

Parker Product Datasheet



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

PART NUMBER: 0166 08 10
CONNECTION 2 TUBE OUTSIDE DIAMETER: na
CONNECTION 3 TUBE OUTSIDE DIAMETER: 8 mm
CONNECTION 1 THREAD SIZE: na
SHAPE: 3 pieces reducer
CONNECTION 4 TUBE OUTSIDE DIAMETER: 10 mm

PRODUCT OVERVIEW

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

Features/Benefits:

- 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 4 different tube materials and sizes

Example:

polymer tube 4 mm O.D.

copper tube 8 mm O.D.

brass tube 12 mm O.D.

braided PVC hose 12 mm I.D.

- A full range of olives / Ferrules and nuts to optimise all assembly operation

Markets:

- Packaging
- Miscellaneous Manufacturing
- Vehicle Assembly Facilities
- Machine Tools

Applications:

- Pneumatic Machinery Equipment at Medium and High Pressure
- Lubrication Systems
- Cooling Systems
- Welding Robots
- Suitable for Vacuum Applications

Technologies:

- Compression fittings
- Pneumatic fittings
- Connects to steel tube
- Connects to copper tube
- Connects to brass tube
- Connects to polymer tube

Regulations:

- PED
- REACH
- RoHS / WEEE
- ATEX

Product Types:

- Piece Reducer
- Brass Olive / Ferrule
- Steel Olive / Ferrule

- BNA (standards organization in the field of Automotive Process) Brass Olive
- Brass Nut
- Steel Nut
- Brass Long Nut
- Technical Polymer Nut-Olive / Nut-Ferrule

TECH SPECIFICATIONS

DIVISION	Low Pressure Connectors Europe Division
MAXIMUM OPERATING TEMPERATURE	100 °C
MEDIA	Water, machining oil, fuel, hydraulic oil, compressed air, chemical fluids, disinfectants
WEIGHT	0.027 kg
NUT MATERIAL	BRASS
CONNECTION 1 TYPE	na
PRODUCT TYPE	Complementary Brass Compression Fittings
BODY MATERIAL	BRASS
SLEEVE MATERIAL	BRASS
MINIMUM OPERATING TEMPERATURE	-40 °C
INDUSTRY APPLICATION	Pneumatics, Cooling, Automotive Process, Lubrication, Fluid Transmission, Packaging, Industrial Machinery
APPLICATION	Pneumatics, Cooling, Automotive Process, Lubrication, Fluid Transmission, Packaging, Industrial Machinery
QUANTITY PER BOX	10
SPECIFICATIONS MET	PED, REACH, RoHS/WEEE, ATEX