

Flanges



We are offering metal flanges like metal flanges, stainless steel flanges, carbon steel flanges, nickel alloy flanges, which are available at optimum prices with proper customization provision. The range is offered with optimum quality and suits the specific requirements of the clients. Also, these are available in various types such as Slip-on, Blind, Weld-Neck, Threaded, lapped-Joint, Socket-Weld Etc as per BS-10 Table "D", "E", "F", "H", and also as per ANSI B 16.5 Class 150 to 2500 in all required sizes.

Blind Flanges (BLRF)

Our organization offers a wide range of Blind Flanges and Stainless Steel Blind Flange, which is widely used to close ends of piping systems. These Blind Flanges are round plate with no center hole but with all the proper bolt holes. We offer our range of Blind Flanges in various sizes and material, which is used to provide positive closure on the ends of pipes, valves, or equipment nozzles. The Blind flanges also help in easy access to a line once it has been sealed. These Blind Flanges are available in custom made finishes or in standard sized pipe to which reduction is being made. Further, this reduction can be a threaded reduction or welded reduction.

Features

- Blind flanges are sometimes supplied with NPT fittings which allow pressure test
- These are used to blank off the ends of pipe
- 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, these can safely be allowed to be higher than in other types of flanges

Slip On Flanges (SORF)

We offer an extensive range of Slip on Flanges, which is a very popular type of pipe flanges. These flanges slide over the end of piping and then welded in place, i.e. Welding Slip On Flanges. Slips on Flanges are perfect for lower pressure applications and can be easily fitted & welded into different pipes. The welding helps to reduce the fabrication costs of these pipes. We offer our range of Slip On Flanges, Slip On Pipe Flanges and Welding Slip On Flanges in wide variety of sizes for various applications.

Features

- These are generally not preferred for high pressure temperature environments
- One size fits all pipe schedules
- The smaller thickness of this flange allows for easier alignment of bolting holes
- Fabricators can more easily cut pipe to flanges length for slip-on flanges

Advantages Of Slip On Flanges

- Low cost installation
- Less time needed to spent on ensuring the accuracy of the cut pipe
- They are easier to align
- The slip-on flanges have low hub because the pipe slips into the flange before welding
- The flange is welded both inside and outside to provide sufficient strength
- Prevent leakage

The wide range of Weld Neck Flanges and Stainless Steel Weld Neck Flanges offered by us is procured from trusted vendors, who manufacture it as per the set industry standards. These Weld Neck Flanges have heavy welded neck, which is hot formed from a circular section of steel plate having a small co-axial hole in the center. We also supply flanges, welded flanges and forged flanges.

Lapped Joint Flanges

Lap joint flanges are used in those piping, which are fitted with the lapped pipe or with the stub end lap joint flanges. The lap joint flanges are highly suitable for those systems, which require dismantling for inspection and cleaning. Swivel flanges and align bolt holes have the ability in easing the erection of large diameter.

These lap joint flanges are similar to slip-on flanges with only difference i.e. they possess curved radius at the bore and face to accommodate a lap joint stub end. These are offered in full size range and are extensively used at all pressures.

Socket Weld Flanges (SWRF)

Socket weld flange is a device that is welded to the end of pipe so that the pipe can be bolted to another pipe with a similar flange. Stainless steel socket weld flanges enable a pipe to be disconnected and reconnected with ease. Available in a spectrum of shape and sizes, our forged light weight steel socket weld flanges are manufactured using superior grade material such as stainless steel socket weld flanges, carbon steel socket weld flanges and known for their durability and performance.

Long Weld Neck Flanges

We offer long weld neck flanges in alloy and non-alloy materials. These alloy long weld neck flanges are offered in various diameters and sizes. Long weld neck flanges are machined with the wall thickness of the flange having the same dimensions of the matching pipe.

The lighter is the pipe, the larger will be the bore and vice versa. These flanges are equally suitable for high-pressure, cold or hot temperature applications.

Reducing Flanges

Our range of reducing flanges is made of premium quality stainless steel. The reducing flanges are widely used in various industrial applications. Available in various configuration, these reducing flanges are suitable to connect tubings and pipe sections.

These stainless steel reducing flanges offer various advantages such as close tolerances, reliability and durability. Moreover, the SS reducing flanges are supplied in customized specifications.

Spectacle Flanges

We offer a wide range of steel spectacle flanges, which are highly durable and reliable. These spectacle blind flanges 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.

Ring Joint Flanges

Our range of stainless steel ring joint flanges is highly appreciated for strength, durability, reliability, corrosion resistance and close tolerances. These steel ring joint flanges conform to various Indian and international quality standards. Used in a number of industries, these steel ring joint flanges are supplied in various dimensional specifications.

Threaded Flanges

Our range of Threaded Flanges finds applications in various industries. These are special type of pipe flanges that can be attached to the pipe without welding. The threads are tapered in order to create a seal between the threaded flange and the pipe as the tapers approach the same diameter. Sometimes a seal weld is also used together with the threaded connection. They are available in various sizes and materials. Our range of Flanges are made using high grade material, such as Stainless Steel, Alloy Steel, Carbon Steel, Cast Iron, Steel, Aluminum, Brass, Bronze, Monel, PVC and Thermoplastic.

Uses of threaded flanges:

- Threaded flanges can be fitted to pipes of various sizes without welding and this is one chief benefit for which these flanges are highly demanded.
- They can be used in extremely high pressure applications, particularly at or near atmospheric temperature, where the necessary post weld heat treatment is not possible.
- They are ideal for small diameter piping applications.
- They are economical and time saving devices.
- These threaded flanges are normally designed for non-cyclic applications.
- The flanges are suitable to be used in applications where welding is hazardous.
- They can be used in highly explosive areas.

We have been offering a wide range of Plate Flanges to our clients. These are special types of flanges that have raised face and back ups, which are made from quality mill plates. Our flanges have high weld ability & harden ability and are available in different dimensional specifications depending upon the requirements and their applications.

Advantages

Stainless steel plate flanges are produced from quality mill plate. Mill plate produced to the ASTM A240 and ASME SA240 standards is virtually free of voids, non-metallic inclusions and other defects. The inherent corrosion resistance of stainless steel is enhanced by the superior grain structure offered by plate products over forged or cast products.

As companies begin to look at life-cycle costing models, in almost every case, the slightly higher initial cost of stainless steel plate flanges is more than offset by the extended service life and the reduction of the normal maintenance costs.