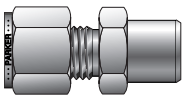
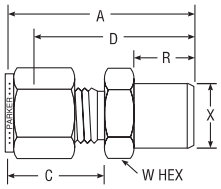
# Tube to Welded Systems

## Buttweld Connector

***For fractional tube***

• for CPI™/A-LOK® to pipe buttweld connection






| CPI™ PART NO. | A-LOK® PART NO. | INTER-CHANGES WITH | INCHES | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | TUBE O.D. | BUTTWELD PIPE SIZE | A | C | D | R | X BUTTWELD O.D. | W HEX |
| 2-1/8 ZHBW2 | 2-1/8 ZHLW2 | 200-1-2 W | 1/8 | 1/8 | 1.20 | 0.60 | 0.94 | .38 | .405 | 7/16 |
| 3-1/8 ZHBW2 | 3-1/8 ZHLW2 | 300-1-2 W | 3/16 | 1/8 | 1.24 | 0.64 | 0.97 | .38 | .405 | 7/16 |
| 4-1/8 ZHBW2 | 4-1/8 ZHLW2 | 400-1-2 W | 1/4 | 1/8 | 1.29 | 0.70 | 1.00 | .38 | .405 | 1/2 |
| 4-1/4 ZHBW2 | 4-1/4 ZHLW2 | 400-1-4 W | 1/4 | 1/4 | 1.46 | 0.70 | 1.17 | .56 | .540 | 9/16 |
| 5-1/8 ZHBW2 | 5-1/8 ZHLW2 | 500-1-2 W | 5/16 | 1/8 | 1.48 | 0.73 | 1.22 | .38 | .405 | 1/2 |
| 5-1/4 ZHBW2 | 5-1/4-ZHLW2 | 500-1-4-W | 5/16 | 1/4 | 1.49 | 0.76 | 1.23 | .56 | .540 | 9/16 |
| 6-1/4 ZHBW2 | 6-1/4 ZHLW2 | 600-1-4 W | 3/8 | 1/4 | 1.49 | 0.76 | 1.20 | .56 | .540 | 9/16 |
| 6-3/8 ZHBW2 | 6-3/8 ZHLW2 | 600-1-6 W | 3/8 | 3/8 | 1.60 | 0.76 | 1.31 | .56 | .675 | 3/4 |
| 6-1/2 ZHBW2 | 6-1/2 ZHLW2 | 600-1-8 W | 3/8 | 1/2 | 1.82 | 0.76 | 1.53 | .75 | .840 | 7/8 |
| 6-3/4 ZHBW2 | 6-3/4 ZHLW2 | 600-1-12 W | 3/8 | 3/4 | 1.88 | 0.76 | 1.59 | .75 | 1.050 | 1-1/8 |
| 8-3/8 ZHBW2 | 8-3/8 ZHLW2 | 810-1-6 W | 1/2 | 3/8 | 1.71 | 0.87 | 1.31 | .56 | .675 | 13/16 |
| 8-1/2 ZHBW2 | 8-1/2 ZHLW2 | 810-1-8 W | 1/2 | 1/2 | 1.93 | 0.87 | 1.53 | .75 | .840 | 7/8 |
| 8-3/4 ZHBW2 | 8-3/4 ZHLW2 | 810-1-12 W | 1/2 | 3/4 | 1.99 | 0.87 | 1.59 | .75 | 1.050 | 1-1/8 |
| 10-1/2 ZHBW2 | 10-1/2 ZHLW2 | 1010-1-8 W | 5/8 | 1/2 | 1.93 | 0.87 | 1.53 | .75 | .840 | 15/16 |
| 12-3/4 ZHBW2 | 12-3/4 ZHLW2 | 1210-1-12 W | 3/4 | 3/4 | 1.99 | 0.87 | 1.59 | .75 | 1.050 | 7/8 |
| 16-1 ZHBW2 | 16-1 ZHLW2 | 1610-1-16 W | 1 | 1 | 2.46 | 1.05 | 1.97 | .94 | 1.310 | 1-1/16 |

**NOTE:** A and C dimensions are typical finger-tight.

Dimensions for reference only, subject to change.

Pipe Buttweld end will conform to Schedule 80 unless otherwise noted.
See Catalog 4280, Welded Fittings, for additional sizes.



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