

# ADAPTORS, PLUGS AND MANIFOLDS

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Parker Legris offers a wide range of adaptors and manifolds compatible with the various Parker Legris fitting systems. This range of products provides a complete solution covering numerous applications, both in non-corrosive and corrosive environments.

|                                    |                             |
|------------------------------------|-----------------------------|
| PART NUMBER:                       | 0168 21 13                  |
| O-RING MATERIAL:                   | TECHNICAL POLYMER           |
| PRODUCT TYPE:                      | Brass Adaptors              |
| SHAPE:                             | Brass reducer male / female |
| BODY MATERIAL:                     | BRASS                       |
| CONNECTION 1 THREAD STYLE:         | BSPP / BSPP                 |
| CONNECTION 1 THREAD SIZE (METRIC): | G1/2 G1/4                   |
| CONNECTION 2 TUBE O.D. (INCH):     | na                          |
| CONNECTION 2 TUBE O.D. (MM):       | na                          |
| CONNECTION 3 TUBE O.D. (MM):       | na                          |
| CONNECTION 4 TUBE O.D. (MM):       | na                          |
| MOUNTING POSITION:                 | na                          |
| NUMBER OF OUTLETS:                 | na                          |
| NUT HEX SIZE (MM):                 | na                          |

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## PRODUCT OVERVIEW

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Parker Legris offers a wide range of adaptors and manifolds compatible with the various Parker Legris fitting systems.

This range of products provides the user with a complete solution covering numerous applications, both in non-corrosive and corrosive environments.

Features/Benefits:

- Large Range & Flexibility

- A complete offer, from the simple adaptor to a modular manifold solution
- Large selection of materials for excellent chemical compatibility: brass, steel, stainless steel, aluminium
- Surface treatment for increased corrosion resistance: nickel-plated brass or anodised aluminium
- Stainless steel for corrosive environments
- BSPP, BSPT, NPT and metric threads

- Performance

- Robust design
- Suitable for low to high pressure, depending on configuration and material
- Forged shapes for mechanical strength

#### Markets:

- Factory Automation
- Miscellaneous manufacturing
- Packaging
- Vehicle Assembly Facilities
- Wearing Apparel
- Food and Beverage

#### Applications:

- Suitable for Corrosive and Non Corrosive Environments
- Suitable for High and Medium Pressure

#### Technologies:

- Bulkhead connector
- Equal tee
- Manifold block
- Fitting system
- Pneumatic fittings
- Brass adaptor
- Stainless steel adaptors
- Brass connectors

#### Technical Characteristics:

- Materials:

Adaptors and Plugs: Brass, nickel-plated brass, stainless steel 316L, steel

Manifolds: Anodised aluminium

- Pressure:

Adaptors and Plugs:

Brass: 1/8" to 1/2": 200 bar; 3/4" and 1": 150 bar; 1¼" to 2": 100 bar, without sealing washer

Nickel-plated brass: 60 bar

Stainless steel 316L: 1/8" to 1/2": 200 bar; 3/4" and 1": 150 bar; 1¼" to 2": 100 bar, without sealing washer

Steel: 1/8" to 1/2": 200 bar; 3/4" and 1": 150 bar; 1¼" to 2": 100 bar, without sealing washer

Manifolds:

Anodised aluminium: 20 bar

- Temperature:

Adaptors and Plugs:

Brass: -40°C to +150°C without sealing washer; -20°C to +80°C with sealing washer

Nickel-plated brass: -10°C to +80°C

Stainless steel 316L: -20°C to +180°C

Steel: -10°C to +80°C

Manifolds:

Anodised aluminium: -10°C to +80°C

#### Product Types:

- Equal Threaded Elbow, Female BSPP Thread
- Equal Stud Elbow, Male BSPT/Female BSPP Thread
- Equal Elbow, Male BSPT Thread
- Equal Tee, Female BSPP Thread
- Stud Branch Tee, Male BSPT/Female BSPP Thread
- Equal Bulkhead Coupling, Female BSPP and Metric Thread
- Equal Connector, Female BSPP Thread
- Adaptor, Male NPT/Female BSPP Thread
- Adaptor, Male BSPT/Female NPT Thread
- Reducer, Male BSPP/Female BSPP and Metric Thread
- Unequal Reducer, Male BSPT/Female BSPP Thread
- Increaser, Male/Female BSPP Thread
- Straight Male Adaptor, Male BSPT Thread
- Equal Adaptor, Male NPT/BSPT Thread
- Equal 3-Piece Adaptor, Male BSPT Thread
- Tailpiece Adaptor for Rubber Hose, Male BSPT Thread
- Tailpiece Adaptor for Flexible Tubing, Male BSPT Thread
- Equal Stud Elbow, Female BSPP and Metric Thread
- Equal Stud Elbow, Male/Female and Metric Thread
- Equal Stud Elbow, Male BSPT/ Female BSPP Thread
- Equal Stud Elbow, Male Metric Thread
- Equal Stud Elbow, Male BSPT Thread
- Equal Y, Female BSPP Thread
- Equal Y, Male BSPT/Female BSPP Thread
- Equal Tee, Female BSPP and Metric Thread
- Equal Stud Branch Tee, Female/Male Metric Thread
- Equal Stud Branch Tee, Male BSPT/Female BSPP Thread
- Equal Stud Run Tee, Male BSPT/Female BSPP Thread
- Equal Stud Run Tee, Male BSPT/Female BSPP Thread
- Equal Tee, Male BSPT Thread
- Equal Stud Branch Tee, Male BSPT/Female BSPP Thread
- Equal Stud Run Tee, Male BSPT/Female BSPP Thread
- Equal Cross, Female BSPP Thread
- Equal Cross, Male BSPT/Female BSPP Thread
- Reducer, Male/Female BSPP Thread
- Reducer, Male BSPT/Female BSPP Thread

- Reducer, Male BSPP/Female BSPP and Metric Thread
- Increaser, Male BSPP and Metric/Female BSPP Thread
- Equal Extended Adaptor, Male/Female BSPP Thread
- Bulkhead Connector, Female BSPP and Metric Thread
- Equal and Unequal Adaptor, Male BSPT Thread
- Equal and Unequal Adaptor, Male BSPP and Metric Thread
- Equal and Unequal Straight Adaptor, Male BSPT/BSPP Thread
- Equal and Unequal Adaptor, Female BSPP and Metric Thread
- Tailpiece Adaptor for Rubber Hose, Male BSPP Thread
- Equal Stud Elbow, Male BSPT/Female BSPP Thread
- Equal Elbow, Female BSPP Thread
- Equal Tee, Female BSPP Thread
- Equal Bulkhead Adaptor, Female BSPP Thread/NPT Thread
- Equal Connector, Female BSPP Thread/NPT Thread
- Reducer Connector, Female BSPP Thread
- Adaptor, Male NPT/Female BSPP Thread
- Adaptor, Male BSPT/Female NPT Thread
- Reducer, Male BSPT/Female BSPP Thread
- Reducer, Male/Female NPT Thread
- Increaser, Male BSPT/Female BSPP Thread
- Increaser, Male/Female NPT Thread
- Equal and Unequal Adaptor, Male BSPT Thread
- Equal Adaptor, Male NPT Thread
- Tailpipe Adaptor for Rubber Hose, Male BSPT Thread/NPT Thread
- Manifold Block, Female BSPP Thread
- In-Line Manifold
- Manifold, Female BSPP and Metric Thread
- Cross Manifold, Female BSPP and Metric Thread
- Double Manifold, Female BSPP Thread
- Modular Manifold
- Manifold, Female BSPP Thread
- Single Manifold, Female BSPP Thread
- Double Manifold, Female BSPP Thread
- Triple Manifold, Female BSPP Thread
- End Plate for Manifold
- Angled Fixing Plate
- Internal Hexagon Head Plug, Male BSPT Thread/NPT Thread
- Square Head Plug, Male BSPT Thread
- Hex Head Plug, Male BSPP and Metric Thread
- Hex Head Plug with Collar, Male BSPP and Metric Thread
- Internal Hexagon Head Plug with Collar, Male Metric Thread
- Internal Hexagon Head Plug, Male BSPP and Metric Thread
- Internal Hexagon Head Plug, Male BSPT Thread/NPT Thread
- Hex Head Plug, Male BSPP and Metric Thread
- Hex Head Plug, Male BSPT Thread/NPT Thread
- Internal Hexagon Head Plug, Male BSPT Thread/NPT Thread
- Copper Washer
- Bonded Seal
- Fluoropolymer Tape
- Captive Sealing Washer
- Bi-Material Captive Sealing Washer
- Brass Tube Support for Polymer Tubing
- Stainless Steel Tube Support for Fluoropolymer Tubing

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|                     |   |
|---------------------|---|
| TECH SPECIFICATIONS | + |
| TECH SPECIFICATIONS | + |
| PRODUCT SUPPORT     | + |
| PRODUCT SUPPORT     | + |

|             |
|-------------|
| RECOMMENDED |
|-------------|



LIQUIfit Polymer Ball Valves for Food and Beverages



Ball Valves Universal Series



Ball Valves Standard Series



Pneumatic Adjustable Non-Return Valves in Nickel-Plated Brass



Ball Valves Universal Light Series

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