



REXINO
STAINLESS & ALLOYS

Socket Weld Flanges

Socket welding flange, a prominent sort of pipe flange, was at first produced for utilization on little estimated high pressure piping. The manufacture of this variety of flange is like that of a slip-on flange. Be that as it may, the inward pocket of a socket weld flange takes into account a smooth bore and better liquid stream. When provided with an internal weld, the static strength of this flange is equal to slip-on flange, but the fatigue strength is 50% greater than double welding slip-on flanges. Smooth bore conditions in that flange can easily become gained while not having to bevel your flange confront and also, following welding, in order to reface the socket weld flange since could well be required using slip-on flanges. This is why, the internally welded flange can be popular in chemical process piping.

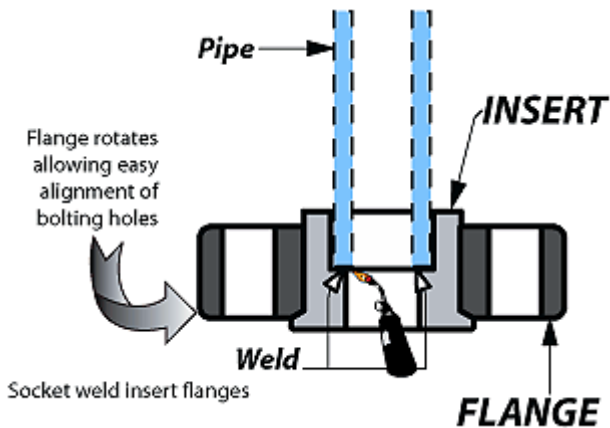


Key Features:

The rift within the breadth of the attachment socket weld flange takes into consideration a decent attack of the pipe considering a quiet flow of fluid.

Socket welding flanges function admirably for smaller sizes and higher weight temperature conditions.

They are like slip-on flanges, however, must fix the schedule of the pipe where they will be applied for with socket welds.



Uses of socket weld flanges:

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They're easily fitted for small dimension software.

They are utilized for high pressure applications.

Socket weld flanges have an internal recess on within breadth which take into consideration a smooth flow of the process liquid.

They fix a smooth held on for the proper welding and grinding.

Product Range

Socket Weld Flange Range

½" (15 NB) to 48" (1200NB) in 150 LBS, 300 LBS, 600 LBS, 900 LBS, 1500 LBS, 2500 LBS ASA 150, ASA 300, PN 6,10,16,25, 40,64,100,160 ETC. Available with NACE MR 01-75

Stainless Steel Socket Weld Flange

Grade : 304, 304L, 304H, 309, 310, 310S, 316, 316Ti, 316 L, 317, 317L, 321, 347, 347 H, 409, 410, 410S, 420, 430L

Duplex Steel Socket Weld Flange

Grade : 2205 (UNS No. S31803), 2507 (UNS No. S32750)

Nickel Alloy Socket Weld Flange

Grade : Nickel 200 (UNS No. N02200), Nickel 201 (UNS No. N02201), Monel 400 (UNS No. N04400), Monel 500 (UNS No. N05500), Inconel 800 (UNS No. N08800), Inconel 825 (UNS No. N08825), Inconel 600 (UNS No. N06600), Inconel 625 (UNS No. N06625), Inconel 601 (UNS No. N06601), Hastelloy C 276 (UNS No. N10276), Alloy 20 (UNS No. N08020), Titanium (Grade I & II)

Copper Alloy Socket Weld Flange

Grade : UNS No. C 10100, 10200, 10300, 10800, 12000, 12200, 70600, 71500, UNS No. C 70600 (Cu - Ni- 90/10), C 71500 (Cu -Ni- 70/30)

Socket Weld Flange 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

OTHER : PLATE, PLATE BLANK

Value Added Services for Socket Weld Flange

HOT DIPPED GALVANIZING

HEAT TREATMENT

CNC MACHINING

THREADING

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Technical Specification

300 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	22.4	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	88.9	4	19.1	50.8
1-1/4	133	19.1	65	26.9	26.9	98.6	4	19.1	63.5
1-1/2	155	20.6	68	30.2	30.2	114.3	4	22.4	73.2
2	165	22.4	69.9	33.3	33.3	127.0	8	19.1	91.9
2-1/2	191	25.4	76.2	38.1	38.1	149.4	8	22.4	104.6
3	210	28.6	79.2	42.9	42.9	168.1	8	22.4	127
3.1/2	229	30.2	81	44.5	44.5	184.2	8	22.4	139.7
4	254	31.8	85.9	47.6	47.8	200.2	8	22.4	157.2
5	279	35.0	98.6	50.8	50.8	235.0	8	22.4	185.7
6	318	36.6	98.6	52.3	52.3	269.7	12	22.4	215.9
8	381	41.1	111.3	62	62	330.2	12	25.4	269.7
10	445	47.8	117.3	66.5	95.3	387.4	16	28.4	323.9
12	521	50.8	130	73.2	101.6	450.9	16	31.8	381
14	584	53.8	142.7	76.2	111.3	514.4	20	31.8	412.8
16	648	57.2	146.1	82.6	120.7	571.5	20	35.1	469.9
18	711	60.5	158.8	88.9	130.2	628.7	24	35.1	533.4
20	775	63.5	162.1	95.3	139.7	685.8	24	35.1	584.2
24	914	69.9	168.1	106.4	152.4	812.8	24	41.1	692.2

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