



Nom. Pipe Size	O	T <sub>1</sub>	R	X	No. <sub>2</sub> /Dia. Of Holes	Bolt Circle Dia.	L
1/2"	3.5	0.44	1.38	1.19	4-0.62	2.38	0.62
3/4"	3.88	0.5	1.69	1.5	4-0.62	2.75	0.62
1"	4.25	0.56	2	1.94	4-0.62	3.12	0.69
1 1/4"	4.62	0.62	2.5	2.31	4-0.62	3.5	0.81
1 1/2"	5	0.68	2.88	2.56	4-0.62	3.88	0.88
2"	6	0.75	3.62	3.06	4-0.62	4.75	1
2 1/2"	7	0.88	4.12	3.56	4-0.75	5.5	1.12
3"	7.5	0.94	5	4.25	4-0.75	6	1.19
3 1/2"	8.5	0.94	5.5	4.81	4-0.75	7	1.25
4"	9	0.94	6.19	5.31	8-0.75	7.5	1.31
5"	10	0.94	7.31	6.44	8-0.75	8.5	1.44
6"	11	1	8.5	7.56	8-0.88	9.5	1.56
8"	13.5	1.12	10.62	9.69	8-0.88	11.75	1.75
10"	16	1.19	12.75	12	8-0.88	14.25	1.94
12"	19	1.25	15	14.38	12-1.00	17	2.19
14"	21	1.38	16.25	15.75	12-1.00	18.75	2.25
16"	23.5	1.44	18.5	18	16-1.12	21.25	2.5
18"	25	1.56	21	19.88	16-1.25	22.75	2.69
20"	27.5	1.69	23	22	20-1.25	25	2.88
22"	29.5	1.81	25.25	24.25	20-1.38	27.25	3.13
24"	32	1.88	27.25	26.12	20-1.38	29.5	3.25