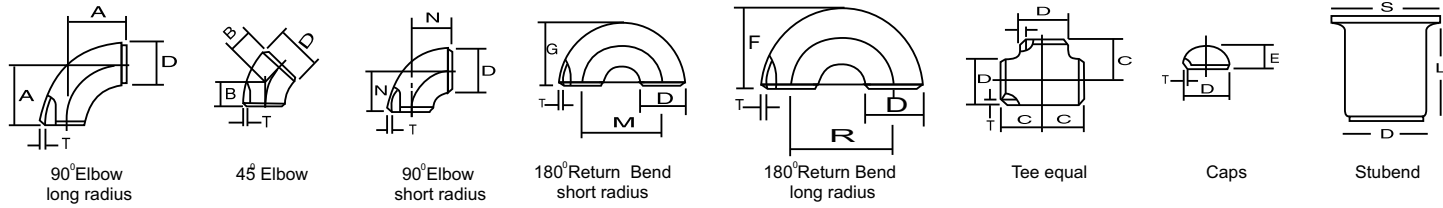


# UTTAM STEEL

## BUTTWELDING PIPE FITTING DIMENSIONAL STANDARD ANSI B-16.9 / 16.28 / MSS SP-43



| Nominal Pipe Size |      | Outside Diameter<br>D | Center to Face |     |     |      | Back to Face |      |     | Center to Center |      |       | Length 'L' |             |
|-------------------|------|-----------------------|----------------|-----|-----|------|--------------|------|-----|------------------|------|-------|------------|-------------|
| Inch.             | mm   |                       | A              | B   | C   | N    | E            | F    | G   | R                | M    | S     | MSS SP43   | ANSI B 16.9 |
| 1/2               | 15   | 21.3                  | 38             | 16  | 25  | —    | 25           | 48   | —   | 76               | —    | 34.9  | 50.8       | 76.2        |
| 3/4               | 20   | 26.7                  | 29             | 11  | 29  | —    | 25           | 43   | —   | 57               | —    | 42.8  | 50.8       | 76.2        |
| 1                 | 25   | 33.4                  | 38             | 22  | 38  | 25   | 38           | 56   | 41  | 76               | 51   | 50.8  | 50.8       | 101.6       |
| 1 1/4             | 32   | 42.2                  | 48             | 25  | 48  | 32   | 38           | 70   | 52  | 95               | 64   | 63.5  | 50.8       | 101.6       |
| 1 1/2             | 40   | 48.3                  | 57             | 29  | 57  | 38   | 38           | 83   | 62  | 114              | 76   | 73.0  | 50.8       | 101.6       |
| 2                 | 50   | 60.3                  | 76             | 35  | 64  | 51   | 38           | 106  | 81  | 152              | 102  | 92.0  | 63.5       | 152.4       |
| 2 1/2             | 65   | 73.0                  | 95             | 44  | 76  | 64   | 38           | 132  | 100 | 191              | 127  | 104.8 | 63.5       | 152.4       |
| 3                 | 80   | 88.9                  | 114            | 51  | 86  | 76   | 51           | 159  | 121 | 229              | 152  | 127.0 | 63.5       | 152.4       |
| 3 1/2             | 90   | 101.6                 | 133            | 57  | 95  | 89   | 64           | 184  | 140 | 267              | 178  | 139.7 | 76.2       | 152.4       |
| 4                 | 100  | 114.3                 | 152            | 64  | 105 | 102  | 64           | 210  | 159 | 305              | 203  | 157.2 | 76.2       | 152.4       |
| 5                 | 125  | 141.3                 | 190            | 79  | 124 | 127  | 76           | 262  | 197 | 381              | 254  | 185.7 | 76.2       | 203.2       |
| 6                 | 150  | 168.3                 | 229            | 95  | 143 | 152  | 89           | 313  | 237 | 457              | 305  | 215.9 | 88.9       | 203.2       |
| 8                 | 200  | 219.1                 | 305            | 127 | 178 | 203  | 102          | 414  | 313 | 610              | 406  | 270.0 | 101.6      | 203.2       |
| 10                | 250  | 273.1                 | 381            | 159 | 216 | 254  | 127          | 518  | 391 | 762              | 508  | 324.0 | 127.0      | 254.0       |
| 12                | 300  | 323.9                 | 457            | 190 | 254 | 305  | 152          | 619  | 467 | 914              | 610  | 381.0 | 152.4      | 254.0       |
| 14                | 350  | 355.6                 | 533            | 222 | 279 | 356  | 165          | 711  | 533 | 1067             | 711  | 412.8 | 152.4      | 305.0       |
| 16                | 400  | 406.4                 | 610            | 254 | 305 | 406  | 178          | 813  | 610 | 1219             | 813  | 470.0 | 152.4      | 305.0       |
| 18                | 450  | 457.2                 | 686            | 286 | 343 | 457  | 203          | 914  | 686 | 1372             | 914  | 533.4 | 152.4      | 305.0       |
| 20                | 500  | 508.0                 | 762            | 318 | 381 | 508  | 229          | 1016 | 762 | 1524             | 1016 | 584.2 | 152.4      | 305.0       |
| 22                | 550  | 559.0                 | 838            | 343 | 419 | 559  | 254          | 1118 | 838 | 1676             | 1118 | 614.4 | 152.4      | 305.0       |
| 24                | 600  | 610.0                 | 914            | 381 | 432 | 610  | 267          | 1219 | 914 | 1829             | 1219 | 692.2 | 152.4      | 305.0       |
| 26                | 650  | 660.0                 | 991            | 406 | 495 | 660  | 267          | —    | —   | —                | —    | —     | —          | —           |
| 28                | 700  | 711.0                 | 1067           | 438 | 521 | 711  | 267          | —    | —   | —                | —    | —     | —          | —           |
| 30                | 750  | 762.0                 | 1143           | 470 | 559 | 762  | 267          | —    | —   | —                | —    | —     | —          | —           |
| 32                | 800  | 813.0                 | 1219           | 502 | 597 | 813  | 267          | —    | —   | —                | —    | —     | —          | —           |
| 34                | 850  | 864.0                 | 1295           | 533 | 635 | 864  | 267          | —    | —   | —                | —    | —     | —          | —           |
| 36                | 900  | 914.0                 | 1372           | 565 | 673 | 914  | 267          | —    | —   | —                | —    | —     | —          | —           |
| 38                | 950  | 965.0                 | 1448           | 600 | 711 | 965  | 305          | —    | —   | —                | —    | —     | —          | —           |
| 40                | 1000 | 1016.0                | 1524           | 632 | 749 | 1016 | 305          | —    | —   | —                | —    | —     | —          | —           |
| 42                | 1050 | 1067.0                | 1600           | 660 | 762 | 1067 | 305          | —    | —   | —                | —    | —     | —          | —           |
| 44                | 1100 | 1118.0                | 1676           | 695 | 813 | 1118 | 343          | —    | —   | —                | —    | —     | —          | —           |
| 46                | 1150 | 1168.0                | 1753           | 727 | 851 | 1168 | 343          | —    | —   | —                | —    | —     | —          | —           |
| 48                | 1200 | 1219.0                | 1829           | 759 | 889 | 1219 | 343          | —    | —   | —                | —    | —     | —          | —           |



100  
95  
75  
25  
5  
0