



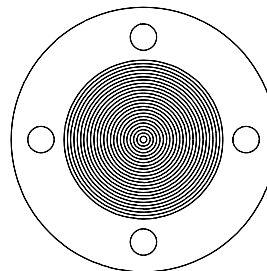
ANSI FLANGE DIMENSIONS

150 lb. STANDARD

| Nom. Pipe Size | Outside Diam. Flange | Flange Thickness | Drill Template | | |
|----------------|----------------------|------------------|----------------|-------------|-------------|
| | | | No. Holes | Diam. Bolts | Bolt Circle |
| 1/2 | 3-1/2 | 7/16 | 4 | 1/2 | 2-3/8 |
| 3/4 | 3-7/8 | 1/2 | 4 | 1/2 | 2-3/4 |
| 1 | 4-1/4 | 9/16 | 4 | 1/2 | 3-1/8 |
| 1-1/4 | 4-5/8 | 5/8 | 4 | 1/2 | 3-1/2 |
| 1-1/2 | 5 | 11/16 | 4 | 1/2 | 3-7/8 |
| 2 | 6 | 3/4 | 4 | 5/8 | 4-3/4 |
| 2-1/2 | 7 | 7/8 | 4 | 5/8 | 5-1/2 |
| 3 | 7-1/2 | 15/16 | 4 | 5/8 | 6 |
| 3-1/2 | 8-1/2 | 15/16 | 8 | 5/8 | 7 |
| 4 | 9 | 15/16 | 8 | 5/8 | 7-1/2 |
| 5 | 10 | 15/16 | 8 | 3/4 | 8-1/2 |
| 6 | 11 | 1 | 8 | 3/4 | 9-1/2 |
| 8 | 13-1/2 | 1-1/8 | 8 | 3/4 | 11-3/4 |
| 10 | 16 | 1-3/16 | 12 | 7/8 | 14-1/4 |
| 12 | 19 | 1-1/4 | 12 | 7/8 | 17 |

300 lb. STANDARD

| Nom. Pipe Size | Outside Diam. Flange | Flange Thickness | Drill Template | | |
|----------------|----------------------|------------------|----------------|-------------|-------------|
| | | | No. Holes | Diam. Bolts | Bolt Circle |
| 1/2 | 3-3/4 | 9/16 | 4 | 1/2 | 2-5/8 |
| 3/4 | 4-5/8 | 5/8 | 4 | 5/8 | 3-1/4 |
| 1 | 4-7/8 | 11/16 | 4 | 5/8 | 3-1/2 |
| 1-1/4 | 5-1/4 | 3/4 | 4 | 5/8 | 3-7/8 |
| 1-1/2 | 6-1/8 | 13/16 | 4 | 3/4 | 4-1/2 |
| 2 | 6-1/2 | 7/8 | 8 | 5/8 | 5 |
| 2-1/2 | 7-1/2 | 1 | 8 | 3/4 | 5-7/8 |
| 3 | 8-1/4 | 1-1/8 | 8 | 3/4 | 6-5/8 |
| 3-1/2 | 9 | 1-3/16 | 8 | 3/4 | 7-1/4 |
| 4 | 10 | 1-1/4 | 8 | 3/4 | 7-7/8 |
| 5 | 11 | 1-3/8 | 8 | 3/4 | 9-1/4 |
| 6 | 12-1/2 | 1-7/16 | 12 | 3/4 | 10-5/8 |
| 8 | 15 | 1-5/8 | 12 | 7/8 | 13 |
| 10 | 17-1/2 | 1-7/8 | 16 | 1 | 15-1/4 |
| 12 | 20-1/2 | 2 | 16 | 1-1/8 | 17-3/4 |



600 lb. STANDARD

| Nom. Pipe Size | Outside Diam. Flange | Flange Thickness | Drill Template | | |
|----------------|----------------------|------------------|----------------|-------------|-------------|
| | | | No. Holes | Diam. Bolts | Bolt Circle |
| 1/2 | 3-3/4 | 9/16 | 4 | 5/8 | 2-5/8 |
| 3/4 | 4-5/8 | 5/8 | 4 | 3/4 | 3-1/4 |
| 1 | 4-7/8 | 11/16 | 4 | 3/4 | 3-1/2 |
| 1-1/4 | 5-1/4 | 13/16 | 4 | 3/4 | 3-7/8 |
| 1-1/2 | 6-1/8 | 7/8 | 4 | 7/8 | 4-1/2 |
| 2 | 6-1/2 | 1 | 8 | 3/4 | 5 |
| 2-1/2 | 7-1/2 | 1-1/8 | 8 | 7/8 | 5-7/8 |
| 3 | 8-1/4 | 1-1/4 | 8 | 7/8 | 6-5/8 |
| 3-1/2 | 9 | 1-3/8 | 8 | 1 | 7-1/4 |
| 4 | 10-7/5 | 1-1/2 | 8 | 1 | 8-1/2 |
| 5 | 13 | 1-3/4 | 8 | 1-1/8 | 10-1/2 |
| 6 | 14 | 1-7/8 | 12 | 1-1/8 | 11-1/2 |
| 8 | 16-1/2 | 2-3/16 | 12 | 1-1/4 | 13-3/4 |
| 10 | 20 | 2-1/2 | 16 | 1-3/8 | 17 |
| 12 | 22 | 2-5/8 | 20 | 1-3/8 | 19-1/4 |

900 lb. STANDARD

| Nom. Pipe Size | Outside Diam. Flange | Flange Thickness | Drill Template | | |
|----------------|----------------------|------------------|----------------|-------------|-------------|
| | | | No. Holes | Diam. Bolts | Bolt Circle |
| 1/2 | 4-3/4 | 7/8 | 4 | 7/8 | 3-1/4 |
| 3/4 | 5-1/8 | 1 | 4 | 7/8 | 3-1/2 |
| 1 | 5-7/8 | 1-1/8 | 4 | 1 | 4 |
| 1-1/4 | 6-1/4 | 1-1/8 | 4 | 1 | 4-3/8 |
| 1-1/2 | 7 | 1-1/4 | 4 | 1-1/8 | 4-7/8 |
| 2 | 8-1/2 | 1-1/2 | 8 | 1 | 6-1/2 |
| 2-1/2 | 9-5/8 | 1-5/8 | 8 | 1-1/8 | 7-1/2 |
| 3 | 9-1/2 | 1-1/2 | 8 | 1 | 7-1/2 |
| 4 | 11-1/2 | 1-3/4 | 8 | 1-1/4 | 9-1/4 |
| 5 | 13-3/4 | 2 | 8 | 1-3/8 | 11 |
| 6 | 15 | 2-3/16 | 12 | 1-1/4 | 12-1/2 |
| 8 | 18-1/2 | 2-1/2 | 12 | 1-1/2 | 15-1/2 |
| 10 | 21-1/2 | 2-3/4 | 16 | 1-1/2 | 18-1/2 |
| 12 | 24 | 3-1/8 | 20 | 1-1/2 | 21 |