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: 0171 03 10 02
COUPLING HALF: Coupler
FUNCTION: Straight-Through
SEAL MATERIAL: NBR
CONNECTION TYPE: Male BSPT
DIAMETER: 3
COLOR: GREEN
BODY MATERIAL: Brass
CONNECTION SIZE: R 1/8
CONNECTION 2 TUBE OUTSIDE DIAMETER: n/a
GRIPPING RING MATERIAL: n/a
CONNECTION 1 TUBE OUTSIDE DIAMETER: n/a
SPECIAL OPTION: n/a

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

INDUSTRY	General Industrial
MAXIMUM OPERATING PRESSURE	290 psi
APPLICATION	Factory Automation
MINIMUM OPERATING TEMPERATURE	-4 °F
TECHNOLOGY	Pneumatics
BODY MATERIAL	Brass
CONNECTION 1 TUBE OUTSIDE DIAMETER	n/a
APPLICATION	Workshops
APPLICATION	Packaging
CONNECTION SIZE	R 1/8
DIAMETER	3 mm (nominal)
APPLICATION	Spraying
APPLICATION	Filling Systems
FOR FLUID TYPE	Air & Neutral Gases (Industrial compressed, lubricated air, inert gases)
CONNECTION 2 TUBE OUTSIDE DIAMETER	n/a
COLOR	Green
DIVISION	Low Pressure Connectors Europe Division
MAXIMUM OPERATING PRESSURE	20 bar
PRODUCT STYLE	Quick Connect
BRAND	Legris
REGION OF ORIGIN	Spain
CONNECTION TYPE	Male

INTERCHANGE TYPE	Parker Profile
MAXIMUM OPERATING TEMPERATURE	60 °C
OPERATION TYPE	Sleeve
HEX SIZE	n/a
BRAND	Parker
WEIGHT	0.02 kg
OUTSIDE DIAMETER	n/a mm
LENGTH	n/a mm
FLOW RATE	165 L/min (air)
CONNECTION TYPE	BSPT
VALVE TYPE	Without Valve
COUPLING HALF	Coupler
SLEEVE MATERIAL	Technical Polymer
SEAL MATERIAL	NBR
VALVE INCLUDED	No
FUNCTION	Straight-Through
PLATING TYPE	Nickel-Plated
DIVISION	Low Pressure Connectors Europe Division
APPLICATION	Cleaning
APPLICATION	Flushing
PRODUCT SERIES	Mini Series
QUANTITY PER BOX	VLOOKUP(A76,[1]default_1!$A:$P,16,FALSE)
MINIMUM OPERATING TEMPERATURE	-20 °C
PRODUCT TYPE	Pneumatic Quick Couplings
MAXIMUM OPERATING TEMPERATURE	140 °F