

BOLT CHART



SERIES 150 FLANGE

| PIPE SIZE | STUD QTY | DIAMETER | LNG (RF/FF) | LNG (RTJ) |
|-----------|----------|----------|-------------|-----------|
| 1 | 4 | 1/2" | 2-1/2" | 3" |
| 1.5 | 4 | 1/2" | 2-3/4" | 3-1/4" |
| 2 | 4 | 5/8" | 3-1/4" | 3-3/4" |
| 3 | 4 | 5/8" | 3-1/2" | 4-1/4" |
| 4 | 8 | 5/8" | 3-1/2" | 4-1/4" |
| 6 | 8 | 3/4" | 4" | 4-1/2" |
| 8 | 8 | 3/4" | 4-1/4" | 4-3/4" |
| 10 | 12 | 7/8" | 4-3/4" | 5-1/4" |
| 12 | 12 | 7/8" | 4-3/4" | 5-1/2" |
| 14 | 12 | 1" | 5-1/4" | 6" |
| 16 | 16 | 1" | 5-1/2" | 6" |
| 18 | 16 | 1-1/8" | 6" | 6-1/2" |
| 20 | 20 | 1-1/8" | 6-1/2" | 7" |
| 24 | 20 | 1-1/4" | 7" | 7-3/4" |

SERIES 300 FLANGE

| PIPE SIZE | STUD QTY | DIAMETER | LNG (RF/FF) | LNG (RTJ) |
|-----------|----------|----------|-------------|-----------|
| 1 | 4 | 5/8" | 3" | 3-1/2" |
| 1.5 | 4 | 3/4" | 3-1/2" | 4" |
| 2 | 8 | 5/8" | 3-1/2" | 4" |
| 3 | 8 | 3/4" | 4-1/4" | 4-3/4" |
| 4 | 8 | 3/4" | 4-1/2" | 5" |
| 6 | 12 | 3/4" | 4-3/4" | 5-1/2" |
| 8 | 12 | 7/8" | 5-1/2" | 6" |
| 10 | 16 | 1" | 6-1/4" | 6-3/4" |
| 12 | 16 | 1-1/8" | 6-3/4" | 7-1/4" |
| 14 | 20 | 1-1/8" | 7" | 7-1/2" |
| 16 | 20 | 1-1/4" | 7-1/2" | 8" |
| 18 | 24 | 1-1/4" | 7-3/4" | 8-1/4" |
| 20 | 24 | 1-1/4" | 8-1/4" | 8-3/4" |
| 24 | 24 | 1-1/2" | 9-1/4" | 10" |

SERIES 600 FLANGE

| PIPE SIZE | STUD QTY | DIAMETER | LNG (RF/FF) | LNG (RTJ) |
|-----------|----------|----------|-------------|-----------|
| 1 | 4 | 5/8" | 3-1/2" | 3-1/2" |
| 1.5 | 4 | 3/4" | 4-1/4" | 4-1/4" |
| 2 | 8 | 5/8" | 4-1/4" | 4-1/2" |
| 3 | 8 | 3/4" | 5" | 5-1/4" |
| 4 | 8 | 7/8" | 5-3/4" | 6" |
| 6 | 12 | 1" | 6-3/4" | 7" |
| 8 | 12 | 1-1/8" | 7-3/4" | 8" |
| 10 | 16 | 1-1/4" | 8-1/2" | 8-3/4" |
| 12 | 20 | 1-1/4" | 8-3/4" | 9" |
| 14 | 20 | 1-3/8" | 9-1/4" | 9-1/2" |
| 16 | 20 | 1-1/2" | 10" | 10-1/4" |
| 18 | 20 | 1-5/8" | 10-3/4" | 11" |
| 20 | 24 | 1-5/8" | 11-1/2" | 11-3/4" |
| 24 | 24 | 1-7/8" | 13" | 13-1/2" |

SERIES 900 FLANGE

| PIPE SIZE | STUD QTY | DIAMETER | LNG (RF/FF) | LNG (RTJ) |
|-----------|----------|----------|-------------|-----------|
| 1 | 4 | 7/8" | 5" | 5" |
| 1.5 | 4 | 1" | 5-1/2" | 5-1/2" |
| 2 | 8 | 7/8" | 5-3/4" | 6" |
| 3 | 8 | 7/8" | 5-3/4" | 6" |
| 4 | 8 | 1-1/8" | 6-3/4" | 7" |
| 6 | 12 | 1-1/8" | 7-3/4" | 8" |
| 8 | 12 | 1-3/8" | 8-3/4" | 9" |
| 10 | 16 | 1-3/8" | 9-1/4" | 9-1/2" |
| 12 | 20 | 1-3/8" | 10" | 10-1/2" |
| 14 | 20 | 1-1/2" | 10-3/4" | 11-1/2" |
| 16 | 20 | 1-5/8" | 11-1/4" | 12" |
| 18 | 20 | 1-7/8" | 13" | 13-1/2" |
| 20 | 20 | 2" | 13 3/4" | 14-1/4" |
| 24 | 20 | 2-1/2" | 17-1/4" | 18" |