

Flanges

Slip on Flanges



The entire range of slip on flanges are manufactured at our highly sophisticated manufacturing unit and tested on various parameters to ensure optimum quality on various parameters. These are available in several forms such as 15 NB up to 600 NB in 150 LBS, 300 LBS, 400 LBS, 600 LBS, 900 LBS, 1500 LBS, 2500 LBS / Table 2.5 and others to suit the diverse requirements of the clients.

Range

15 NB up to 600 NB in 150 LBS , 300 LBS, 400 LBS , 600 LBS , 900 LBS, 1500 LBS , 2500 LBS / Table 2.5, Table 6, Table 10, Table 16, Table 25, Table 40, Table 64, Table 160, Table 320, Table 400

Form

slip on, socket weld, blind, lapped screwed, weld neck, reducing, spectacle, slip on boss, plate, plate blank and screwed boss.

Orifice Flanges



Orifice flanges are used instead of the standard pipe flanges when orifice plate or flow nozzle is used. In other words, orifice flanges are used with orifice meters.

Orifice Flanges available as per the following specifications :

Grades :

ASTM / ASME sa 790 uns no s 31803, s 32205, s 32550, s 32750, s 32760

Blind Flanges



A popular category of pipe flange is the blind flange. A blind flange is used to close ends of piping systems. It is a kind of round plate with no center hole but with all the proper bolt holes. This blind flange is available in various sizes and materials and is used to provide positive closure on the ends of pipes, valves or equipment nozzles. This flange helps in easy access to a line once it has been sealed. The blind flange is sometimes custom made or machined to accept a nominal sized pipe to which reduction is being made. This reduction can be a threaded reduction or welded reduction.

Materials used:

Some materials used in the manufacturing of blind flanges are as follows:

- ◆ Stainless Steel
- ◆ Nickel Alloy
- ◆ Titanium
- ◆ Carbon Steel
- ◆ Cast Iron
- ◆ Brass
- ◆ Bronze
- ◆ Steel
- ◆ Aluminum
- ◆ Polypropylene
- ◆ Silicone
- ◆ PVC etc.

Features of blind flanges:

Some important features of blind flanges are as follows:

- ◆ Blind flanges are sometimes supplied with NPT fittings which allow pressure test connections to be fitted.
- ◆ They are used to blank off the ends of pipe.
- ◆ They are also used to blank off the ends of valves and pressure vessel opening.
- ◆ Considering factors like internal pressure and bolt loading, blind flanges, especially in the larger sizes, are the most highly stressed of all types of flanges.
- ◆ Since the maximum stresses in a blind flange are bending stresses at the center, they can safely be allowed to be higher than in other types of flanges.
- ◆ Blind flanges are made to fit standard pipes in all sizes.

Threaded Flanges



We are a prominent firm engaged in manufacturing, trading and exporting a wide range of Threaded Flanges. We manufactured using top quality materials that are procured from reliable vendors in the market. These are developed under the strict supervision of our experts, who possess several years of experience in this domain. We provide these flanges to our clients at competitive prices.

◆ Plain Threaded Flanges

◆ Female Threaded Flanges

◆ Male Threaded Flanges

ANSI B 16.5 Class 150

ANSI B 16.5 Class 300

ANSI B 16.5 Class 600

ANSI B 16.5 Class 900

ANSI B 16.5 Class 1500

ANSI B 16.5 Class 2500

Stainless Steel

◆ ASTM A 182, A 240

Grade

◆ F 304, 304L, 304H, 316, 316L, 316Ti, 310, 310S, 321, 321H, 317, 347, 347H, 904L, Duplex stainless steel UNS S31803, 2205, Super Duplex stainless steel UNS S32750

Carbon Steel

ASTM A 105, ASTM A 181

Alloy Steel

ASTM A 182, GR F1, F11, F22, F5, F9, F91

Nickel Alloys

Monel 400 & 500, Inconel 600 & 625, Incolloy 800, 825, Hastelloy C22, C276

Copper Alloys

Copper, Brass & Gunmetal

◆ **Size** : 1/8" NB TO 48"NB.

◆ **Class** : 150#, 300#, 400 #, 600#, 900#, 1500# & 2500 #.

Lap Joint Flanges



We are a prominent firm engaged in manufacturing, trading and exporting a wide range of Threaded Flanges. We manufactured using top quality materials that are procured from reliable vendors in the market. These are developed under the strict supervision of our experts, who possess several years of experience in this domain. We provide these flanges to our clients at competitive prices.

◆ Plain Threaded Flanges

◆ Female Threaded Flanges

◆ Male Threaded Flanges

ANSI B 16.5 Class 150

ANSI B 16.5 Class 300

ANSI B 16.5 Class 600

ANSI B 16.5 Class 900

ANSI B 16.5 Class 1500

ANSI B 16.5 Class 2500

Stainless Steel

◆ ASTM A 182, A 240

Grade

◆ F 304, 304L, 304H, 316, 316L, 316Ti, 310, 310S, 321, 321H, 317, 347, 347H, 904L, Duplex stainless steel UNS S31803, 2205, Super Duplex stainless steel UNS S32750

Carbon Steel

ASTM A 105, ASTM A 181

Alloy Steel

ASTM A 182, GR F1, F11, F22, F5, F9, F91

Nickel Alloys

Monel 400 & 500, Inconel 600 & 625, Incolloy 800, 825, Hastelloy C22, C276

Copper Alloys

Copper, Brass & Gunmetal

◆ **Size** : 1/8" NB TO 48"NB.

◆ **Class** : 150#, 300#, 400 #, 600#, 900#, 1500# & 2500 #.

Socket Weld Flanges

Orifice flanges are used instead of the standard pipe flanges when orifice plate or flow nozzle is used. In other words, orifice flanges are used with orifice meters.

Orifice Flanges available as per the following specifications :

Grades :

ASTM / ASME sa 790 uns no s 31803, s 32205, s 32550, s 32750, s 32760



Standard

ANSI

ANSI B16.5, ANSI B16.47, MSS SP44, ANSI B16.36, ANSI B16.48

DIN

DIN2527, DIN2566, DIN2573, DIN2576, DIN2641, DIN2642, DIN2655, DIN2656, DIN2627, DIN2628, DIN2629, DIN 2631, DIN2632, DIN2633, DIN2634, DIN2635, DIN2636, DIN2637, DIN2638, DIN2673 B.S

BS4504 , BS4504, BS1560, BS10

Stainless Steel

ASTM A 182, A 240

Grade

F 304, 304L, 304H, 316, 316L, 316Ti, 310, 310S, 321, 321H, 317, 347, 347H, 904L, Duplex stainless steel UNS S31803, 2205, Super Duplex stainless steel UNS S32750

Carbon Steel

ASTM A 105, ASTM A 181

Alloy Steel

ASTM A 182, GR F1, F11, F22, F5, F9, F91

Nickel Alloys

Monel 400 & 500, Inconel 600 & 625, Incolloy 800, 825, Hastelloy C22,C276

Copper Alloys

Copper, Brass & Gunmetal

Size

1/8" NB To 48"NB.

Class

150#, 300#,400 #,600#,900#, 1500# & 2500 #.

Weld Neck Flanges



Weld neck flanges are a flanges with a heavy welding neck which is hot formed from a circular section of steel plate having a small co-axial hole in the center. You can get it in specifaction like flange stainless steel ASTM A182 other Weld neck flanges are available with following

Specifications:

Stainless Steel: ASTM A 182, A 240

Grades: F 304, 304L, 304H, 316, 316L, 316Ti, 310, 310S, 321, 321H, 317, 347, 347H, 904L,

DIN Flanges



We offer high quality DIN flanges that conform to the standard specifications of DIN

Deutsches Institut für Normung (German Institute for Standardization). These din standard flanges can be availed in different material specifications including carbon steel, stainless steel and alloy steel. Available at the most reasonable prices, our DIN pipe flanges can work efficiently under high temperature and pressure.

PN Flanges



PN flanges in various sizes. These are made using quality carbon steel that results in long lasting performance. Our range finds applications in different industries, such as cement and construction, pumps and petrochemicals and is offered in different dimensions to our clients. Piyush Steel also customize our range to suit the various requirements of the clients.

Features

- * High efficiency
- * Dimensional accuracy
- * Durable
- * Corrosion resistance
- * Perfect finish

Materials : Alloy Steel, Carbon Steel & Stainless Steel.

STD : ANSI/DIN/JIS/BS American Standard Flange ANSI B16.5: 150#, 300#, 600#, 900#, 1500#, 2500#, RF, BFF

DIN Flange: PN6, PN10, PN25, PN40, PN64, PN100, PN160 BS EN1092-1 Flange: PN10, PN16, PN25, PN40

Plate Flanges



Stainless Steel Plate Flanges Product Range :

Stainless Steel Flanges ,

Plate Flange

Size : 1/2"NB TO 60"NB IN Standard : ASA 150, ASA 300, TABLE D,E,F,H, DIN, ND-6,10, 16, 25, 40 Etc.

Type:

- ◆ Spectacle Blind
- ◆ Slip On (SORF)
- ◆ Blind (BLRF)
- ◆ Lap Joint
- ◆ Reducing
- ◆ Ring Joint
- ◆ Large Dia Ring

Spectacle Flanges



We offer a wide range of steel spectacle flange including Spectacle Flange, spectacle blind flange, ring joint flange, carbon steel spectacle flange, alloy steel spectacle flange etc, ♦ are highly durable and reliable. These spectacle blind flange are made from high quality stainless steel. Offered in different dimensions & sizes, these steel spectacle flanges are supplied to highly critical industrial applications. ♦

Manufactured to precision, these stainless steel spectacle flanges can also be supplied in customized specifications. ♦

Carbon Steel : ♦ ASTM A 105, ASTM A 181 ♦

Alloy Steel : ♦ ASTM A 182, GR F1, F11, F22, F5, F9, F91

Nickel Alloys : ♦ Monel 400 & 500, Inconel 600 & 625, Incolloy 800, 825, Hastelloy C22,C276

Copper Alloys : ♦ Copper, Brass & Gunmetal ♦

Size : ♦ 1/8" NB TO 48"NB.

Class : ♦ 150#, 300#,400 #,600#,900#, 1500# & 2500 #. ♦

Standard

ANSI : ♦ ANSI B16.5, ANSI B16.47, MSS SP44, ANSI B16.36, ANSI B16.48

DIN : DIN2527, DIN2566, DIN2573, DIN2576, DIN2641, DIN2642, DIN2655, DIN2656, DIN2627, DIN2628, DIN2629, DIN 2631, DIN2632, DIN2633, DIN2634, DIN2635, DIN2636, DIN2637, DIN2638, DIN2673

B.S : ♦ BS4504 , BS4504, BS1560, BS10.

Jis Flanges



Our range such as machine building **JIS Flanges** is tested at our premises on various quality parameters to ensure maximum satisfaction to the clients. In addition, we offer these flanges in proper packaging and at highly competitive prices.

JIS Standard, Material: SUS 304 & 316 made by sand casting or forged thread conform to bs21, 1973 taper thread.

Size: 1/2" nb to 48" nb

Types: Welding neck flange, slip on flange, threaded flange, socket welding flange, blind flange, orifice flange, ring joint flanges, long flanges, screwed flange, lapped joint flange, reducing flange, spectacle flange