

# Complementary Stainless Steel Fittings

## Reducers, Olives and Nuts

This innovative reducer system, using a full range of nuts and olives, enables **different diameters** of stainless steel, fluoropolymer or polymer tubes to be fitted onto **a single Parker Legris compression fitting**.

### Product Advantages

#### Efficient Solution

Reduces envelope dimensions  
Quick and easy to assemble, whatever the diameters and tube material  
Improved stock management  
Silicone-free

#### Multiple Combinations

A single connector for up to 3 different tube materials and sizes.  
Example:
 

- Advanced PE tubing 6 mm O.D.
- stainless steel tubing 8 mm O.D.
- fluoropolymer tubing 12 mm O.D. or braided PVC hose 10 mm I.D.

 A full range of olives and nuts to optimise all assembly operations



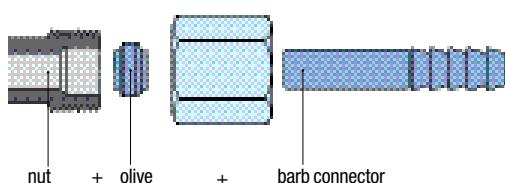
Food Process  
Fluid Transmission  
Pneumatics  
Automotive Process  
Petrochemical  
Cooling & Heating  
Chemical  
Offshore Oil & Gas

Applications

### Reducer Assembly Procedure

Operation	Assembly Sequence	Assembled Fitting
<p><b>1</b> <b>Assemble the reducer</b> Place the reducer in the fitting body.</p>	<p><b>1</b></p>	
<p><b>2</b> <b>Assemble the nut and olive</b> Place the nut and then the olive onto the tube.</p>	<p><b>2</b></p>	
<p><b>3</b> <b>Assemble the nut</b> Push the tube into the fitting until it bottoms on the reducer. Tighten the nut to the recommended torque (see opposite page).</p>	<p><b>3</b></p>	

### Assembly: Barb Connectors



#### Regulations

DI: 2002/95/EC (RoHS), 2011/65/EC  
DI: 97/23/EC (PED)  
RG: 1935/2004  
RG: 1907/2006 (REACH)  
DI: 94/09/EC (ATEX)  
FDA: 21 CFR 177.1550  
NACE MR0175: compatible materials  
ISO 15156-1/-2/-3: compatible materials

Our barb connector 1822 is designed to be also used with different types of hose. It is secured using the nut and olive provided with the fitting.