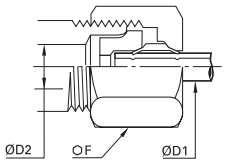
Stainless Steel Compression Fittings

1866 3-Piece Reducer



Stainless steel 316L



ØD1	ØD2		F	kg
6	8	1866 06 08	14	0.011
	10	1866 06 10	19	0.028
	12	1866 06 12	22	0.040
8	10	1866 08 10	19	0.026
	12	1866 08 12	22	0.037
	16	1866 08 16	27	0.071
10	12	1866 10 12	22	0.034
	16	1866 10 16	27	0.065
12	16	1866 12 16	27	0.061

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.

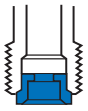
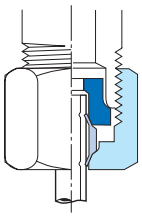
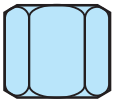
Example:
- Advanced PE tubing 6 mm O.D.
- stainless steel tubing 8 mm O.D.
- fluoropolymer tubing 12 mm O.D. or braided PVC hose 10 mm I.D.

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

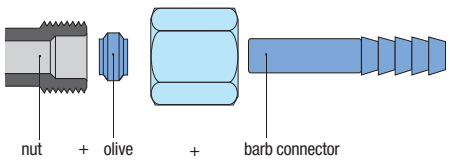
Applications

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

Reducer Assembly Procedure

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

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.