

## Metal Gasket Face Seal Fittings

Available in sizes from 1/16 to 1 in. and 6 mm to 25 mm.  
 CIR-LOK weld fittings materials include 316, 316L stainless steel.  
 CIR-LOK metal to metal seals providing leak-tight service from vacuum to positive pressure.  
 Female threads are silver plated to prevent galling.


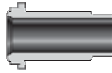
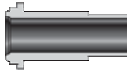
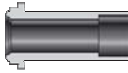
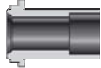



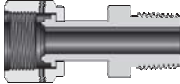
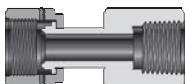

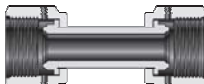


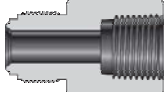







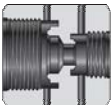
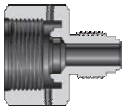
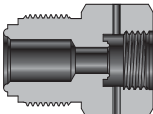







### Materials Standards

| Material                 | Bar Stock or Plate               | Forgings                         |
|--------------------------|----------------------------------|----------------------------------|
| 316 316L stainless steel | ASTM A276, ASME SA479, EN 1.4401 | ASTM A182, ASME SA182, EN 1.4401 |
| Gasket (nickel)          | ASTM B162                        | -                                |
| Gasket (copper)          | ASTM B152                        | -                                |
| Gasket (316L)            | ASTM A240                        | -                                |

### Working Temperature Ratings

| Material                 | Working Temperature Rating<br>°F (°C) |
|--------------------------|---------------------------------------|
| 316 316L stainless steel | -65 (-53) to 1000 (537)               |
| Gaskets (nickel)         | -65 (-53) to 600 (315)                |
| Gaskets (copper)         | -65 (-53) to 400 (204)                |
| Gaskets (316L)           | -65 (-53) to 400 (204)                |

Configuration

|   |  |  |   |
|---|--|--|---|
| <br>Gland to Short Tube Butt Weld              | <br>Gland to Tube Butt Weld           | <br>Gland to Fractional Tube Butt Weld | <br>Gland to Fractional Tube Socket Weld |
| <br>Gland to Short Fractional Tube Socket Weld | <br>Gland to Tube Port                | <br>Blind Gland                        | <br>Female Nut                           |
| <br>Welded Gland to Male NPT                   | <br>Welded Gland to Female NPT        | <br>Welded Gland to Tube Fitting       | <br>Welded Gland Union                   |
| <br>Male Nut                                  | <br>Body to Male NPT                 | <br>Body to Female NPT                | <br>Body to Tube Fitting                |
| <br>Body to Bulkhead Tube Fitting Union      | <br>Body to Bulkhead Male Connector | <br>Union Body                       | <br>Bulkhead Union Body                |
| <br>Body to Bulkhead Tube Butt Weld          | <br>Coupling                        | <br>Female Reducing Union            | <br>Reducing Adapter                   |
| <br>Reducing Bushing                         | <br>Body to Male NPT Elbow          | <br>Body Union Elbow                 | <br>Body Union Tee                     |
| <br>Body Union Cross                         | <br>Plug                            | <br>Cap                               | <br>Gasket                             |