



Nom. Pipe Size	O (Outside Diameter)	R (Raised Face)	X (Hub Dia.)	H (Bevel Hub Dia.)	C	TT (Dia. of pressure connection)	Y (Overall Length)	B2 (In-side Dia.)	Groove #	Groove Pitch Dia. P	Groove Depth E	Groove Width F	Radius At Bottom r	Special Oval W	# of Holes	Dia. of Holes	Dia. of Bolts	Bolt Circle Dia.
1"	5.88	2.00	2.06	1.32	1.50	0.25	3.25	This dimension is determined by the pipe schedule and its corresponding inside diameter.	R16	2.000	0.250	0.344	0.03	1.00	4	1.00	.875	4.00
1-1/2"	7.00	2.88	2.75	1.90	1.50	0.25	3.50		R20	2.688	0.250	0.344	0.03	1.00	4	1.12	1.000	4.88
2"	8.50	3.62	4.12	2.38	1.50	0.25	4.00		R24	3.750	0.312	0.469	0.03	1.06	8	1.00	.875	6.50
2-1/2"	9.62	4.12	4.88	2.88	1.62	0.25	4.12		R27	4.250	0.312	0.469	0.03	1.06	8	1.12	1.000	7.50
3"	9.50	5.00	5.00	3.50	1.50	0.375	4.00		R31	4.875	0.312	0.469	0.03	1.06	8	1.00	.875	7.50
4"	11.50	6.19	6.25	4.50	1.75	0.50	4.50		R37	5.875	0.312	0.469	0.03	1.06	8	1.25	1.125	9.25
6"	15.00	8.50	9.25	6.63	2.19	0.50	5.50		R45	8.312	0.312	0.469	0.03	1.06	12	1.25	1.375	12.50
8"	18.50	10.62	11.75	8.63	2.50	0.50	6.38		R49	10.625	0.312	0.469	0.03	1.06	12	1.50	1.375	15.50
10"	21.50	12.75	14.50	10.75	2.75	0.50	7.25		R53	12.750	0.312	0.469	0.03	1.06	16	1.50	1.375	18.50
12"	24.00	15.00	16.50	12.75	3.12	0.50	7.88		R57	15.000	0.312	0.469	0.03	1.06	20	1.50	1.375	21.00
14"	25.25	16.25	17.75	14.00	3.38	0.50	8.38								20	1.62	1.500	22.00
16"	27.75	18.50	20.00	16.00	3.50	0.50	8.50								20	1.80	1.600	24.30
18"	31.00	21.00	22.25	18.00	4.00	0.50	9.00								20	2.00	1.875	27.00
20"	33.75	23.00	24.50	20.00	4.25	0.50	9.75								20	2.12	2.000	29.50
24"	41.00	27.25	29.50	24.00	5.50	0.50	11.50								20	2.62	2.500	35.50

- The C and Y dimensions do not include the 1/4" raised face.
- Tolerances are standard as per ANSI B 16.36.
- All shown dimensions are in inches.
- It is most standard to have an NPT of 1/2" in the side of the flange, however, other sizes may be available upon request.

- Spaces left **blank** have no corresponding values as per ASME code. Usually this denotes a recommendation not to use this style at the corresponding size.
- Other nominal pipe sizes may be available per request.