



Nominal Pipe Size	Outside Diameter of Flange O	Thickness of Flange Min. C	Drilling			Diameter of Raised Face	Diameter of Hub X	Hub Diameter Beginning of Chamfer Welding Neck A	Length Through Hub			Thread Length Threaded Min. T	Bore			Corner Radius of Bore of Lapped Flange and Pipe r	Depth of Socket D
			Diameter of Bolt Circle	Diameter of Bolt Holes	Number of Bolts				Threaded Slip-on Socket Welding Y	Lapped Y	Welding Neck Y		Slip-on Socket Welding Min. B1	Lapped Min. B2	Welding Neck Socket Welding B3		
1/2	3 1/2	7/16	2 3/8	5/8	4	1 3/8	1 3/16	0.84	5/8	5/8	1 7/8	5/8	0.88	0.90	0.62	1/8	3/8
3/4	3 7/8	1/2	2 3/4	5/8	4	1 11/16	1 1/2	1.05	5/8	5/8	2 1/16	5/8	1.09	1.11	0.82	1/8	7/16
1	4 1/4	9/16	3 3/8	5/8	4	2	1 15/16	1.32	11/16	11/16	2 3/16	11/16	1.36	1.38	1.05	1/8	1/2
1 1/4	4 5/8	5/8	3 1/2	5/8	4	2 1/2	2 3/16	1.66	13/16	13/16	2 1/4	13/16	1.70	1.72	1.38	3/16	9/16
1 1/2	5	11/16	3 7/8	5/8	4	2 7/8	2 9/16	1.90	7/8	7/8	2 7/16	7/8	1.95	1.97	1.61	1/4	5/8
2	6	3/4	4 3/4	3/4	4	3 5/8	3 1/16	2.38	1	1	2 1/2	1	2.44	2.46	2.07	5/16	11/16
2 1/2	7	7/8	5 1/2	3/4	4	4 1/8	3 3/16	2.88	1 1/8	1 1/8	2 3/4	1 1/8	2.94	2.97	2.47	5/16	3/4
3	7 1/2	15/16	6	3/4	4	5	4 1/4	3.50	1 3/16	1 3/16	2 3/4	1 3/16	3.57	3.60	3.07	3/8	13/16
4	9	1 1/16	7 1/2	3/4	8	6 3/16	5 5/16	4.50	1 5/16	1 5/16	3	1 5/16	4.57	4.60	4.03	7/16	
5	10	1 1/8	8 1/2	7/8	8	7 7/16	6 7/16	5.56	1 7/16	1 7/16	3 1/2	1 7/16	5.66	5.69	5.05	7/16	
6	11	1 1/4	9 1/2	7/8	8	8 1/2	7 9/16	6.63	1 9/16	1 9/16	3 1/2	1 9/16	6.72	6.75	6.07	1/2	
8	13 1/2	1 1/2	11 3/4	7/8	8	10 5/8	9 11/16	8.63	1 3/4	1 3/4	4	1 3/4	8.72	8.75	7.98	1/2	
10	16	1 3/8	14 1/4	1	12	12 3/4	12	10.75	1 15/16	1 15/16	4	1 15/16	10.88	10.92	10.02	1/2	
12	19	1 1/2	17	1	12	15	14 3/8	12.75	2 3/16	2 3/16	4 1/2	2 3/16	12.88	12.92	12.00	1/2	
14	21	1 5/8	18 3/4	1 1/8	12	16 1/4	15 3/4	14.00	2 1/4	3 3/8	5	2 1/4	14.14	14.18		1/2	
16	23 1/2	1 7/8	21 1/4	1 1/8	16	18 1/2	18	16.00	2 1/2	3 7/16	5	2 1/2	16.16	16.19		1/2	
18	25	1 7/8	22 3/4	1 1/4	16	21	19 7/8	18.00	2 11/16	3 13/16	5 1/2	2 11/16	18.18	18.20		1/2	
20	27 1/2	1 15/16	25	1 1/4	20	23	22	20.00	2 7/8	4 1/16	5 11/16	2 7/8	20.20	20.25		1/2	
22	29 1/2	1 3/4	27 1/4	1 3/8	20	25 1/4	24	22.00	3 1/8	---	5 7/8	---	---	---		---	
24	32	1 7/8	29 1/2	1 3/8	20	27 1/4	26 1/8	24.00	3 1/4	4 3/8	6	3 1/4	24.25	24.55		1/2	

Raised Face Height : 0.125 inch

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MUMBAI OFFICE 897/911, John Roberts' Compound, Sewri-Fort Road, Sewri (East), Mumbai 400 015, Maharashtra (India). Phone : (91-22) 2412 3151 / 2412 7006 Fax : (91-22) 2413 5576 E-mail : vfvf@vsnl.net Website : www.vfvf.com	AHMEDABAD OFFICE 8E, Sumeru Centre, Near Parimal Rly. Crossing, Paldi, Ahmedabad 380 007, Gujarat (India). Phone : (91-79) 2663 2754 / 2663 8877 Fax : (91-79) 2663 2754	WORKS Sub Plot No. 1/2, Natraj Industrial Estate, Village Wasna - Iyawa, Taluka - Sanand, Dist. Ahmedabad 382 110, Gujarat (India). Phone : (91-2717) 284392	CLASS 150 STEEL FLANGES ASME-ANSI B16.5 <hr/> All dimensions are in inches
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