Parker Product Datasheet



Parker Legris offers a range of metal couplers compatible with a large selection of fluids. Simple to install, with or without shut-off valves, these couplers offer a high flow rate capability.

PART NUMBER: 0183 02 10
COLOR: n/a
DIAMETER: 2
SPECIAL OPTION: n/a
CONNECTION 1 TUBE OUTSIDE DIAMETER: n/a
GRIPPING RING MATERIAL: n/a
SEAL MATERIAL: NBR
CONNECTION 2 TUBE OUTSIDE DIAMETER: n/a
COUPLING HALF: Plug
CONNECTION SIZE: R 1/8
CONNECTION TYPE: Male BSPT
BODY MATERIAL: Brass
FUNCTION: Double Shut-Off

PRODUCT OVERVIEW

In order to fulfill the requirements of the widest range of industrial applications, Parker Legris offers a range of metal couplers compatible with a large selection of fluids.

Simple to install, with or without shut-off valves, these couplers offer a high flow rate capability.

Features/Benefits:

- Easy-to-Use

• Coupler with sliding sleeve: automatic connection and disconnection
• Wide variety of male probes
• Extremely compact
• Single or double shut-off models for greater safety
• Special range designed for pneumatic applications: 13 Series to 27
• Special range designed for the transmission of water and fluids: Midi and Maxi series

- Robust & Reliable

• 100% leak-tested in production
• Excellent shock and impact resistance
• Nickel-plated brass for corrosion resistance
• Stainless steel version for restrictive environments

- Optimum Performance

• Very wide range of flow rates
• 'UltraFlo' technology: 18, 22, 23, 25 and 27 series
• Low pressure drop
• Long service life
• Maximum energy efficiency

Markets:

• Packaging
• Factory Automation
• Miscellaneous Manufacturing
• Vehicle Assembly Facilities

Applications:

• Compressed Air and Water Circuits Automatic Connection and Disconnection
• Workshops
• Flushing
• Spraying
• Filling Systems
• Cleaning

Technologies:

• Quick acting coupler
• Metal coupler
• Double probe
• Y coupler
• Universal adaptor
• Adjustable nozzle
• Couplings
• Universal adapter
• Fluid coupling
• Couplers
• Quick coupling
• Universal coupling

Technical Characteristics:

• Compatible fluids: Compressed air, water
• Materials: nickel-plated brass, stainless steel 316L, nickel-plated steel, NBR, FKM, stainless steel
• Pressure: Vacuum to 20 bar
0 to 35 bar (stainless steel series)
• Temperature: -20°C to +100°C
-15°C to +200°C (stainless steel series)

Product Types:

• Coupler, Male BSPT and Parallel Metric Thread
• Coupler, Straight-Through, Male BSPT Thread
• Probe, Valved, Male BSPT Thread
• Probe, Straight-Through, Male BSPT Thread
• Probe without Shut-off, Male BSPT Thread
• Probe, Straight-Through with Barb Connection for Polyamide (PA) Tubing
• Probe, Straight-Through with Barb Connection for Flexible Tubing
• Probe, Straight-Through with LF 3000® Push-In Connection
• Coupler, Female BSPP Thread
• Probe, Straight-Through, Male BSPP Thread
• Probe, Straight-Through, Female BSPP Thread
• Probe, Straight-Through, with Barb Connection for Flexible Tubing
• Double Probe

- Coupler, Female BSPP Thread
- Coupler, Straight-Through, Female BSPP Thread
- Coupler with Barb Connection for Hose
- Coupler, Straight-Through, with Barb Connection for Hose
- Probe, Straight-Through, Male BSPP Thread
- Probe, Straight-Through, Female BSPP Thread
- Probe, Straight-Through, Female BSPP Thread
- Probe, Straight-Through, with Barb Connection for Flexible Tubing
- Probe, Straight-Through, with Barb Connection for Flexible Hose
- Y Coupler, Straight-Through
- Coupler with Tap, Male BSPP Thread
- Plug
- Universal Coupler Adaptor
- Universal Probe Adaptor
- Water Pistol
- Adjustable Nozzle
- Coupler, Straight-Through, Female BSPP Thread
- Coupler, Straight-Through with Barb Connection for Hose
- Coupler, Straight-Through, Male BSPP Thread
- Coupler, Straight-Through with Barb Connection for Flexible Hose
- Coupler, Male BSPP Thread
- Coupler, Female BSPP Thread
- Probe, Valved, Male BSPP Thread
- Probe, Straight-Through, Male BSPP Thread
- Probe, Valved, Female BSPP Thread
- Probe, Straight-Through, Female BSPP Thread
- Coupler, Male BSPP and Metric Thread
- Coupler, Female BSPP and Metric Thread
- Probe, Valved, Male BSPP and Metric Thread
- Probe, Straight-Through, Male BSPP and Metric Thread
- Probe, Valved, Female BSPP and Metric Thread
- Probe, Straight-Through, Female BSPP and Metric Thread
- Coupler, Male BSPP Thread
- Coupler, Female BSPP Thread
- Probe, Valved, Male BSPP Thread
- Probe, Straight-Through, Male BSPP Thread
- Probe, Valved, Female BSPP Thread
- Probe, Straight-Through, Female BSPP Thread

TECH SPECIFICATIONS

CONNECTION 2 TUBE OUTSIDE DIAMETER	n/a mm
MINIMUM OPERATING TEMPERATURE	-4 °F
APPLICATION	Factory Automation
BRAND	Parker
REGION OF ORIGIN	France
COUPLING HALF	Plug
APPLICATION	Packaging
DIVISION	Low Pressure Connectors Europe Division
CONNECTION TYPE	BSPT
APPLICATION	Flushing
VALVE TYPE	Standard Valve
FLOW RATE	165 L/min (air)
HEX SIZE	n/a
CONNECTION 1 TUBE OUTSIDE DIAMETER	n/a mm
MAXIMUM OPERATING PRESSURE	290 psi
APPLICATION	Filling Systems
INTERCHANGE TYPE	Parker Profile
OPERATION TYPE	No Sleeve
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
APPLICATION	Workshops
FUNCTION	Double Shut-Off
CONNECTION TYPE	Male

DIAMETER	2 mm (nominal)
CONNECTION SIZE	R 1/8
PRODUCT TYPE	Pneumatic Quick Couplings
BRAND	Legris
SLEEVE MATERIAL	Without Sleeve
OUTSIDE DIAMETER	n/a mm
MINIMUM OPERATING TEMPERATURE	-20 °C
WEIGHT	0.007 kg
PRODUCT SERIES	Mini Series
APPLICATION	Spraying
TECHNOLOGY	Pneumatics
SEAL MATERIAL	NBR
VALVE INCLUDED	Yes
PRODUCT STYLE	Quick Connect
QUANTITY PER BOX	VLOOKUP(A193,[1]default_1!$A:$P,16,FALSE)
MAXIMUM OPERATING TEMPERATURE	100 °C
BODY MATERIAL	Steel
MAXIMUM OPERATING PRESSURE	20 bar
DIVISION	Low Pressure Connectors Europe Division
PLATING TYPE	Nickel-Plated
LENGTH	n/a mm
APPLICATION	Cleaning
MAXIMUM OPERATING TEMPERATURE	140 °F
INDUSTRY	General Industrial