

## Slip-on Flanges

Slip-on flanges are a striking kind of pipe flanges. These are the sort of flanges that slide over the end of piping and afterward welded in position. These flanges are perfect for lower pressure applications. These are effectively fitted and welded into diverse pipes. Welding decreases creation expenses of these pipes. These are accessible in a wide assortment of sizes and applications.



### Why slip on the flanges are wanting to welding neck flanges?

For some clients, slip on flanges keep on being wanted to welding neck flanges due to the accompanying reasons:

Because of their at first low cost.

The reduced accuracy required in slicing the pipe to length.

The more prominent simplicity of the arrangement of the get together.

The computed quality of slip-on flanges under inward weight is pretty nearly two-thirds that of welding neck flanges.

### How to measure slip-on flanges?

Take the measurements of:

**OD:** Outside Diameter

**ID:** Inside Diameter

**BC:** Bolt Circle

**HD:** Hole diameter

### Key Features of Slip-On Flanges :

Some important features are as follows:

One size fits all pipe schedules.

Fabricators can more easily cut pipe to length for slip-on flanges.

The smaller thickness of this flange allows for easier alignment of bolting holes.

They are generally not preferred for high pressure temperature environments.

### Advantages of slip on flanges:

Low cost installation

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Less time needed to spent on ensuring the accuracy of the cut pipe  
they are somewhat 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  
they prevent leakage

**Product Range-**

**Size :** 1/8" NB TO 48"NB.

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

**Stainless Steel Slip on Flanges:** 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 Slip on Flanges :** ASTM A 105, ASTM A 181

**Alloy Steel Slip on Flanges:** ASTM A 182, GR F1, F11, F22, F5, F9, F91

**Nickel Alloys Slip on Flanges :** Monel 400 & 500, Inconel 600 & 625, Incolloy 800, 825, Hastelloy C22,C276

**Copper Alloys Slip on Flanges :** Copper, Brass & Gunmetal

**Slip on Flanges 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

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# REXINO

## STAINLESS & ALLOYS



### Technical Specification

### 600 LB. FLANGES

Normal pipe size	Outside dia. of flange	Minimum thickness of flange	Overall Length			Bolt Circle	No. and Size of Holes		O.D. of raised face
			Welding neck	Slip-on & socket welding	Lap Joint		No.	dia.	
	O	Q	Y			Diam.		R	
1/2	95	14.2	52.3	22.4	22.2	66.5	4	15.7	35.1
3/4	117	15.7	57.2	25.4	25.4	82.6	4	19.1	42.9
1	124	17.5	62	26.9	26.9	89.9	4	19.1	50.8
1-1/4	133	20.6	66.5	28.4	28.4	98.6	4	19.1	63.5
1-1/2	155	22.4	69.9	31.8	31.8	114.3	4	22.4	73.2
2	165	25.4	73.2	36.6	36.6	127.0	8	19.1	91.9
2-1/2	191	28.4	79.2	41.1	41.1	149.4	8	22.4	104.6
3	210	31.8	82.6	46.0	46.0	168.1	8	22.4	127
3-1/2	229	35.1	85.9	49.3	49.3	184.2	8	25.4	139.7
4	273	38.1	101.6	53.8	53.8	215.9	8	25.4	157.2
5	330	44.5	114.3	60.5	60.5	266.7	8	28.4	185.7
6	356	47.8	117.3	66.5	66.5	292.1	12	28.4	215.9
8	419	55.6	133.4	76.2	76.2	349.3	12	31.8	269.7
10	508	63.5	152.4	85.9	111.3	431.8	16	35.1	323.9
12	559	66.5	155.6	91.9	117.3	489.0	20	35.1	381
14	603	69.5	165.1	93.7	127	527.1	20	38.1	412.8
16	686	76.2	177.8	106.4	139	603.3	20	41.1	469.9
18	743	82.6	184.2	117.3	152.4	654.1	20	44.5	533.4
20	813	88.9	190.5	127.0	165.1	723.9	24	44.5	584.2
24	940	101.6	203.2	139.7	184.2	838.2	24	50.8	692.2

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