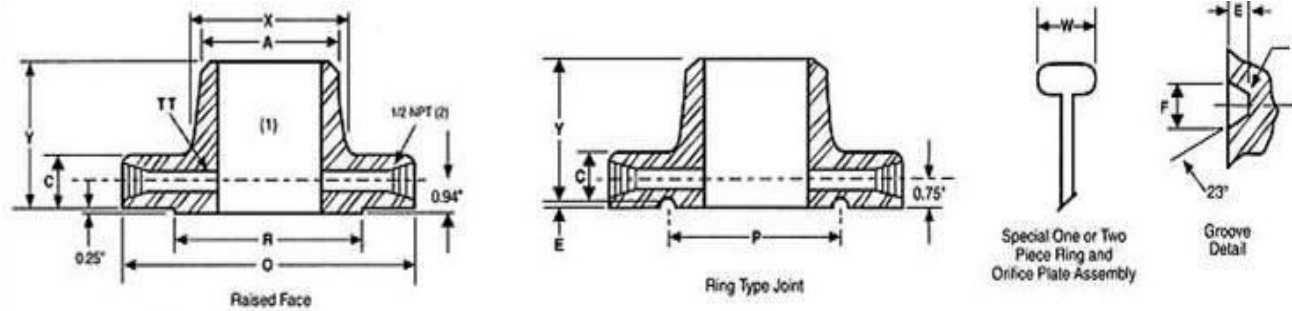


**ANSI/ASME B16.36 CLASS 900 WELDNECK ORIFICE FLANGES**



Nominal Pipe Size	O.D. Flange	Thk. Of Flange Min	Diameter of Raised Face	Diam. Of Hub	Hub Diam. Chamfer of W.N.	Length Hub	Drilling					Ring Type Joint					
							Diam. of Pressure Connection	Diam. of Bolt Circle	Diam. of Bolt Holes	Number of Bolts	Diam. of Bolt	Grove #	Pitch Dia	Groove Depth	Groove Width	Radius at Bottom	Spec Oval RH
NPS	O	C	R	X	A	Y	TT						P	E	F	r max	W
in 3	9.5	1.5	5	5	3.5	4	3/8	7.5	1	8	7/8	R31	4.875	0.312	0.469	0.03	1.06
mm 80	241.3	38.1	127	127	88.9	101.6	9.5	190.5	25.4		22.2		123.825	7.925	11.913	0.8	26.9
in 4	11.5	1.75	6.19	6.25	4.5	4.5	1/2	9.25	1.25	8	1 1/8	R37	5.875	0.312	0.469	0.03	1.06
mm 100	292.1	44.5	157.2	158.8	114.3	114.3	12.7	235	31.8		28.6		149.225	7.925	11.913	0.8	26.9
in 6	15	2.19	8.5	9.25	6.63	5.5	1/2	12.5	1.25	12	1 1/8	R45	8.312	0.312	0.469	0.03	1.06
mm 150	381	55.6	215.9	235	168.4	139.7	12.7	317.5	31.8		28.6		211.125	7.925	11.913	0.8	26.9
in 8	18.5	2.5	10.62	11.75	8.63	6.38	1/2	15.5	1.5	12	1 3/8	R49	10.625	0.312	0.469	0.03	1.06
mm 200	469.9	63.5	269.7	298.5	219.2	162.1	12.7	393.7	38.1		34.9		269.875	7.925	11.913	0.8	26.9
in 10	21.5	2.75	12.75	14.5	10.75	7.25	1/2	18.5	1.5	16	1 3/8	R53	12.75	0.312	0.469	0.03	1.06
mm 250	546.1	69.9	323.9	368.3	273.1	184.2	12.7	469.9	38.1		34.9		323.85	7.925	11.913	0.8	26.9
in 12	24	3.12	15	16.5	12.75	7.88	1/2	21	1.5	20	1 3/8	R57	15	0.312	0.469	0.03	1.06
mm 300	609.6	79.2	381	419.1	323.9	200.2	12.7	533.4	38.1		34.9		381	7.925	11.913	0.8	26.9
in 14	25.25	3.38	16.25	17.75	14	8.38	1/2	22	1.62	20	1 1/2						
mm 350	641.4	85.9	412.8	450.9	355.6	212.9	12.7	558.8	41.1		38.1						
in 16	27.75	3.5	18.5	20	16	8.5	1/2	24.3	1.75	20	1 5/8						
mm 400	704.9	88.9	469.9	508	406.4	215.9	12.7	616	44.5		41.3						
in 18	31	4	21	22.25	18	9	1/2	27	2	20	1 7/8						
mm 450	787.4	101.6	533.4	565.2	457.2	228.6	12.7	685.8	50.8		47 3/5						
in 20	33.75	4.25	23	24.5	20	9.75	1/2	29.5	2.12	20	2						
mm 500	857.3	108	584.2	622.3	508	247.7	12.7	749.3	53.8		50 4/5						
in 24	41	5.5	27.25	29.5	24	11.5	1/2	35.5	2.62	20	2 1/2						
mm 600	1041.4	139.7	692.2	749.3	609.6	292.1	12.7	901.7	66.5		63.5						