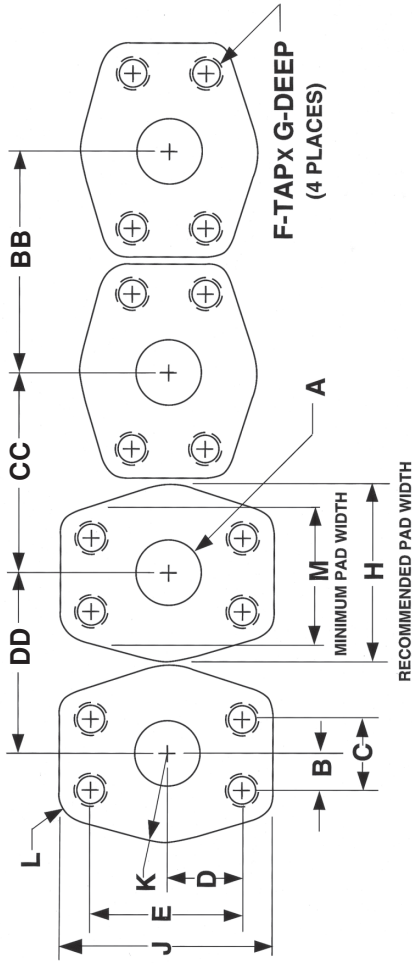


SAE 4 BOLT FLANGE PORT DIMENSIONS



CODE 61

| SIZE CODE | MAX PRESS | A | B | C | D | E | F | G | H | J | K | L | M | DD | CC | BB |
|-----------|-----------|----------|-------|-------|-------|-------|---------|------|------|------|------|-----|------|------|------|------|
| | | DIA. MAX | ±.01 | ±.01 | ±.01 | ±.01 | UNC-2B | MIN | ±.01 | ±.03 | RAD | RAD | MIN | MIN | MIN | MIN |
| 08 | 5000 | .50 | .344 | .688 | .750 | 1.500 | 5/16-18 | .94 | 1.81 | 2.12 | .91 | .31 | 1.31 | 1.91 | 2.06 | 2.22 |
| 12 | 5000 | .75 | .438 | .875 | .938 | 1.875 | 3/8-16 | .88 | 2.06 | 2.56 | 1.03 | .34 | 1.62 | 2.16 | 2.41 | 2.66 |
| 16 | 5000 | 1.00 | .515 | 1.031 | 1.031 | 2.062 | 3/8-16 | .88 | 2.31 | 2.75 | 1.16 | .34 | 1.88 | 2.41 | 2.62 | 2.84 |
| 20 | 4000 | 1.25 | .594 | 1.188 | 1.156 | 2.312 | 7/16-14 | 1.12 | 2.88 | 3.12 | 1.44 | .41 | 2.12 | 2.97 | 3.09 | 3.22 |
| 24 | 3000 | 1.50 | .703 | 1.406 | 1.375 | 2.750 | 1/2-13 | 1.06 | 3.25 | 3.69 | 1.62 | .47 | 2.50 | 3.34 | 3.56 | 3.78 |
| 32 | 3000 | 2.00 | .844 | 1.688 | 1.531 | 3.062 | 1/2-13 | 1.06 | 3.81 | 4.00 | 1.91 | .47 | 3.00 | 3.91 | 4.00 | 4.09 |
| 40 | 2500 | 2.50 | 1.000 | 2.000 | 1.750 | 3.500 | 1/2-13 | 1.19 | 4.28 | 4.50 | 2.14 | .50 | 3.50 | 4.38 | 4.50 | 4.59 |
| 48 | 2000 | 3.00 | 1.219 | 2.438 | 2.094 | 4.188 | 5/8-11 | 1.19 | 5.16 | 5.31 | 2.58 | .56 | 4.19 | 5.25 | 5.34 | 5.41 |
| 56 | 500 | 3.50 | 1.375 | 2.750 | 2.375 | 4.750 | 5/8-11 | 1.31 | 5.50 | 6.00 | 2.75 | .62 | 4.69 | 5.59 | 5.84 | 6.09 |
| 64 | 500 | 4.00 | 1.531 | 3.062 | 2.562 | 5.125 | 5/8-11 | 1.19 | 6.00 | 6.38 | 3.00 | .62 | 5.19 | 6.09 | 6.28 | 6.47 |
| 80 | 500 | 5.00 | 1.812 | 3.625 | 3.000 | 6.000 | 5/8-11 | 1.31 | 7.12 | 7.25 | 3.56 | .62 | 6.19 | 7.22 | 7.28 | 7.34 |

CODE 62

| | | | | | | | | | | | | | | | | |
|-----|------|------|-------|-------|-------|-------|---------|------|------|------|------|------|------|------|------|------|
| 08 | 6000 | .50 | .359 | .718 | .797 | 1.594 | 5/16-18 | .81 | 1.88 | 2.22 | .94 | .31 | 1.50 | 2.09 | 2.22 | 2.34 |
| 12 | 6000 | .75 | .469 | .937 | 1.000 | 2.000 | 3/8-16 | .94 | 2.38 | 2.81 | 1.19 | .41 | 1.88 | 2.59 | 2.75 | 2.94 |
| 16 | 6000 | 1.00 | .547 | 1.093 | 1.125 | 2.250 | 7/16-14 | 1.06 | 2.75 | 3.19 | 1.38 | .47 | 2.12 | 2.97 | 3.16 | 3.31 |
| 20 | 6000 | 1.25 | .625 | 1.250 | 1.312 | 2.625 | 1/2-13 | 1.00 | 3.06 | 3.75 | 1.53 | .56 | 2.38 | 3.25 | 3.56 | 3.88 |
| 24 | 6000 | 1.50 | .719 | 1.437 | 1.562 | 3.125 | 5/8-11 | 1.38 | 3.75 | 4.44 | 1.88 | .66 | 2.75 | 3.97 | 4.25 | 4.56 |
| 32 | 6000 | 2.00 | .875 | 1.750 | 1.906 | 3.812 | 3/4-10 | 1.50 | 4.50 | 5.25 | 2.25 | .72 | 3.38 | 4.72 | 5.03 | 5.38 |
| 40* | 6000 | 2.50 | 1.156 | 2.312 | 2.437 | 4.875 | 7/8-9 | 1.81 | 5.87 | 6.87 | 2.94 | 1.00 | 4.38 | 6.09 | 6.54 | 7.00 |
| 48* | 6000 | 3.00 | 1.406 | 2.812 | 3.000 | 6.000 | 1 1/8-7 | 2.31 | 7.00 | 8.50 | 3.50 | 1.25 | 5.38 | 7.22 | 7.92 | 8.62 |

*INDUSTRY STANDARD, NOT AN SAE STANDARD