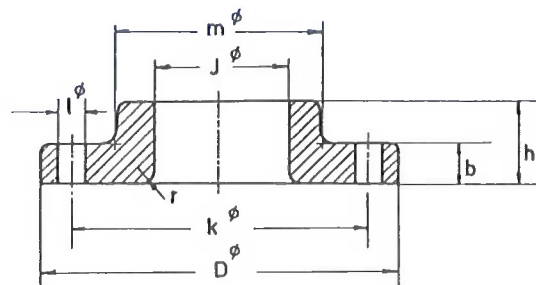


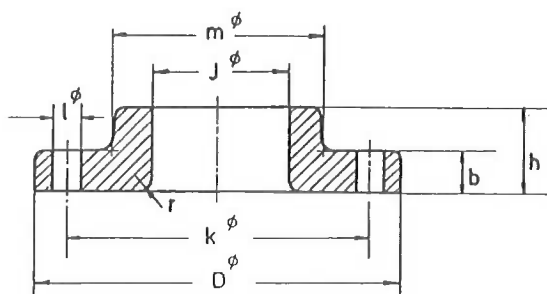
## BRIDAS LAP JOINT LAP JOINT FLANGES 150 Lb.



ASME B 16.5 - 1996

| Diámetro nominal<br>Nominal pipe size | Brida Flange       |                    |                    |                    |                    | Cuello Hub<br>m<br>mm.<br>inches | Taladros Drilling template |                    |                    | Peso aprox.<br>Approx. weight<br>Kg.<br>Pounds |
|---------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------------------------|----------------------------|--------------------|--------------------|------------------------------------------------|
|                                       | D<br>mm.<br>inches | J<br>mm.<br>inches | b<br>mm.<br>inches | h<br>mm.<br>inches | r<br>mm.<br>inches |                                  | Número<br>Number           | l<br>mm.<br>inches | K<br>mm.<br>inches |                                                |
| 1/2"                                  | 88,9<br>3 1/2      | 22,9<br>0.90       | 11,1<br>7/16       | 15,9<br>5/8        | 3,2<br>1/8         | 30,2<br>1 3/16                   | 4                          | 15,9<br>5/8        | 60,3<br>2 3/8      | 0,5<br>1                                       |
| 3/4"                                  | 98,4<br>3 7/8      | 28,2<br>1.11       | 12,7<br>1/2        | 15,9<br>5/8        | 3,2<br>1/8         | 38,1<br>1 1/2                    | 4                          | 15,9<br>5/8        | 69,8<br>2 3/4      | 0,9<br>2                                       |
| 1"                                    | 107,9<br>4 1/4     | 35,05<br>1.38      | 14,3<br>9/16       | 17,5<br>11/16      | 3,2<br>1/8         | 49,2<br>1 15/16                  | 4                          | 15,9<br>5/8        | 79,4<br>3 1/8      | 0,9<br>2                                       |
| 1 1/4"                                | 117,5<br>4 5/8     | 43,7<br>1.72       | 15,9<br>5/8        | 20,6<br>13/16      | 4,8<br>3/16        | 58,7<br>2 5/16                   | 4                          | 15,9<br>5/8        | 88,9<br>3 1/2      | 1,4<br>3                                       |
| 1 1/2"                                | 127,0<br>5         | 50,0<br>1.97       | 17,5<br>11/16      | 22,2<br>7/8        | 6,35<br>1/4        | 65,1<br>2 9/16                   | 4                          | 15,9<br>5/8        | 98,4<br>3 7/8      | 1,4<br>3                                       |
| 2"                                    | 152,4<br>6         | 62,5<br>2.46       | 19,1<br>3/4        | 25,4<br>1          | 7,9<br>5/16        | 77,8<br>3 1/16                   | 4                          | 19,0<br>3/4        | 120,6<br>4 3/4     | 2,3<br>5                                       |
| 2 1/2"                                | 177,8<br>7         | 75,4<br>2.97       | 22,2<br>7/8        | 28,6<br>1 1/8      | 7,9<br>5/16        | 90,5<br>3 9/16                   | 4                          | 19,0<br>3/4        | 139,7<br>5 1/2     | 3,2<br>7                                       |
| 3"                                    | 190,5<br>7 1/2     | 91,4<br>3.60       | 23,8<br>15/16      | 30,2<br>1 3/16     | 9,5<br>3/8         | 107,9<br>4 1/4                   | 4                          | 19,0<br>3/4        | 152,4<br>6         | 3,6<br>8                                       |
| 3 1/2"                                | 215,9<br>8 1/2     | 104,1<br>4.10      | 23,8<br>15/16      | 31,7<br>1 1/4      | 9,5<br>3/8         | 122,2<br>4 13/16                 | 8                          | 19,0<br>3/4        | 177,8<br>7         | 5<br>11                                        |
| 4"                                    | 228,6<br>9         | 116,8<br>4.60      | 23,8<br>15/16      | 33,3<br>1 5/16     | 11,1<br>7/16       | 134,9<br>5 5/16                  | 8                          | 19,0<br>3/4        | 190,5<br>7 1/2     | 5,9<br>13                                      |
| 5"                                    | 254<br>10          | 144,5<br>5.69      | 23,8<br>15/16      | 36,5<br>1 7/16     | 11,1<br>7/16       | 163,5<br>6 7/16                  | 8                          | 22,2<br>7/8        | 215,9<br>8 1/2     | 6,8<br>15                                      |
| 6"                                    | 279,4<br>11        | 171,45<br>6.75     | 25,4<br>1          | 39,7<br>1 9/16     | 12,7<br>1/2        | 192,1<br>7 9/16                  | 8                          | 22,2<br>7/8        | 241,3<br>9 1/2     | 8,6<br>19                                      |
| 8"                                    | 342,9<br>13 1/2    | 222,25<br>8.75     | 28,6<br>1 1/8      | 44,4<br>1 3/4      | 12,7<br>1/2        | 246,1<br>9 11/16                 | 8                          | 22,2<br>7/8        | 298,4<br>11 3/4    | 13,6<br>30                                     |
| 10"                                   | 406,4<br>16        | 277,4<br>10.92     | 30,2<br>1 3/16     | 49,2<br>1 15/16    | 12,7<br>1/2        | 304,8<br>12                      | 12                         | 25,4<br>1          | 361,9<br>14 1/4    | 19,5<br>43                                     |
| 12"                                   | 482,6<br>19        | 328,2<br>12.92     | 31,8<br>1 1/4      | 55,6<br>2 3/16     | 12,7<br>1/2        | 365,1<br>14 3/8                  | 12                         | 25,4<br>1          | 431,8<br>17        | 29<br>64                                       |
| 14"                                   | 533,4<br>21        | 360,2<br>14.18     | 34,9<br>1 3/8      | 79,4<br>3 1/8      | 12,7<br>1/2        | 400,0<br>15 3/4                  | 12                         | 28,6<br>1 1/8      | 476,2<br>18 3/4    | 47,6<br>105                                    |
| 16"                                   | 596,9<br>23 1/2    | 411,2<br>16.19     | 36,5<br>1 7/16     | 87,3<br>3 7/16     | 12,7<br>1/2        | 457,2<br>18                      | 16                         | 28,6<br>1 1/8      | 539,7<br>21 1/4    | 63,5<br>140                                    |
| 18"                                   | 635,0<br>25        | 462,3<br>18.20     | 39,7<br>1 9/16     | 96,8<br>3 13/16    | 12,7<br>1/2        | 504,8<br>19 7/8                  | 16                         | 31,7<br>1 1/4      | 577,8<br>22 3/4    | 72,6<br>160                                    |
| 20"                                   | 698,5<br>27 1/2    | 514,35<br>20.25    | 42,9<br>1 11/16    | 103,2<br>4 1/16    | 12,7<br>1/2        | 558,8<br>22                      | 20                         | 31,7<br>1 1/4      | 635,0<br>25        | 88,5<br>195                                    |
| 22"                                   | 749,3<br>29 1/2    | 565,2<br>22.25     | 46<br>1 13/16      | 108<br>4 1/4       | 12,7<br>1/2        | 616<br>24 1/4                    | 20                         | 34,9<br>1 3/8      | 692,1<br>27 1/4    | 111,2<br>245                                   |
| 24"                                   | 812,8<br>32        | 615,95<br>24.25    | 47,6<br>1 7/8      | 111,1<br>4 3/8     | 12,7<br>1/2        | 663,6<br>26 1/8                  | 20                         | 34,9<br>1 3/8      | 749,3<br>29 1/2    | 125<br>275                                     |

## BRIDAS LAP JOINT LAP JOINT FLANGES 300 Lb.



ASME B 16.5 - 1996

| Diámetro nominal<br>Nominal pipe size | Brida Flange       |                    |                    |                    |                    | Cuello Hub<br>m<br>mm.<br>inches | Taladros Drilling template |                    |                    | Peso aprox.<br>Approx. weight<br>Kg.<br>Pounds |
|---------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------------------------|----------------------------|--------------------|--------------------|------------------------------------------------|
|                                       | D<br>mm.<br>inches | J<br>mm.<br>inches | b<br>mm.<br>inches | h<br>mm.<br>inches | r<br>mm.<br>inches |                                  | Número<br>Number           | I<br>mm.<br>inches | K<br>mm.<br>inches |                                                |
| 1/2"                                  | 95,2<br>3 3/4      | 22,9<br>0.90       | 14,3<br>9/16       | 22,2<br>7/8        | 3,2<br>1/8         | 38,1<br>1 1/2                    | 4                          | 15,9<br>5/8        | 66,7<br>2 5/8      | 0,9<br>2                                       |
| 3/4"                                  | 117,5<br>4 5/8     | 28,2<br>1.11       | 15,9<br>5/8        | 25,4<br>1          | 3,2<br>1/8         | 47,6<br>1 7/8                    | 4                          | 19,0<br>3/4        | 82,5<br>3 1/4      | 1,4<br>2.4                                     |
| 1"                                    | 123,8<br>4 7/8     | 35,05<br>1.38      | 17,5<br>1 1/16     | 27,0<br>1 1/16     | 3,2<br>1/8         | 54,0<br>2 1/8                    | 4                          | 19,0<br>3/4        | 88,9<br>3 1/2      | 2,4<br>3                                       |
| 1 1/4"                                | 133,3<br>5 1/4     | 43,7<br>1.72       | 19,0<br>3/4        | 27,0<br>1 1/16     | 4,8<br>3/16        | 63,5<br>2 1/2                    | 4                          | 19,0<br>3/4        | 98,4<br>3 7/8      | 1,8<br>4                                       |
| 1 1/2"                                | 155,6<br>6 1/8     | 50,0<br>1.97       | 20,6<br>13/16      | 30,2<br>1 3/16     | 6,35<br>1/4        | 69,8<br>2 3/4                    | 4                          | 22,2<br>7/8        | 114,3<br>4 1/2     | 2,7<br>6                                       |
| 2"                                    | 165,1<br>6 1/2     | 62,5<br>2.46       | 22,2<br>7/8        | 33,3<br>1 5/16     | 7,9<br>5/16        | 84,1<br>3 5/16                   | 8                          | 19,0<br>3/4        | 127,0<br>5         | 3,2<br>7                                       |
| 2 1/2"                                | 190,5<br>7 1/2     | 75,4<br>2.97       | 25,4<br>1          | 38,1<br>1 1/2      | 7,9<br>5/16        | 100,0<br>3 15/16                 | 8                          | 22,2<br>7/8        | 149,2<br>5 7/8     | 4,5<br>10                                      |
| 3"                                    | 209,5<br>8 1/4     | 91,4<br>3.60       | 28,6<br>1 1/8      | 42,9<br>1 11/16    | 9,5<br>3/8         | 117,5<br>4 5/8                   | 8                          | 22,2<br>7/8        | 168,3<br>6 5/8     | 5,9<br>13                                      |
| 3 1/2"                                | 228,5<br>9         | 104,1<br>4.10      | 30,2<br>1 3/16     | 44,4<br>1 3/4      | 9,5<br>3/8         | 133,4<br>5 1/4                   | 8                          | 22,2<br>7/8        | 184,1<br>7 1/4     | 7,7<br>17                                      |
| 4"                                    | 254,0<br>10        | 116,8<br>4.60      | 31,8<br>1 1/4      | 47,6<br>1 7/8      | 11,1<br>7/16       | 146,0<br>5 3/4                   | 8                          | 22,2<br>7/8        | 200,0<br>7 7/8     | 10<br>22                                       |
| 5"                                    | 279,4<br>11        | 144,5<br>5.69      | 34,9<br>1 3/8      | 50,8<br>2          | 11,1<br>7/16       | 177,8<br>7                       | 8                          | 22,2<br>7/8        | 234,9<br>9 1/4     | 12,7<br>28                                     |
| 6"                                    | 317,5<br>12 1/2    | 171,45<br>6.75     | 36,5<br>1 7/16     | 52,4<br>2 1/16     | 12,7<br>1/2        | 206,4<br>8 1/8                   | 12                         | 22,2<br>7/8        | 269,9<br>10 5/8    | 17,7<br>39                                     |
| 8"                                    | 381,0<br>15        | 222,25<br>8.75     | 41,3<br>1 5/8      | 61,9<br>2 7/16     | 12,7<br>1/2        | 260,3<br>10 1/4                  | 12                         | 25,4<br>1          | 330,2<br>13        | 26,3<br>58                                     |
| 10"                                   | 444,5<br>17 1/2    | 277,4<br>10.92     | 47,6<br>1 7/8      | 95,2<br>3 3/4      | 12,7<br>1/2        | 320,7<br>12 5/8                  | 16                         | 28,6<br>1 1/8      | 387,3<br>15 1/4    | 41,3<br>91                                     |
| 12"                                   | 520,7<br>20 1/2    | 328,2<br>12.92     | 50,8<br>2          | 101,6<br>4         | 12,7<br>1/2        | 374,6<br>14 3/4                  | 16                         | 31,7<br>1 1/4      | 450,8<br>17 3/4    | 63,5<br>140                                    |
| 14"                                   | 584,2<br>23        | 360,2<br>14.18     | 54,0<br>2 1/8      | 111,1<br>4 3/8     | 12,7<br>1/2        | 425,4<br>16 3/4                  | 20                         | 31,7<br>1 1/4      | 514,3<br>20 1/4    | 86,2<br>190                                    |
| 16"                                   | 647,7<br>25 1/2    | 411,2<br>16.19     | 57,2<br>2 1/4      | 120,65<br>4 3/4    | 12,7<br>1/2        | 482,6<br>19                      | 20                         | 34,9<br>1 3/8      | 571,5<br>22 1/2    | 113<br>250                                     |
| 18"                                   | 711,2<br>28        | 462,3<br>18.20     | 60,3<br>2 3/8      | 130,2<br>5 1/8     | 12,7<br>1/2        | 533,4<br>21                      | 24                         | 34,9<br>1 3/8      | 628,5<br>24 3/4    | 134<br>295                                     |
| 20"                                   | 774,7<br>30 1/2    | 514,35<br>20.25    | 63,5<br>2 1/2      | 139,7<br>5 1/2     | 12,7<br>1/2        | 587,4<br>23 1/8                  | 24                         | 34,9<br>1 3/8      | 685,8<br>27        | 168<br>370                                     |
| 22"                                   | 838,2<br>33        | 565,2<br>22.25     | 66,7<br>2 5/8      | 146<br>5 3/4       | 12,7<br>1/2        | 641,2<br>25 1/4                  | 24                         | 41,3<br>1 5/8      | 742,9<br>29 1/4    | 197<br>435                                     |
| 24"                                   | 914,4<br>36        | 615,95<br>24.25    | 69,8<br>2 3/4      | 152,4<br>6         | 12,7<br>1/2        | 701,7<br>27 5/8                  | 24                         | 41,3<br>1 5/8      | 812,8<br>32        | 249<br>550                                     |