Parker Product Datasheet



Brass fittings for optimum installation adaptation
Available in 1/8' to 3/4' ID
This range of fittings is designed to meet the requirements of the automotive and robotics industries

PART NUMBER: 0122 16 13
TUBE OUTSIDE DIAMETER: 16 mm
TUBE INSIDE DIAMETER: 13
CONNECTION TYPE: na
CONNECTION THREAD SIZE: na
PRODUCT TYPE: Barb Connector for Hose

PRODUCT OVERVIEW

This range of fittings accessories is designed to meet the requirements of the automotive and robotics industries, provides optimum adaptation in installation adaptation and reliable operation.

Features/Benefits:
• Perfect for brass compression fittings adaptation to the installation
• Quick and simple to install
• Compatible with the Parker Legris range of brass compression fittings
• Mechanical properties proven for use in industrial robotic installations

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:
Brass fittings for optimum installation adaptation

Technical Characteristics:
• Fluids: Coolants, compressed air
• Materials: brass, engineering polymer, silicone free
• Pressure: 0 to 20 bar (250 bar for the the 0220 product type)
• Temperature: -60°C to +250°C (With metallic tube and without polymer seals)

Regulations:
• DI: 2002/95/EC (RoHS), 2011/65/EC
• DI: 97/23/EC (PED)
• RG: 1907/2006 (REACH)

Product Types:
• Barb Connector for Hose
• Barb Connector for Flexible Tubing
• Plug for Compression Fitting
• Tube End Plug for Compression Fitting
• Hex Head Plug with Captive Sealing Washer, Male BSPP and Metric Thread
• Hex Head Plug with Bi-Material Seal, Male BSPP Thread
• Stud Standpipe, Male BSPT Thread
• Sleeve Nut for Compression Fitting, Male Metric Thread
• Stud Standpipe with Bi-Material Seal, Male BSPP Thread

• Straight Male Orientable Adaptor, with Bi-Material Seal, Male BSPP Thread
• Reducer, with Bi-Material Seal, Male BSPP Thread/Female BSPP and Metric Thread
• Tube Support / ferrule for Polymer Tubing

TECH SPECIFICATIONS

DIVISION	Low Pressure Connectors Europe Division
MINIMUM OPERATING TEMPERATURE	-40 °C
MAXIMUM OPERATING PRESSURE	na
MEDIA	Coolants, compressed air
WEIGHT	0.021 kg
SHAPE	Barb connector for hose
QUANTITY PER BOX	10
MAXIMUM OPERATING TEMPERATURE	+ 100 °C
INDUSTRY APPLICATION	Pneumatics, Cooling, Automotive Process, Lubrication, Fluid Transmission, Packaging, Industrial Machinery
BODY MATERIAL	BRASS
SPECIFICATIONS MET	RoHS, PED, REACH, CNOMO for robot in automotive industry