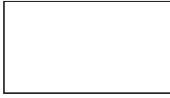


MSME
सूक्ष्म, लघु एवं मध्यम उद्यम
MICRO, SMALL & MEDIUM ENTERPRISES



Manufacturer & Stockist :
Stainless Steel Entire Range of
Pipe Line Fittings & Flanges



PS STEEL

Shop No.58,1st,Floor RaghuShree Market

Ajmeri Gate Delhi 110006

Company Profile



Many factors combine to achieve the success of a trading business i.e. the right product mix, a broad knowledge of products & their application, good business relationships, logistics & financials expertise, proximity to the customer and last but not the least the appropriate range of support service. At

all these have been combined to create a new dimension.

Formed by a group of young professional

is one of the leading Manufacturer, Exporter & Supplier of Stainless Steel Carbon Steel, Alloy Steel, Nickel Alloys, Aluminum, Copper, Cupro Nickel, Brass, Phosphorus Bronze, Lead, Zinc, Monel, Inconel, Hastelloy & other Ferrous and Non Ferrous Metals in form of:

Pipes & Tubes, Line Pipes : in Seamless and Welded in all Grades (IBR & NON IBR), OCTG & Drill Pipes, Buttwelded Pipe Fittings, Socket Welded, Screwed Fittings : Such as Elbow, Return Bend, Straight and Reducing Tee, Crosses, Lap Joint Stubend, Reducers, Unions, Caps, Bush, Plug, Nipples, Couplings, Theadolets, Weldolets Elbowlets etc.

Flanges & Forging : Such WNRF, SORF, SOFF, BLRF, SWRF, LAP JOINT, WNRTJ, SPECTACLE BLIND, SPADE etc.

Tube fittings & Ferrule fittings, Hose Assembly & Hydraulic Fittings

Plate / Sheet/ Coils / Round Bars : CromeMoly (SA387 Gr.11/22/91/5) Nickel & Nickel Alloys/ Mild Steel/ Boiler Quality / Corton / Hardox / Dillidur 400v / Sailma / Ship Building with class approval etc.

Fasteners & Gaskets : Such as nuts, Bolts, Studs, Washers etc.

We are approved suppliers to various Govt. Department & public sector all over the country & abroad regularly supplying to them for a long time. We have got ready stock of the above items in various sizes as per National / International standards and specification and the same shall be supplied as per your requirements at very reasonable rates. We can arrange any third party inspection agency like LRS, DNV, GL, ABS, IRS, IBR, TUV, BVQI, RINA, NECON, TCS, etc.

As we are very much interested to do business with you on a long term basis, we request you to please enlist our name in your approved vendor list and send us your valued purchase inquires from time to time so as to enable us to quote our most competitive rates and terms.



Quality, Health & Safety

A rigorous system of quality management is in place to ensure that each manufactured products conforms to International Standards excellence.

Quality assurance is the threshold of all the activities and Stringent quality control measures are applied in its in-house facilities for forging, machining and heat treatment processes. We take pride in offering quality products, manufactured in conformance with International standards.

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Flanges

We are engaged in manufacturing and exporting wide range of Flanges that are available in variables sizes for applications in waterworks, petrochemicals, refineries, chemical industry and construction works. Owing to its high quality, optimum performance, less maintenance, our range of flanges is appreciated by our clients and its available in various material configurations stainless steel, carbon steel, alloy steel, nickel alloys and copper alloys. Based on the sizes, dimensions, shapes and length of these flanges, we can customize the products for our respected clients and following material of Construction.

- Nickel Alloy
- Stainless Steel & Duplex Steel
- Carbon Steel
- Alloy Steel
- Copper & Brass
- Aluminium

TYPES

- PLATE BLANK FLANGE
- LAP JOINT FLANGE
- WELDNECK FLANGE
- ORIFACE FLANGE
- LONG WELD NECK FLANGES
- SLIP-ON
- DECK FLANGES
- DRAWING FLANGES
- SCREWED FLANGE
- SOCKETWELD FLANGE
- BLIND FLANGE
- RTJ FLANGE
- THREADED FLANGE
- SPECTACLE
- LARGE RINGS
- REDUCING FLANGES

Duplex & Super Duplex	: UNS S31803, UNS S32750, UNS S32760.
Hastelloy Alloy	: ASTM B564 Hastelloy B2, C276, C22.
Incoloy Alloys	: ASTM B564 Alloy 20, Alloy A286 Alloy 800H/800HT, Alloy 825.
Inconel Alloys	: ASTM B564 Alloy 600, Alloy 601, Alloy 625, Alloy 718, Alloy 725.
Monel Alloys	: ASTM B564 Monel 400, Monel K500.
Stainless Steel	: ASTM A182, F304, 304L, 304H, 316, 316L, 317, 317L, 321, 310, 347, 904L
Carbon Steel	: ASTM A105, A694, F42, A350 LF2
Alloy Steel	: ASTM A182 F1, F5, F9, F11, F22, F91
Size	: ½" NB TO 72" NB
Class	: 150#, 300#, 600#, 900#, 1500# & 2500#.

Standard

ANSI Flanges	: 150#, 300#, 600#, 900#, 1500# & 2500#.
AWWA	: Class 2B, 2D, 4E, 5E, 6E
DIN	: PN6, PN10, PN16, PN25, PN40
JIS	: 5K, 10K
BS	: Table D, E, F.

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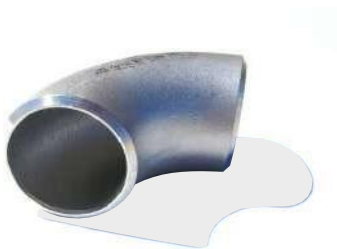


Butt Weld Fittings

We are engaged in manufacturing and exporting wide range of Butt Weld Fitting that is available in varied types & grades sourced from reliable vendors, these fittings are highly acknowledged for their high tensile strength, durability and accurate alloy composition. These find application in several industries such as oil & gas, automobile, acid & chemical, pharmaceutical and cement industries. We are known for our butt weld fittings.

TYPES OF BUTTWELD FITTINGS

- TEE (EQUAL / UNEQUAL)
- REDUCING TEE
- SHORT STUB BEND
- RETURN BENDS
- CAP
- ELBOW (1D/1.5D/3D/5D)
- LONG STUB BEND
- REDUCER
(CONCENTRIC/ECCENTRIC)
- MITER BENDS



Duplex & Super Duplex	: UNS S31803, UNS S32750, UNS S32760.
Hastelloy Alloy	: ASTM B366 Hastelloy B2, Hastelloy C276, Hastelloy C22.
Incoloy Alloys	: ASTM B366 Alloy 20, Alloy 800H/800HT, Alloy 825, Alloy 286
Inconel Alloys	: ASTM B366 Alloy 600, Alloy 601, Alloy 625, Alloy 718, Alloy 725.
Monel Alloys	: ASTM B366 Monel 400, Monel K500.
Copper Brass	: CuNi 90 : 10 & 70 : 30
Stainless Steel	: ASTM A403, WP304, 304L, 304H, 316, 316L, 317, 317L, 321, 310, 347, 904L
Carbon Steel	: ASTM A234 WPB, A420 WPL3, A420 WPL6, MSS-SP-75 WPHY 42/46/52
Alloy Steel	: ASTM A234WP1, WP5, WP9, WP11, WP22
Size	: 1/4" NB TO 24" NB (Seamless) 4" NB TO 72" NB (Welded)
Wall Thickness	: Sch. 5S To Sch. XXS

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Forged Fittings

We offer to our clients specially designed forged pipe fittings. We also undertake new projects as per the drawings and specifications of the client for forged fittings. The product is delivered in a short time frame. We offer special forged pipes fittings in different metals which find application in various industries. We can offer forged fittings in following materials of construction :-

- Nickel Alloy & Copper Nickel Alloy
- Stainless Steel & Duplex Steel
- Carbon Steel & Alloy Steel

Types : Elbow, Tee, Union, Cross, Coup Bushing, Plug, Swage Nipple, Welding Boss, Hexagon Nipple, Barrel Nipple, Welding Nipple, Parraler Nipple, Street Elbow, Hexagon Nut, Hose Nipple, Bend, Adapter, Insert, Weldolet, Elbowlet, Sockolet, Thredolet, Nipolet, Letrolet etc.

High Nickel	: Monel, Nickel, Inconel, Hastelloy
Stainless Steel	: ASTM A182, F304, 304L, 304H, 316, 316L, 317, 317L, 321, 310, 347, 904L
Carbon Steel	: ASTM A105, A694, F42, A350 LF2
Alloy Steel	: ASTM A182, F1, F5, F9, F11, F22, F91
Size	: 1/4: NB TO 4" NB
Class	: 2000#, 3000#, 6000#, 9000#



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Fasteners

We hold expertise in offering fasteners, such as nuts, bolts, washers, anchor fasteners, stud bolts, Threaded Rod to clients. These material available in grade, such as Stainless Steel, Carbon Steel, Duplex Steel, Monel, Inconel, Hastelloy, Titanium and Nickel Alloy, Wich Alloy Steel assure their high tensile strength and corrosion resistance. Our range finds applications in numerous industries and is offered in sizes ranging from M4 TO M100, length up to 5 meters as per the client's requirements.

Duplex & Super Duplex : 347, 310, 303, 304/304H, 316/316L, 317/317L, 17/4PH, 410, 431, Nitronic 50, Nitronic 60, Nitronic 80A

Carbon Steel : 4.6, 8.8, 10.9, 12.9.

Duplex & Super Duplex : UNS S31803, UNS S32750, UNS S32760, UNS S3250, 254 SMO

Hastelloy Alloy : Hastelloy C4, Hastelloy B2, Hastelloy G30, Hastelloy B3, Hastelloy C276, Hastelloy X, Hastelloy C22

Incoloy Alloys : Incoloy Alloy 20, Incoloy Alloy 800, Incoloy Alloy 800H/800HT, Incoloy Alloy 825, Incoloy Alloy 925, Incoloy Alloy A286

Monel Alloys : Monel 400, Monel R405, Monel K500.

TYPES OF FASTENERS

- ANCHOR FASTENERS
- STUB BOLTS
- HEX HEAD BOLTS
- THREADED RODS
- SOCKET CAPS SCREW
- COUNTERSUNK BOLTS
- HEX NUTS
- FLAT / SPRING / LOCK WASHERS
- EYE BOLTS
- FOUNDATION BOLTS
- WASHERS
- REFRACTORY ANCHOR



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Instrumentation

We hold special expertise in Instrumentation fittings such as single Ferrule, double ferrule in tube & Pipe fittings, Manifold Valves and accessories. Our Fittings find applications in Hydraulic Industries, Oil & Gas, Food & Beverages, Chemical Industries etc. for their excellent quality and durability.

TYPES

Port Connectors Tube to Flare 37 Degree, Tube to Female Pipe Thread, Female Elbow, Male Connector, Male Elbow, Pipe Union, Reducing Adapter, Tube Union, Union Cross, Union Elbow, Union Tee, Ball Valve, Check Valve, Double Block & Bleed Valve, Gauge Valve, Manifold Valve, Mono Flange Valve, Needle Valve, Plug Valve, Pressure Relief Valve, Vent & Bleeder Valve Gauge Snubber, Air Header, Syphon, Condensate Pot.

Stainless Steel	: A182 304, 304L, 304H, 316, 316L, 316H, 316Ti, 321, 347, 347H, 904L.
Carbon Steel	: A105
Alloy Steel	: A182 F1, F11, F12, F22, F5, F9, F91, F92.
Duplex Steel	: A181 F51, F60, UNS S31803, UNS S2205
Super Duplex Steel	: A182 F44, F53, F55, SMO 254. UNS S31254, UNS S32750, UNS32760.
High Nickel Alloys	: Nickel 200, 201, Monel K 400 & 500. Inconel 600, 601, 625, 800, 825, Hastelloy C276, Alloy 20.
Non Ferrous	: Copper Brass, Phosphor Brass.



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Pipes & Tubes

We are one of the most trusted Stockist for offering finest range of Stainless Steel, Duplex Steel, Carbon Steel & Alloy Steel Pipes. Used in different industries for diverse applications. these pipes can be available in standard as well as customized dimensions as per the requirement of the clients. These pipes are appreciated for their sturdy and precise construction. We are known for offering our product range at reasonable prices and delivering consignment given time frame.

Types

Round	Rectangle
Square	Hydraulic



Stainless Steel

ASTM / ASME SA 312 GR. TP 304, 304L, 304H, 309S, 309H, 310S, 310H, 316, 316Ti, 316H, 316LN, 317, 317L, 321, 321H, 347, 347H, 904L.

Duplex Steel

ASTM / ASME SA 790 UNS NO : 31803 / 32760.

Carbon Steel

ASTM / ASME A53 GR. A & B, ASTM A 106 GR. A, B & C, API 5L GR. B, API 5L X42, X46, X52, X60, X65 & X70. ASTM / ASME A691 GR. A, B & C.

Alloy Steel

ASTM / ASME A 335 GR P1, P5, P9, P11, P22, P23, P91.

Cupro Nickel

70 : 30 & 90 : 10

Aluminium Alloys

2014, 2024, 5052, 5083, 5086, 6061, 6063, 6082, 6351, 7075.

Nickel Alloy

ASTM / ASME SB 161/B725/B730 UNS 2200 (NICKEL 200 & 201)
ASTM / ASME SB 165/B725/B730 UNS 2200 (MONEL 400 & 500)
ASTM / ASME SB 729/B464/B468 UNS 8020 (ALLOYED / 20CB 3)
ASTM / ASME SB 423/B705/B704 UNS 8825 (INCONEL 825)
ASTM / ASME SB 167/B517/B516 UNS 6600 (INCONEL 600)
ASTM / ASME SB 444/B705/B704 UNS 6625 (INCONEL 625)
ASTM / ASME SB 622/B619/B622 UNS 10276 (HASTELLOY C276)

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Sheets / Plates / Coils

We have been offering to our clients a vast range of Sheets and Coils, that are offered in various specifications to our clients. Catering to the requirements of various industries, Our range is known for its corrosion resistance, durability & high tensile strength.

Our clients can avail from us Plates that are manufactured using high grade stainless steel. These cater to the requirements of various industries and are known for their attributes, such as high tensile strength, corrosion resistance & long life usage. Further, we also have the expertise to customize our range as per the requirements.



Stainless Steel : Plates as per ASTM A240, Gr. TP 304, 304L, 304LN, 309, 309S, 309H, 310H, 316, 316L, 316H, 316LN, 316Ti, 317, 317L, 321, 321H, 347, 347H, 409, 410, 420, 430 etc.

Nickel Alloy : ASTM / ASME SB 162 UNS 2200 (NICKEL 200), ASTM / ASME SB 162 UNS 2201 (NICKEL 201), ASTM / ASME SB 127 UNS 4400 (MONEL 400), ASTM / ASME SB 463 UNS 8020 (ALLOY 20 / 20 CB 3), ASTM / ASME SB 424 UNS 8825 (INCONEL 825), ASTM / ASME SB 168 UNS 6600 (INCONEL 600), ASTM / ASME SB 409 UNS 8810/8811 (INCONEL 800/800HT), ASTM / ASME SB 443 UNS 6625 (INCONEL 625), ASTM / ASME SB 575 UNS 10276 (HASTELLOY C276)

Carbon Steel / Boiler-Quality Plates : As per IS 2062 / ASTM A36, Gr A, B & C, IS 2002 Gr. 1 & 2 ASTM A516 Gr. 60 & 70

Alloy Steel Plates : As per ASTM A387 Gr. 2, 9, 11, 12 & 22 in class 1 & 2 ASTM A204 Gr A & B, DIN 17175 Gr. 15Mo3 & 16Mo3 WITH IBR Test Certificate.

Aluminium Alloys : 2014, 2024, 5052, 5083, 5086, 6061, 6063, 6082, 6351, 7075

Range : 0.5 mm To 200 mm thick in 1000 mm to 3000 mm width & 2500 mm to 12500 mm Length available with NACE MR 01-75

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Chemical Composition of Stainless Steel

201	0.15		0.060	0.030	1.00			-
202	0.15		0.060	0.030	1.00			-
301	0.15		0.045	0.040	1.00			-
302	0.15	2.00	0.045	0.030	1.0			-
303	0.15	2.00	0.20		1.00			0.60
304	0.08	2.00	0.045		1.00			-
304L	0.030	2.00	0.045	0.030	1.00			-
308	0.08	2.00	0.040	0.030	1.00			-
309	0.20	2.00	0.045	0.030	1.00			-
309S	0.08	2.00	0.045	0.030	1.00			-
310	0.25	2.00	0.045	0.030	1.50			-
310S	0.08	2.00	0.045	0.030	1.50			-
314	0.25	2.00	0.045	0.030	1.50 to 3.00			-
316	0.08	2.00	0.045	0.030	1.00			-
316L	0.030	2.00	0.045	0.030	1.00			-
317	0.08	2.00	0.045	0.030	1.00			-
317L	0.030	2.00	0.045	0.030	1.00			-
316Ti	0.080	2.00	0.045	0.030	1.00			-
321	0.08	2.00	0.045	0.030	1.00			-
347	0.08	2.00	0.045	0.030	1.00			-
430	0.12	1.00	0.040	0.030	1.00			-
446	0.20	1.50	0.040	0.030	1.00		0.75	-
403	0.15	1.00	0.040	0.030	0.50		-	-
410	0.15	1.00	0.040	0.030	1.00		-	-
410S	0.08	1.00	0.040	0.030	1.00		0.60Max	-
420		1.00	0.040	0.030	1.00		-	-
431		1.00	0.040	0.030	1.00		1.25-2.50	-
440A		1.00	0.040	0.030	1.00		-	0.75 Max
440B		1.00	0.040	0.030	1.00		-	0.75 Max
440C		1.00	0.040	0.030	1.00		-	0.75 Max
446		1.50	0.040	0.030	1.00		0.75	-

Stainless Steel Pipe Dimension Chart

Nominal Pipe Size		Outside Diameter	Schedule 5S		Schedule 10S		Schedule 20S		Schedule 40S		Schedule 80S		Schedule 160S		Schedule XXS	
MM	INCH		W.T.	KG/M	W.T.	KG/M	W.T.	KG/M	W.T.	KG/M	W.T.	KG/M	W.T.	KG/M	W.T.	KG/M
3	1/8	10.3	1.2	0.26	1.24	0.28	1.5	0.33	1.73	0.37	2.41	0.47	-	-	-	-
6	1/4	13.7	1.2	0.37	1.65	0.49	2.00	0.58	2.24	0.630	3.02	0.80	-	-	-	-
10	3/8	17.1	1.2	0.47	1.65	0.63	2.00	0.74	2.31	0.840	3.20	1.10	-	-	-	-
15	½	21.3	1.65	0.80	2.11	1.00	2.30	1.07	2.77	1.27	3.73	1.62	4.78	1.94	7.47	2.55
20	¾	26.7	1.65	1.02	2.11	1.28	2.55	1.52	2.87	1.69	3.91	2.20	5.56	2.90	7.82	3.64
25	1	33.4	1.65	1.30	2.77	2.09	2.55	1.94	3.38	2.50	4.55	3.24	6.35	4.24	9.09	5.45
32	1 ¼	42.2	1.65	1.65	2.77	2.70	3.00	2.90	3.56	3.39	4.85	4.47	6.35	5.61	9.70	7.77
40	1 ½	48.3	1.65	1.90	2.77	3.11	3.00	3.35	3.68	4.05	5.08	5.41	7.14	7.25	10.15	9.55
50	2	60.3	1.65	2.39	2.77	3.93	3.00	4.24	3.91	5.44	5.54	7.48	8.74	11.11	11.07	13.44
65	2 ½	73.0	2.11	3.69	3.05	5.26	4.00	6.81	5.16	8.63	7.01	11.41	9.53	14.91	14.02	20.39
80	3	88.9	2.11	4.51	3.05	6.45	4.00	8.37	5.49	11.29	7.62	15.27	11.1	21.30	15.24	27.68
100	4	114.3	2.11	5.84	3.05	8.36	4.50	12.18	6.02	16.07	8.56	22.32	13.49	33.54	17.12	41.03
125	5	141.3	2.77	9.47	3.40	11.57	5.00	16.80	6.55	21.8	9.53	30.97	15.88	49.11	19.05	57.43
150	6	168.3	2.77	11.32	3.40	13.82	6.35	25.36	7.11	28.26	10.97	42.56	18.25	67.53	21.95	79.22
200	8	219.1	2.77	14.78	3.76	19.96	6.35	33.31	8.18	42.55	12.7	64.64	23.01	111.27	22.23	107.92
250	10	273.1	3.40	22.61	4.19	27.78	6.35	41.77	9.27	60.31	12.7	81.55	28.58	172.33	25.40	155.15
300	12	323.8	3.96	31.24	4.57	36.00	6.35	49.7	9.53	73.85	12.7	97.43	33.32	238.68	25.40	186.90
350	14	355.6	3.96	34.34	4.78	41.30	7.92	67.90	11.13	94.54	ASTM A 312 TP 304/304L ○					
400	16	406.4	4.19	41.56	4.78	47.34	7.92	77.82	12.7	123.30	ASTM A 312 TP 316/316L ○					
450	18	457.2	4.19	46.81	4.78	53.32	7.92	87.74	14.27	155.86	ASTM A 358 TP 317L ○					
500	20	508.0	4.78	59.31	5.54	68.64	9.53	117.14	15.09	183.42						
600	24	610.0	5.54	82.57	6.35	94.52	9.53	141.11	17.48	255.41						

Application Industries

CHEMICAL INDUSTRIES

PAPER & PULP MILLS

SUGAR INDUSTRIES

ATOMIC ENERGY

WATER PIPING SYSTEM

BEVERAGE INDUSTRIES

FOOD INDUSTRIES

ENGINEERING / SHIPYARD



PHARMACY INDUSTRIES

OIL & GAS INDUSTRIES

TEXTILE INDUSTRIES

NUCLEAR ENERGY / THERMAL

CEMENT INDUSTRIES

REFINERY / PETROCHEMICAL

PS STEEL

Mfg. & Stockist : Stainless Steel Entire Range of Pipe Line Fittings & Flanges

Stockist & Supplier : Industrial Raw Material Ferrous & Non Ferrous | **Grade :** 304, 304L, 316, 316L, 310, 321, 410, 430 etc.

Stainless Steel, Carbon Steel, Alloy Steel Flanges & Pipe, Line Fittings, Sheet, Plate, Coil, Pipes, etc.

Shop No.58, 1st Floor RaghuShree Market Ajmeri Gate Delhi 110006

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