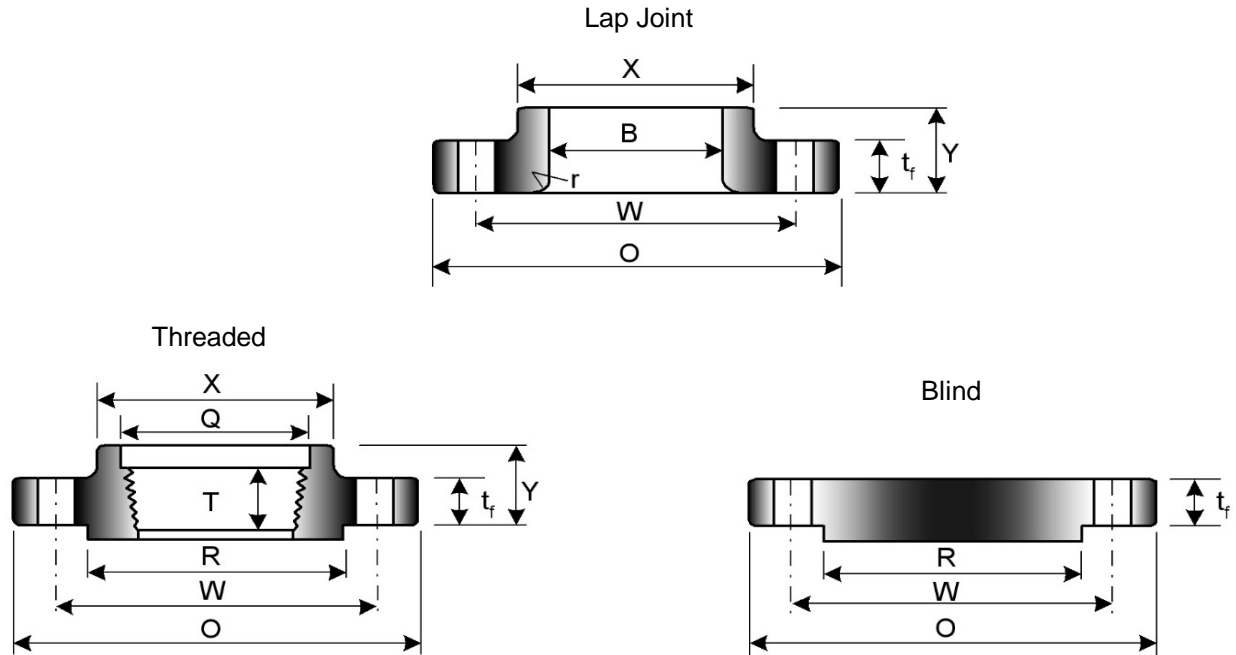


Nominal Pipe Size NPS	O.D. of Flange O	Thickness of Flange ⁽¹⁾ t _f (min)	Diameter of Hub X	Diameter at Bevel A	Length Through Hub			Diameter of Bore ⁽²⁾			Thread Length ⁽³⁾ T (min)
					W/N Y ⁽¹⁾	S/O, Threaded Y ⁽¹⁾	Lap Joint Y ⁽¹⁾	S/O B (min)	Lap Joint B (min)	Counter-bore Q (min)	
1/2 3/4 1 1 1/4 1 1/2 2 2 1/2	Use Class 1500 dimensions in these sizes										
3	9.50	1.50	5.00	3.50	4.00	2.12	2.12	3.57	3.60	3.63	1.62
4	11.50	1.75	6.25	4.50	4.50	2.75	2.75	4.57	4.60	4.63	1.88
5	13.75	2.00	7.50	5.56	5.00	3.12	3.12	5.66	5.69	5.69	2.12
6	15.00	2.19	9.25	6.63	5.50	3.38	3.38	6.72	6.75	6.75	2.25
8	18.50	2.50	11.75	8.63	6.38	4.00	4.50	8.72	8.75	8.75	2.50
10	21.50	2.75	14.50	10.75	7.25	4.25	5.00	10.88	10.92	10.88	2.81
12	24.00	3.12	16.50	12.75	7.88	4.62	5.62	12.88	12.92	12.94	3.00
14	25.25	3.38	17.75	14.00	8.38	5.12	6.12	14.14	14.18	14.19	3.25
16	27.75	3.50	20.00	16.00	8.50	5.25	6.50	16.16	16.19	16.19	3.38
18	31.00	4.00	22.25	18.00	9.00	6.00	7.50	18.18	18.20	18.19	3.50
20	33.75	4.25	24.50	20.00	9.75	6.25	8.25	20.20	20.25	20.19	3.62
24	41.00	5.50	29.50	24.00	11.50	8.00	10.50	24.25	24.25	24.19	4.00

All dimensions are given in inches.



Corner Radius of Bore r	Diameter of RF R	Diameter of Bolt Circle W	Number of Bolt Holes	Diameter of Bolt Holes	Diameter of Bolts	Length of Studs ⁽⁴⁾		Approximate Weight Each in Pounds				Nominal Pipe Size NPS
						0.25" RF	Ring Joint	Welding Neck	S/O, Threaded	Lap Joint	Blind	
Use Class 1500 dimensions in these sizes											1/2	
Use Class 1500 dimensions in these sizes											3/4	
Use Class 1500 dimensions in these sizes											1	
Use Class 1500 dimensions in these sizes											1 1/4	
Use Class 1500 dimensions in these sizes											1 1/2	
Use Class 1500 dimensions in these sizes											2	
Use Class 1500 dimensions in these sizes											2 1/2	
0.38	5.00	7.50	8	1.00	7/8	5.75	5.75	31	26	25	29	3
0.44	6.19	9.25	8	1.25	1 1/8	6.75	6.75	51	53	51	54	4
0.44	7.31	11.00	8	1.38	1 1/4	7.50	7.50	86	83	81	87	5
0.50	8.50	12.50	12	1.25	1 1/8	7.50	7.75	110	110	105	115	6
0.50	10.62	15.50	12	1.50	1 3/8	8.75	8.75	175	170	190	200	8
0.50	12.75	18.50	16	1.50	1 3/8	9.25	9.25	260	245	275	290	10
0.50	15.00	21.00	20	1.50	1 3/8	10.00	10.00	325	325	370	415	12
0.50	16.25	22.00	20	1.62	1 1/2	10.75	11.00	400	400	415	520	14
0.50	18.50	24.25	20	1.75	1 5/8	11.25	11.50	495	425	465	600	16
0.50	21.00	27.00	20	2.00	1 7/8	12.75	13.25	680	600	650	850	18
0.50	23.00	29.50	20	2.12	2	13.75	14.25	830	730	810	1075	20
0.50	27.25	35.50	20	2.62	2 1/2	17.25	18.00	1500	1400	1550	2025	24

Notes:

- (1) 1/4" RF not included in Flange Thickness (t_f) and Length Through Hub (Y).
- (2) Bore diameter of Welding Neck Flange to be specified by purchaser.
- (3) Class 900 Threaded Flanges are made with a counterbore. Threads are per ASME B1.20.1.
- (4) Stud lengths noted are thread to thread, and assume a 1/8" gasket thickness.

Trans Am

Piping Products Ltd.