STANLEY ALLOYS

Importers, Stockists & Suppliers of: Stainless Steel, High Nickel Alloys, Duplex / Super Duplex & Carbon Steel

Corporate Off.: Office No. 12, 2nd Floor, 102 Narayan Bldg., Ardeshir Dady Street, V.P. Road, Mumbai - 400 004.
Reg. Office: 101, JAYANT VILLA, SHOP NO. 10/A, 7TH KHETWADI, MUMBAI - 400 004.
MOB.: +91- 9640757677 / +91- 9820737002 | E : stanleyalloys@gmail.com
GSTIN : 27HISPS3728G1ZI

Products Portfolio

Owing to our amicable relations with trusted vendors of the industry, we are able to source our raw materials in stainless steel, carbon steel, alloy steel & high temperature alloy with optimum quality. These raw materials are economically pricedto suit the requirements of all big and small industries.

The entire range of finish products offered by us encompasses the following:

Category	Products
Steel Flanges	Stainless Steel Flanges, Carbon Steel Flanges, Alloy Steel Flanges, High Nickel Alloy Flanges & Duplex Steel Flanges.
Forged Pipe Fittings	Stainless Steel Forged Fittings, Carbon Steel Forged Fittings, Alloy Steel Forged Fittings & High Nickel Alloy Forged Fittings.
Butt Weld Pipe Fittings	Stainless Steel Buttweld Pipe Fittings, Carbon Steel Butt Weld Pipe Fittings**,** Alloy Steel Butt Weld Pipe Fittings & High Nickel Alloy Butt Weld Pipe Fittings.
Steel Fasteners	Stainless Steel, Nickel Alloy and Alloy Steel Fasteners
Steel Olets	Stainless Steel Olets, Nickel Alloy Olets, Carbon Steel & Alloy Steel Olets and Duplex Steel & Copper Alloy Olets
Steel Pipes	Stainless Steel Pipes, Nickel Alloy Pipes, Carbon Steel & Alloy Steel Pipes, Copper Alloy & Duplex Steel Pipes,
Steel Tubes	Stainless Steel Tubes, Nickel Alloy Tubes, Alloy Steel Tubes, Copper Alloy & Duplex Steel Tubes,
Steel Plates and Sheets	Stainless Steel Plates And Sheets, Nickel Alloy Plates And Sheets, Carbon Steel & Alloy Steel Plates And Sheets, Duplex Steel Plates And Sheets,

Stanley Alloys " is one of India's leading manufacturers of high quality carbon steel, alloy steel and stainless steel forgings which find application across diverse sectors. Stanley Alloys Forge is preferred by companies across the globe for both its products and customer service. The company has developed systematic and scientific processes resulting in manufacturing excellence. The company is a trusted name known for forgings manufactured using the best raw materials, infrastructure marked by the most advanced machinery and testing processes which are as per international standards. At the same time, Stanley Alloys Forge shares close relationships with some of the biggest names across the world due to its strong service orientation which translates into on-time deliveries, handling emergency orders, flexible customization capabilities and much more. Also, Stanley Alloys has deployed the latest production techniques such as a state of the art Radial-Axial Ring Rolling Machine. An integrated companywide system is used to bring accurate control on materials, production and inspections while advanced communication systems ensure fast information exchange between the organisation and its customers.

Our motto of Business is to submit most competitive rates, with the delivery schedule of our valued customers and supply the exact specified quality materials.

We now kindly request your good selves to please register our name in your list of approved suppliers and favor us with your valued Inquiries, which will receive our prompt attention.

Stainless Steel Pipes

Our specialization lies in stocking and supplying a wide gamut of pipes that are constructed to accuracy at our vendors end. These fittings are dimensionally precise and possess the feature of high functionality at the applicationarea. These pipes are available with us in stainless steel, nickel alloy, carbon steel, alloy steel, copper alloy and duplex steel material of construction.

We manufacture and trade a wide range of stainless steel pipes and tubes in various industries such as chemical, petrochemical, pharmaceutica from graded stainless steel, these pipes are known for their resistance and durability. Further, these can availed in varied sizes a diverse needs of clients.

Specifications:

Range:15NB-1200NB

Sch: 5s, 10s, 40s, 80s, 10, 20, 40, STD, 60, 80, XS, 100, 120, 140, 160, XXS & NS available with NACE MR 01-75

Form:

- Seamless (SMLS)
- Electric Fusion Welded (EFW)
- Electric Resistance Welded (ERW)
- Submerged Arc Welded (SAW)

Standard:
ASTM / ASME A/SA 312 / 376 / 358 CL 1, CL 2 & CL 3.

Grade:
304, 304L, 304H, 309S, 309H, 310S, 310H, 316, 316TI, 316H, 316L, 316LN, 317, 317L, 321, 321H, 347, 347H, 904L.
Grade: A335 Gr.P5, P9, P11, P22, P91, A106 Gr.B, A333 Gr.6

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NB Pipe Weight Chart

Pipe Dimensions (in mm & kg / mtr.)

Nominal Pipe	Nominal	Outside Diameter	Wall Thickness & Weight											
Size			Sch.5S		Sch.10S		Sch.20S		Sch.40S		Sch.80S		Sch.160S	
NB	Inch	mm	WT (mm)	Weight Kg/mtr.	WT (mm)	Weight Kg/mtr.	WT (mm)	Weight Kg/mtr.	WT (mm)	Weight Kg/mtr.	WT (mm)	Weight Kg/mtr.	WT (mm)	Weight Kg/mtr.
6	1/8	10.3	1.00	0.23	1.24	0.28	1.50	0.33	1.73	0.37	2.41	0.47	-	-
8	1/4	13.7	1.20	0.37	1.65	0.49	2.00	0.58	2.24	0.64	3.02	0.82	-	-
10	3/8	17.2	1.20	0.47	1.65	0.63	2.00	0.74	2.31	0.81	3.20	1.12	-	-
15	1/2	21.3	1.65	0.81	2.11	1.02	2.3	1.07	2.77	1.29	3.73	1.62	4.75	1.97
20	3/4	26.7	1.65	1.05	2.11	1.30	2.50	1.52	2.87	1.71	3.91	2.93	5.56	2.93
25	1	33.4	1.65	1.03	2.77	2.13	2.50	2.00	3.58	2.54	4.55	3.29	6.35	4.30
32	1.¼	42.2	1.65	1.65	2.77	2.73	3.00	2.90	3.56	3.44	4.85	4.56	6.56	5.69
40	1.½	48.3	1.65	1.95	2.77	3.11	3.00	3.35	3.68	4.11	5.08	5.49	7.14	7.35
50	2	60.3	1.65	2.4	2.77	3.99	3.50	4.25	3.91	5.52	5.54	7.60	8.74	11.26
65	2.½	73.0	2.11	3.7	3.05	5.26	4.00	6.81	5.16	8.77	7.01	11.59	9.53	14.91
80	3	88.9	2.11	4.51	3.05	6.45	4.00	8.37	5.49	11.47	7.62	15.51	11.13	21.30
100	4	114.3	2.11	5.85	3.05	8.36	4.50	12.18	6.02	16.07	8.56	22.66	13.49	33.54
125	5	141.30	2.77	9.5	3.40	11.6	5.00	16.80	6.55	21.08	9.53	31.00	15.88	49.11
150	6	168.3	2.77	11.35	3.40	13.82	6.35	25.36	7.11	28.26	10.93	42.56	18.24	67.53
200	8	219.1	2.77	14.8	3.76	20.00	6.35	33.31	8.18	42.55	12.70	64.64	23.01	111.27
250	10	273.1	3.40	22.61	4.19	27.8	6.35	41.77	9.27	60.31	12.70	81.55	28.58	172.33
300	12	323.80	3.96	31.25	4.57	36.00	6.35	49.70	9.53	73.85	12.70	97.43	33.32	238.68
350	14	355.6	3.96	34.35	4.78	41.3	7.92	67.90	11.13	98.54	-	-	-	-
400	16	406.4	4.19	41.6	4.78	47.34	7.92	77.82	12.07	123.3	-			
450	18	457.2	4.19	46.85	4.78	53.32	7.92	87.74	14.27	155.86	-			
500	20	508.0	4.78	59.31	5.54	68.64	9.53	117.14	15.09	183.42	-			
600	24	610	5.54	82.57	4.78	6.35	9.53	141.11	17.48	255.41	-			

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Steel Plates and Sheets

We possess immense expertise in the dealing of a wide gamut of steel plates and sheets that are constructed to precision at our vendors end. Highly acclaimed by our global clients for their qualitative features of durability and strength, these plates find diverse application in several industry verticals.

We hold expertise in manufacturing a range of stainless steel sheets that find extensive application in chemical, petrochemical, sugar, fertilizer and other industries. Designedin compliance with set industrial standards, these sheets are known for their corrosion resistance, high strength and betterdurability. Our range can be availed in different forms, sizes and other specifications.

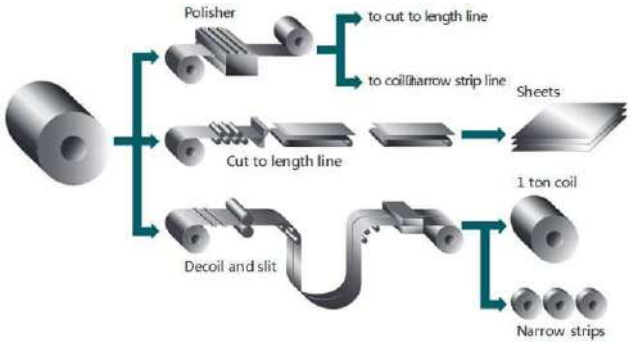
Specifications:

Range:

1 mm To 200 mm thick in 5 mm TO 2500 mm width & 2500 mm to 12500 mm Length availablewith NACE MR 01-75

Form:

- Plate / Coils / Strip CoilsStandard:
  ASTM / ASME A/SA 240 Grade: 304, 304L, 304H, 309S, 309H, 310S, 310H, 316, 316H, 316L,316 TI, 317, 317L, 321, 321H, 347, 347 H, 409, 410, 410S, 430



Steel Fasteners

We are renowned in the industry for importing and exporting a comprehensive gamut of steel fasteners that are useful in smoothing processes in fabrication or processing industries. These fasteners are offered to our clients at most competitive prices to suit the budgetary constraints ofour clients.

Stainless Steel Fasteners

We have in store for our clients, a sturdy range offasteners whose MOC is stainless steel, Nickel Alloy& Alloy Steel Fasteners. Known for their precise dimensions and high functionality, these stainless steel fasteners can be availed by our
clients in the below mentioned specifications:

Range: M10 TO M100 , 3/8,h UNC TILL 4,h UN8
LENGTH UPTO 5 METERS.

Forms:

- Stud Bolts
- Hex Bolts
- Square Bolts
- Hex Nuts
- T-Head Bolts
- Friction Grip Bolts
- Structural Bolts
- U-Bolts
- J-Bolts
- Tie Bolts
- Eye Bolts
- Foundation Bolts

As per drawing and customer's specifications.Standard: ASTM / ASME A/SA 193 / 194 GR.

Grade: B 6, B 7/ B 7M, B 16, 2, 2HM, 2H, GR 6, B 7, B 7M.
Grade: B 8 (304), B 8C (SS 347), B 8M (SS 316), B 8 T (SS 321), A 2, A 4,
Standard: ASTM / ASME SB 160 / 164 / 425 / 166 / 446 / 574 / 472
Grade: UNS 2200 (NICKEL 200) / UNS 2201 (NICKEL 201), UNS 4400 (MONEL 400), UNS 8825 (INCONEL 825), UNS 6600 (INCONEL 600) / UNS 6601 (INCONEL 601), UNS 6625 (INCONEL 625), UNS 10276 (HASTELLOY C 276), UNS 8020 (ALLOY 20 / 20 CB 3).

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Stainless Steel Rods / Bars & Flats

We are renowned in the industry for importing and exporting a comprehensive gamut of steel Bars and flats that are useful in smoothing processes in fabrication or processing industries. These Bars and flats are offered to our clients at most competitive prices to suit the budgetary constraints of our clients.

Our firm specializes in trading and supplying a quality array of **SS Round and Square Bar**. All these Bars aremanufactured and tested as per globally approved quality standards under strict supervision of highly qualified experts. The offered Bars fulfill the most critical demand of reputed industrial users worldwide.
In addition to this, these Bars are user-friendly, sturdy and require less maintenance and are also available inboth standard and customized forms. We offer these Bars at affordable prices.

Range:
Round Bright Bars - 3mm - 400mm
Round Black Bars - 16mm - 400mm
Square Bars - 5mm - 200mm
Hex Bars - 5mm - 80mm
Forged Bars - 80mm - 450mm
Flat Bars - Width - 15mm to 300mm , height - 5mm - 80mm
Filler Rod / Wires - 0.4mm - 8mm

As per drawing and customers specifications. Standard: ASTM / ASME / DIN / EN / JIS / BS / AISIStainless Steel Grade: 201 / 202 / 301 / 304 / 304L / 316 / 316L /347 / 409 / 410 / 416 / 422 / 431

Carbon Steel Grade:517 GR.60/70 / IS 2062 / IS 2002 / EN-8D / EN-9 / SAE 1006-1045 / Ck 45-60Standard: ASTM A105 , ASME SA105 , ASTM A350 LF2 , ASME A350 LF2

Grade: NICKEL 200/ NICKEL 201 / MONEL 400 / INCONEL 825 - 600 -301 - 625 / NITRONIC 50-60 / HASTELLOY C22 - C276 / SMO -254 / TITANIUM Gr.1 - Gr.23 / DUPLEX - SUPER DUPLEX / 17-4PH /15-5 PH / 13-8 MO /SA - 286.

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FLANGES

A pipe flange connects piping and components in a piping system by use of bolted connections and gaskets. Most commonly used flanges are weld neck flange, slip on flange, blind flange, socket weld flange, threaded flange and lap joint flange (RTJ Flange). This type of connection ina pipe flange allows for ease of disassembly and separationfor repair and regular maintenance. Most common specification for carbon steel and stainless steel flange is ANSI B16.5 / ASME B16.5.

Metal flanges are commonly used for industrial, commercial, and institutional application. Steel pipe flanges are available in a variety of styles and pressure classes. Metal flanges are classified from 150 to 2500 # rating. In addition to specifying pressure class, certain flanges such as weld neck flange & socket weld flange also require specifying the pipe schedule. This ensures the pipe bore will match the bore of the weldneck or socket weld flange.

Trupply offers a wide variety of pipe flanges in carbon steel, stainless steel and nickel alloy. Wecan also provide special flanges such as long weld neck flange, special material request and high-yield pipe flanges.

Welding Neck / Slip On / Socket Weld / Lap Joint / Threaded and Blind flange.

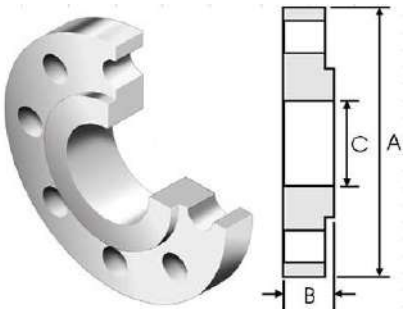
ASME B16.5 - 150# TO 3000#

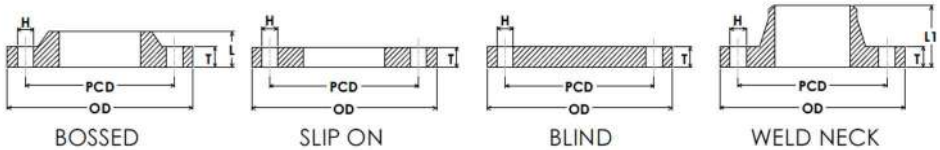
BS -10 PIPE FLANGES - Table - D , Table - E, Table - F, Table - H

Grades: S.S 200 SERIES , 300 SERIES , 400 SERIES – C.S/M.S FLANGES

Grade: NICKEL 200/ NICKEL 201 / MONEL 400 / INCONEL 825 - 600 -301 - 625 / SMO -254 /HASTELLOY C22 - C276 / TITANIUM Gr.1 - Gr.23 / DUPLEX - SUPER DUPLEX .

Types of Flanges





BUTTWELD / FERRULE FITTINGS

With all the benefits that come with stainless steel there areequally just as many applications where these fittings can be utilized. Here are some key beneficial areas:

- Residential & Commercial water systems that are subject tovarious stresses.
- Commercial & Industrial piping systems that are needing to perform well under the toughest and harshest conditions.
- Industrial Projects for sanitary or highly corrosiveapplications.

Types of Fittings

Dairy Fittings Forge

Fittings Ferrule

Fittings

Socket Weld Fittings

Buttweld Fittings

IC Fittings

Dairy Valves / Ball Valves.

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COPPER ALLOYS

Copper alloys are metal alloys that have copper as their principal component. They have high resistance against corrosion. Thebest known traditional types are bronze, where tin is a significant addition, and brass/Gun Metal, using zinc instead.

Available in Rod , Pipes & Tubes , Flats ,Wires Hollow Rods , Sheet & Plates , Casting & Fitting Items.

There are more than 400 copper alloys, each with a unique combination of properties, to suit manyapplications, manufacturing processes and environments.

Pure copper has the best electrical and thermal conductivity of any commercial metal. Today, overhalf of the copper produced is used in electrical and electronic applications and this leads to a convenient classification of the types of copper into electrical (high conductivity) and non-electrical (engineering).

Copper forms alloys more freely than most metals and with a wide range of alloying elements toproduce the following alloys:

Brass is the generic term for a range of copper-zinc alloys with differing combinations of properties, including strength, machinability, ductility, wear-resistance, hardness, colour, hygienic, electrical and thermal conductivity, and corrosion-resistance.

Bronze alloys are made from copper and tin, and were the first to be developed, about four thousand years ago. They were so important that they led to a period in time being named theBronze Age.

Gunmetals are alloys of copper with tin, zinc and lead and have been used for at least 2000 yearsdue to their ease of casting and good strength and corrosion resistance.

Copper-nickel alloys have excellent resistance to marine corrosion, high thermal conductivity andlow susceptibility to attachment of marine macro-organisms. The addition of nickel to copper improves strength and corrosion resistance, but good ductility is retained.

Nickel silver alloys are made from copper, nickel and zinc, and can be regarded as special brasses.They have an attractive silvery appearance rather than the typical brassy colour.

Beryllium-copper is the hardest and strongest of any copper alloy, in the fully heat treated and cold worked condition. It is similar in mechanical properties to many high strength alloy steels but,compared to steels, it has better corrosion resistance.

ALUMINIUM ALLOYS

Aluminium alloys are alloys in which aluminium (Al) is the predominant metal. There are two principal classifications, namely casting alloys and wrought alloys, both of which are further subdivided into the categories heat-treatable and non-heat-treatable. About 85% of aluminium is used for wrought products, for example rolledplate, foils and extrusions. Cast aluminium alloys yield
cost-effective products due to the low melting point, although they generally have lower tensile strengths thanwrought alloys.
Alloys composed mostly of aluminium have been veryimportant in aerospace manufacturing since the introduction of metal-skinned aircraft.

Grades in Aluminum Alloys

- 1000 series
- 2000 series
- 3000 series
- 4000 series
- 5000 series
- 6000 series
- 7000 series
- 8000 series

Available in Round Bars , Sheet / plates , Pipe / tubings , Flat / Angles , Slim Coils , Wires.

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CONTACT US :-

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QUALITY CONTROL :-

TENSILE
HARDNESS
TESTINGHYDRO
TESTING
CHEMICAL TESTING OF RAW
MATERIALRADIOGRAPHY
DIMENSION INSPECTION
VISUAL INSPECTION OF RAW MATERIAL AND FINISHED GOODS

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Awaiting to receive your response at your earliest convenienceThanking you and soliciting your favorable action.