

# Deep Socket Weld Pipe

TEST POINT  
ADAPTERS

INLINE  
VALVES

BALL  
VALVES

QUICK  
COUPLINGS

WELD  
COUPLINGS

SUCTION  
AND RETURN

C/S  
FLANGES

S/S  
FLANGES

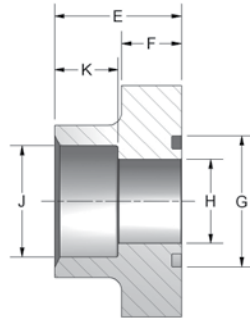


Figure 1

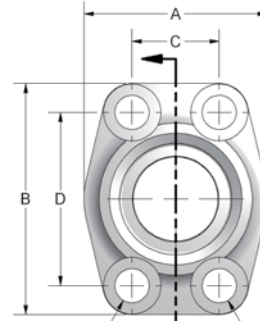


FIG. 1

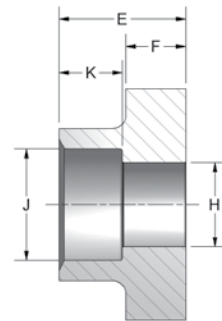


Figure 2

\*No Spotface

## CODE 61 DEEP SOCKET WELD - PIPE

| PART NO.<br>O-RING<br>FIG. 1 | PART NO.<br>FLAT FACE<br>FIG. 2 | PIPE<br>SIZE | PAD<br>SIZE | A    | B    | C     | D     | E    | F    | G     | H     | J     | K    | L    | M<br>UNC-2B | MOUNTING<br>HARDWARE |              |
|------------------------------|---------------------------------|--------------|-------------|------|------|-------|-------|------|------|-------|-------|-------|------|------|-------------|----------------------|--------------|
|                              |                                 |              |             |      |      |       |       |      |      |       |       |       |      |      |             | O-RING               | SHCS         |
| W31-8-8                      | W3-8-8                          | .50          | .50         | 1.81 | 2.13 | .688  | 1.500 | 1.42 | .63  | 1.000 | .502  | .855  | .75  | .344 | 5/16-18     | 210                  | 5/16-18X1.25 |
| W31-12-12                    | W3-12-12                        | .75          | .75         | 1.97 | 2.56 | .875  | 1.875 | 1.42 | .71  | 1.250 | .752  | 1.062 | .75  | .406 | 3/8-16      | 214                  | 3/8-16X1.50  |
| W31-16-16                    | W3-16-16                        | 1.00         | 1.00        | 2.17 | 2.75 | 1.031 | 2.062 | 1.50 | .71  | 1.560 | 1.002 | 1.328 | .75  | .406 | 3/8-16      | 219                  | 3/8-16X1.50  |
| W31-20-20                    | W3-20-20                        | 1.25         | 1.25        | 2.68 | 3.12 | 1.188 | 2.312 | 1.61 | .83  | 1.750 | 1.252 | 1.672 | .87  | .469 | 7/16-14     | 222                  | 7/16-14X1.75 |
| W31-24-24                    | W3-24-24                        | 1.50         | 1.50        | 3.07 | 3.66 | 1.406 | 2.750 | 1.77 | .98  | 2.115 | 1.502 | 1.922 | .94  | .531 | 1/2-13      | 225                  | 1/2-13X1.75  |
| W31-32-32                    | W3-32-32                        | 2.00         | 2.00        | 3.54 | 4.00 | 1.688 | 3.062 | 1.77 | .98  | 2.490 | 2.002 | 2.406 | 1.02 | .531 | 1/2-13      | 228                  | 1/2-13X1.75  |
| W31-40-40                    | W3-40-40                        | 2.50         | 2.50        | 4.09 | 4.49 | 2.000 | 3.500 | 1.97 | .98  | 2.995 | 2.502 | 2.908 | 1.18 | .531 | 1/2-13      | 232                  | 1/2-13X1.75  |
| W31-48-48                    | W3-48-48                        | 3.00         | 3.00        | 4.88 | 5.28 | 2.438 | 4.188 | 1.97 | 1.06 | 3.615 | 3.002 | 3.547 | 1.34 | .656 | 5/8-11      | 237                  | 5/8-11X2.00  |

## CODE 62 DEEP SOCKET WELD - PIPE

| PART NO.<br>O-RING<br>FIG. 1 | PART NO.<br>FLAT FACE<br>FIG. 2 | PIPE<br>SIZE | PAD<br>SIZE | A    | B    | C     | D     | E    | F    | G     | H     | J     | K    | L    | M<br>UNC-2B | MOUNTING<br>HARDWARE |              |
|------------------------------|---------------------------------|--------------|-------------|------|------|-------|-------|------|------|-------|-------|-------|------|------|-------------|----------------------|--------------|
|                              |                                 |              |             |      |      |       |       |      |      |       |       |       |      |      |             | O-RING               | SHCS         |
| W81-8-8                      | W80-8-8                         | .50          | .50         | 1.81 | 2.21 | .718  | 1.594 | 1.42 | .63  | 1.000 | .502  | .855  | .75  | .344 | 5/16-18     | 210                  | 5/16-18X1.25 |
| W81-12-12                    | W80-12-12                       | .75          | .75         | 2.17 | 2.80 | .937  | 2.000 | 1.38 | .83  | 1.250 | .752  | 1.062 | .87  | .406 | 3/8-16      | 214                  | 3/8-16X1.50  |
| W81-16-16                    | W80-16-16                       | 1.00         | 1.00        | 2.56 | 3.19 | 1.093 | 2.250 | 1.65 | .98  | 1.560 | 1.002 | 1.328 | .87  | .492 | 7/16-14     | 219                  | 7/16-14X1.75 |
| W81-20-20                    | W80-20-20                       | 1.25         | 1.25        | 3.07 | 3.75 | 1.250 | 2.625 | 1.77 | 1.06 | 1.750 | 1.252 | 1.672 | .98  | .531 | 1/2-13      | 222                  | 1/2-13X1.75  |
| W81-24-24                    | W80-24-24                       | 1.50         | 1.50        | 3.70 | 4.41 | 1.437 | 3.125 | 1.97 | 1.18 | 2.115 | 1.502 | 1.922 | 1.10 | .656 | 5/8-11      | 225                  | 5/8-11X2.25  |
| W81-32-32                    | W80-32-32                       | 2.00         | 2.00        | 4.50 | 5.28 | 1.750 | 3.812 | 2.56 | 1.46 | 2.490 | 2.002 | 2.406 | .94  | .781 | 3/4-10      | 228                  | 3/4-10X2.75  |

Mounting kit available on o-ring grooved flanges by simply adding suffix letter 'U' to part number.