden crates based on item specifications.
- Rust prevention, moisture control, and labeling are ensured in all shipments.
- Custom or branded packaging available on request (subject to additional charges).
- Export orders are packed as per international shipping standards.

PAYMENT TERMS

For Domestic Orders:

- 100% Advance or 50% Advance & 50% before dispatch (based on order value).
- Payment Modes: NEFT / RTGS / UPI / IMPS / Cheque / Cash
- GST invoice provided with each order.

For Export Orders:

- 50% Advance & 50% against shipping documents or Letter of Credit (LC).
- Payment via TT (Telegraphic Transfer), LC, or Wire Transfer.
- Accepted Currencies: INR, USD, EUR, AED
- Bank details will be shared on proforma invoice.

DELIVERY TERMS

Domestic Delivery:

- Dispatch within 2–7 working days, subject to stock and production.
- Delivery via transport, courier, or cargo, as per buyer preference.
- Freight charges are extra or as mutually agreed.

Export Delivery:

- Dispatch within 7–15 working days after payment confirmation.
- Incoterms: FOB, CIF, CFR, DDP, EXW (as per agreement).
- Port of loading: Nhava Sheva, Mundra, or ICD Delhi
- Reliable export logistics partners used for all international shipments.

TERMS & CONDITIONS

- Prices are subject to change without prior notice due to market fluctuations.
- All disputes are subject to Mumbai Jurisdiction only.
- Any delays due to natural calamities, transport strikes, customs clearance, etc., are beyond our control.
- Goods once sold will not be returned or exchanged unless found defective during inspection.
- Material will be dispatched only after full payment clearance unless otherwise agreed.
- Quality and quantity of goods will be checked and documented before dispatch.
- Viktech Fittings reserves the right to accept or reject any order without assigning a reason.

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