



| Nom. Pipe Size | O | T ₁ | R | X | No. ₂ /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 |