

AS 2129 TABLE FLANGES

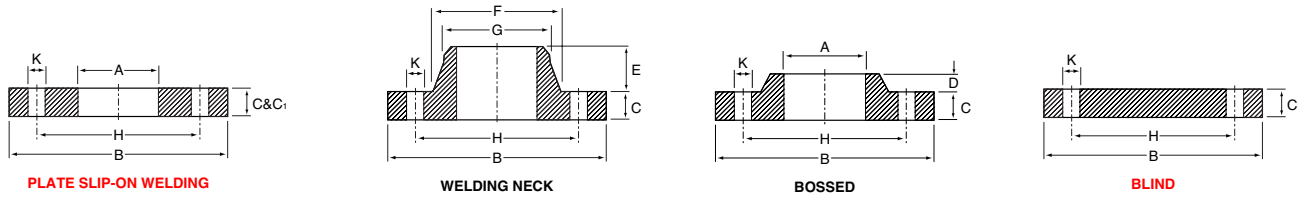


TABLE D

| NOMINAL PIPE SIZE | | BORE | OUTSIDE DIAMETER OF FLANGE | THICKNESS COPPER ALLOY | THICKNESS PLATE OR FORGED STEEL | LENGTH THROUGH HUB | | DRILLING DATA | | | NOMINAL PIPE SIZE | | | |
|-------------------|---------|---|----------------------------|------------------------|---------------------------------|--------------------|------------------------------|-------------------------------|-------------------------------|----------------------|-------------------|-----|-----------------|-------------------|
| | | | | | | LENGTH OF BOSS | TOTAL LENGTH OF WELDING NECK | DIAMETER AT LARGE END OF NECK | DIAMETER AT SMALL END OF NECK | BOLT CIRCLE DIAMETER | | | NUMBER OF HOLES | DIAMETER OF HOLES |
| Metric | (ins) | A | B | C1 | C | D | E | F | G | H | J | K | Metric | (ins) |
| 15 | (1/2) | BORE OF FLANGES TO SUIT EITHER PIPE OR TUBE OD- REFER PIPE/TUBE DIMENSIONS PAGES 32/33 | 95 | 6 | 5* | 10 | 22 | 27 | 22 | 67 | 4 | 14 | 15 | (1/2) |
| 20 | (3/4) | | 100 | 6 | 5* | 11 | 22 | 33 | 27 | 73 | 4 | 14 | 20 | (3/4) |
| 25 | (1) | | 115 | 8 | 5* | 11 | 22 | 43 | 34 | 83 | 4 | 14 | 25 | (1) |
| 32 | (1-1/4) | | 120 | 8 | 6* | 11 | 25 | 49 | 43 | 87 | 4 | 14 | 32 | (1-1/4) |
| 40 | (1-1/2) | | 135 | 10 | 6* | 13 | 29 | 59 | 49 | 98 | 4 | 14 | 40 | (1-1/2) |
| 50 | (2) | | 150 | 10 | 8* | 13 | 29 | 70 | 61 | 114 | 4 | 18 | 50 | (2) |
| 65 | (2-1/2) | | 165 | 11 | 8* | 16 | 32 | 83 | 76 | 127 | 4 | 18 | 65 | (2-1/2) |
| 80 | (3) | | 185 | 13 | 10* | 16 | 35 | 102 | 89 | 146 | 4 | 18 | 80 | (3) |
| 100 | (4) | | 215 | 16 | 10* | 19 | 41 | 130 | 115 | 178 | 4 | 18 | 100 | (4) |
| 125 | (5) | | 255 | 17 | 13 | 19 | 44 | 152 | 142 | 210 | 8 | 18 | 125 | (5) |
| 150 | (6) | | 280 | 17 | 13 | 19 | 48 | 184 | 169 | 235 | 8 | 18 | 150 | (6) |
| 200 | (8) | | 335 | 19 | 13 | 22 | 51 | 241 | 220 | 292 | 8 | 18 | 200 | (8) |
| 250 | (10) | | 405 | 19 | 16 | 27 | 64 | 292 | 274 | 356 | 8 | 22 | 250 | (10) |
| 300 | (12) | | 455 | 22 | 19 | 29 | 70 | 343 | 324 | 406 | 12 | 22 | 300 | (12) |
| 350 | (14) | | 525 | 25 | 22 | - | 73 | 387 | 356 | 470 | 12 | 26 | 350 | (14) |
| 400 | (16) | | 580 | 25 | 22 | - | - | - | - | 521 | 12 | 26 | 400 | (16) |
| 450 | (18) | 640 | 29 | 25 | - | - | - | - | 584 | 12 | 26 | 450 | (18) | |
| 500 | (20) | 705 | 32 | 29 | - | - | - | - | 641 | 16 | 26 | 500 | (20) | |
| 600 | (24) | 825 | 35 | 32 | - | - | - | - | 756 | 16 | 30 | 600 | (24) | |

*Plate flanges less than 12mm thickness may suffer unacceptable distortion after welding to pipe.

TABLE E

| NOMINAL PIPE SIZE | | BORE | OUTSIDE DIAMETER OF FLANGE | THICKNESS COPPER ALLOY | THICKNESS PLATE OR FORGED STEEL | LENGTH THROUGH HUB | | DRILLING DATA | | | NOMINAL PIPE SIZE | | | |
|-------------------|---------|---|----------------------------|------------------------|---------------------------------|--------------------|------------------------------|-------------------------------|-------------------------------|----------------------|-------------------|-----|-----------------|-------------------|
| | | | | | | LENGTH OF BOSS | TOTAL LENGTH OF WELDING NECK | DIAMETER AT LARGE END OF NECK | DIAMETER AT SMALL END OF NECK | BOLT CIRCLE DIAMETER | | | NUMBER OF HOLES | DIAMETER OF HOLES |
| Metric | (ins) | A | B | C1 | C | D | E | F | G | H | J | K | Metric | (ins) |
| 15 | (1/2) | BORE OF FLANGES TO SUIT EITHER PIPE OR TUBE OD- REFER PIPE/TUBE DIMENSIONS PAGES 32/33 | 95 | 6 | 6* | 10 | 22 | 27 | 22 | 67 | 4 | 14 | 15 | (1/2) |
| 20 | (3/4) | | 100 | 6 | 6* | 11 | 22 | 33 | 27 | 73 | 4 | 14 | 20 | (3/4) |
| 25 | (1) | | 115 | 8 | 7* | 11 | 22 | 43 | 34 | 83 | 4 | 14 | 25 | (1) |
| 32 | (1-1/4) | | 120 | 8 | 8* | 11 | 25 | 49 | 43 | 87 | 4 | 14 | 32 | (1-1/4) |
| 40 | (1-1/2) | | 135 | 10 | 9* | 13 | 29 | 59 | 49 | 98 | 4 | 14 | 40 | (1-1/2) |
| 50 | (2) | | 150 | 10 | 10* | 13 | 29 | 70 | 61 | 114 | 4 | 18 | 50 | (2) |
| 65 | (2-1/2) | | 165 | 11 | 10* | 16 | 32 | 83 | 76 | 127 | 4 | 18 | 65 | (2-1/2) |
| 80 | (3) | | 185 | 13 | 11* | 16 | 35 | 102 | 89 | 146 | 4 | 18 | 80 | (3) |
| 100 | (4) | | 215 | 16 | 13 | 19 | 41 | 130 | 115 | 178 | 8 | 18 | 100 | (4) |
| 125 | (5) | | 255 | 17 | 14 | 19 | 44 | 152 | 142 | 210 | 8 | 18 | 125 | (5) |
| 150 | (6) | | 280 | 17 | 17 | 19 | 48 | 184 | 169 | 235 | 8 | 22 | 150 | (6) |
| 200 | (8) | | 335 | 19 | 19 | 22 | 51 | 241 | 220 | 292 | 8 | 22 | 200 | (8) |
| 250 | (10) | | 405 | 22 | 22 | 27 | 64 | 292 | 274 | 356 | 12 | 22 | 250 | (10) |
| 300 | (12) | | 455 | 25 | 25 | 29 | 70 | 343 | 324 | 406 | 12 | 26 | 300 | (12) |
| 350 | (14) | | 525 | 25 | 29 | - | 73 | 387 | 356 | 470 | 12 | 26 | 350 | (14) |
| 400 | (16) | | 580 | 25 | 32 | - | - | - | - | 521 | 12 | 26 | 400 | (16) |
| 450 | (18) | 640 | 29 | 35 | - | - | - | - | 584 | 16 | 26 | 450 | (18) | |
| 500 | (20) | 705 | 35 | 38 | - | - | - | - | 641 | 16 | 26 | 500 | (20) | |
| 600 | (24) | 825 | 38 | 48 | - | - | - | - | 756 | 16 | 33 | 600 | (24) | |

*Plate flanges less than 12mm thickness may suffer unacceptable distortion after welding to pipe.