

















FITTING DIMENSION CHART

| SIZE |  SS / BR WIDTH OF COLLAR |  FITTING MALE NPT |  FITTING HEX MALE |  FITTING 150# PLATE FLG |  MSS TYPE "C" STUB END |  MSS TYPE "A" STUB END |  FITTING 150# SLIP-ON |  FITTING 300# SLIP-ON |  FITTING 150# WELD NECK |  FITTING 300# WELD NECK |  FITTING S.R. 90 ELBOW |  FITTING L.R. 90 ELBOW |  FITTING L.R. 45 ELBOW |  FITTING FEMALE SWEAT |  FITTING COPPER HEX MALE |  FITTING 3000# UNION |
|--------|---|--|--|--|---|---|--|--|--|---|---|---|---|--|---|---|
| 1/4" | 3/8" | SEE | 3/4" | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 3/4" | 1" | 1-3/4" |
| 3/8" | 1/2" | CHART | 1-5/16" | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 7/8" | 1" | 1-7/8" |
| 1/2" | 1/2" | BELOW | 1-9/16" | N/A | 2" | 2" | 5/8" | 7/8" | 1-7/8" | 2-1/16" | N/A | 1-1/2" | 5/8" | 1-1/8" | 1-1/8" | 2" |
| 3/4" | 3/4" | SEE | 1-9/16" | N/A | 2" | 2" | 5/8" | 1" | 2-1/16" | 2-1/4" | N/A | 1-1/8" | 7/16" | 1-5/8" | 1-5/8" | 2-3/8" |
| 1" | 3/4" | CHART | 1-3/4" | 5/8" | 2" | 2" | 11/16" | 1-1/16" | 2-3/16" | 2-7/16" | 1" | 1-1/2" | 7/8" | 1-7/8" | 1-7/8" | 2-1/2" |
| 1-1/4" | 3/4"-1" | BELOW | 2-1/16" | 5/8" | 2" | 2" | 13/16" | 1-1/16" | 2-1/4" | 2-9/16" | 1-1/4" | 1-7/8" | 1" | 2-1/16" | 2" | 2-7/8" |
| 1-1/2" | 3/4"-1" | SEE | 2-1/16" | 5/8" | 2" | 2" | 7/8" | 1-3/16" | 2-7/16" | 2-11/16" | 1-1/2" | 2-1/4" | 1-1/8" | 2-5/16" | 2-1/8" | 3" |
| 2" | 3/4"-1" | CHART | N/A | 5/8" | 2-1/2" | 2-1/2" | 1" | 1-5/16" | 2-1/2" | 2-3/4" | 2" | 3" | 1-3/8" | 2-7/8" | 2-1/2" | 3-1/2" |
| 2-1/2" | 1" | 3" | N/A | 5/8" | 2-1/2" | 2-1/2" | 1-1/8" | 1-1/2" | 2-3/4" | 3" | 2-1/2" | 3-3/4" | 1-3/4" | 3-1/8" | 3-1/4" | 4-1/8" |
| 3" | 1" | 3" | N/A | 5/8" | 2-1/2" | 2-1/2" | 1-3/16" | 1-11/16" | 2-3/4" | 3-1/8" | 3" | 4-1/2" | 2" | 3-1/2" | 3-3/8" | 4-3/8" |
| 4" | 1" | 3" | N/A | 5/8" | 3" | 3" | 1-5/16" | 1-3/4" | 3" | 3-3/8" | 4" | 6" | 2-1/2" | 4-1/2"* | 3-1/2"* | N/A |
| 5" | 1" | 3" | N/A | 3/4" | 3" | 3" | 1-7/16" | 1-7/8" | 3-1/2" | 3-7/8" | 5" | 7-1/2" | 3-1/8" | N/A | N/A | N/A |
| 6" | 1" | 3" | N/A | 3/4" | 3-1/2" | 3-1/2" | 1-9/16" | 2" | 3-1/2" | 3-7/8" | 6" | 9" | 3-3/4" | N/A | N/A | N/A |
| 8" | 1" | 4" | N/A | 1" | 4" | 4" | 1-3/4" | 2-1/6" | 4" | 4-3/8" | 8" | 12" | 5" | N/A | N/A | N/A |
| 10" | 1" | N/A | N/A | 1" | 5" | 5" | 1-15/16" | 2-7/16" | 4" | 4-5/8" | 10" | 15" | 6-1/4" | N/A | N/A | N/A |
| 12" | 1" | N/A | N/A | 1" | 6" | 6" | 2-3/16" | 2-5/8" | 4-1/2" | 5-1/8" | 12" | 18" | 7-1/2" | N/A | N/A | N/A |
| 14" | 1" | N/A | N/A | 1" | 6" | 6" | 2-1/4" | 2-7/8" | 5" | 5-5/8" | 14" | 21" | 8-3/4" | N/A | N/A | N/A |
| 16" | 1" | N/A | N/A | 1" | 6" | 6" | 2-1/2" | 3" | 5" | 5-3/4" | 16" | 24" | 10" | N/A | N/A | N/A |